## 》 VANGUARD

## $22 / 23$

university catalog

## TABLE OF CONTENTS

Home ..... 5
Academic Calendar ..... 6
About the Catalog ..... 9
University Structure ..... 10
General University Information ..... 13
History of Vanguard University ..... 13
Identity Statement ..... 13
Mission, Vision and Values ..... 13
Location and Campuses ..... 14
Institutional Accreditation ..... 14
University Institutes and Centers for Learning ..... 15
Admissions Information ..... 17
Admissions - The College ..... 17
Admissions - Professional Studies and Non-Traditional Education ..... 19
Admissions - Graduate Programs ..... 21
International Students ..... 22
Education and Training Benefits for Veterans ..... 22
Financial Information ..... 26
Financial Aid ..... 26
Financial Aid Sources ..... 26
Graduate Financial Aid Opportunities ..... 29
School for Professional Studies Financial Aid Opportunities ..... 29Traditional Undergraduate Financial Aid Opportunities
Withdrawal and Return to Title IV Funds (R2T4) Policy ..... 31
Financial Payment Information and Policies ..... 33
Academic Policies and Procedures ..... 35
Academic Calendar Defined ..... 35
Academic Course Numbering ..... 35
Academic Honors ..... 36
Academic Integrity and Classroom Conduct ..... 36
Academic Policy Exception ..... 40
Academic Probation and Disqualification ..... 40
Class Attendance Policy ..... 41
Commencement Ceremony Participation and Degree Completion ..... 42
Course Repeat Policy ..... 43
Credit by Testing, Extension and Examination ..... 43
Credit Hour Policy ..... 43
Cross Registration ..... 43
Degree Nomenclature ..... 44
Degree Requirements for Graduation ..... 44
Degrees Granted ..... 45
Diversity/Multicultural Exposure Course Requirement ..... 45
Enrollment Status Definitions ..... 46
Grade Appeal Policy and Procedure ..... 46
Grade Change Policy ..... 47
Grading System ..... 47
Graduation Application ..... 48
Incomplete Grades ..... 48
Leave of Absence Policy and Withdrawal from the University Policy ..... 48
Prior Learning Assessment ..... 49
Registration and Course Enrollment ..... 49
Release of Student Records ..... 51
Student Academic Honor Societies ..... 51
Student Academic Load ..... 51
Students Rights and Grievance Policies and Procedures ..... 52
Distance Learning Student Complaint Process ..... 54
Undergraduate Class Standing ..... 54
Student Success Resources ..... 55
Academic Support Services ..... 55
General Expectations of the Vanguard Community ..... 56
Intercollegiate Athletics ..... 56
Undergraduate Student Life in the College ..... 57
University Student Services ..... 59
Academic Programs ..... 62
Core Curriculum (Traditional Undergraduate College) ..... 62
General Education (School for Professional Studies) ..... 65
Interdisciplinary Programs (Traditional Undergraduate College) ..... 70
Off Campus Study Programs ..... 70
Vanguard University Scholars Program (Traditional Undergraduate College) ..... 71
Writing Standards (School for Professional Studies) ..... 71
Division of Arts, Education and Humanities ..... 72
The College ..... 72
Arts and Fine Arts ..... 73
Department of English ..... 74
English B.A with Integrated Teacher Education Program (ITEP) ..... 78
English B.A. ..... 79
English Minor ..... 81
English Minor in Journalism and Digital Media ..... 81
English Subject Matter Preparation (Teaching Credential) ..... 82
Department of Liberal Studies (Education) ..... 82
Elementary Education Minor ..... 87
Liberal Studies B.A. ..... 87
Liberal Studies B.A. Integrated Teacher Education Program (ITEP) ..... 89
Department of Music ..... 91
Music B.A. ..... 99
Music B.A. with a Concentration in Worship Leadership ..... 100
Music B.M. (Pre-Teacher Certificate) ..... 102
Music Minor ..... 105
Department of Theatre Arts ..... 105
Theatre Arts B.A. with a Concentration in Musical Theatre ..... 111
Theatre Arts B.A. with a Concentration in Stage and ScreenActing/Directing114
Theatre Arts B.A. with a Concentration in Technical/Design ..... 116
Theatre Arts Minor ..... 118
Professional Studies and Non-Traditional Education ..... 118
Early Childhood Program ..... 119
Early Childhood B.A. ..... 124
Early Childhood B.A. with a Concentration in Special Education ..... 126
Early Childhood B.A. with a Concentration in STEM/STEAM ..... 127
Early Childhood Certificate ..... 127
Early Childhood Education Minor ..... 127
Liberal Studies Minor ..... 128
Transitional Kindergarten Certificate ..... 128
Graduate Programs ..... 128
Graduate Program in Education ..... 129
California Preliminary Credential Program ..... 136
Education M.A. ..... 138
Teacher Advancement Program ..... 140
Division of Business and Communication ..... 143
The College ..... 143
Department of Business and Management ..... 144
Accounting B.A. ..... 148
Business Administration B.A. ..... 150
Business Concentration Options (All Majors) ..... 151
Business Minor ..... 152
Marketing B.A. ..... 152
Department of Communication ..... 154
Communication B.A. with a Concentration in Communication Studies ..... 160
Communication B.A. with a Concentration in Film and Visual Storytelling ..... 161
Communication B.A. with a Concentration in Health Communication ..... 163
Communication B.A. with a Concentration in Public Relations ..... 164
Communication B.A. with a Concentration in Technology and Emerging Media ..... 166
Communication Minor ..... 167
Public Relations Minor ..... 167
Professional Studies and Non-Traditional Education ..... 168
Department of Business and Management (Professional Studies)168
Business Administration B.A. ..... 171
Business Concentration Options (All Majors) ..... 173
Business Minor ..... 174
Management B.A. ..... 174
Division of Natural, Physical and Health Sciences ..... 177
The College ..... 177
Department of Biological Sciences ..... 178
Biology B.S ..... 184
Biology B.S. with a Concentration in Biomedical ..... 186
Biology B.S. with a Concentration in Biotechnology ..... 187
Biology B.S. with a Concentration in Neurobiology ..... 188
Biology B.S. with an Education Minor (VISTA) ..... 190
Biology Minor ..... 192
Department of Chemical and Environmental Sciences ..... 192
Biochemistry B.S ..... 198
Chemistry B.S. ..... 200
Chemistry B.S. with an Education Minor (VISTA) ..... 201
Chemistry Minor ..... 203
Environmental Sciences B.S. ..... 203
Department of Kinesiology ..... 205
Kinesiology B.S. with a Concentration in Health and Human Performance ..... 210
Kinesiology B.S. with a Concentration in Pre-Health Professions ..... 211
Kinesiology Minor ..... 213
Department of Mathematics and Physical Sciences ..... 213
Actuarial Science B.S. ..... 223
Computer Science B.S ..... 224
Data Science B.S ..... 226
Engineering Physics B.S. ..... 227
Mathematics B.S ..... 228
Mathematics B.S. with an Education Minor (VISTA) ..... 230
Mathematics Minor ..... 231
Mathematics Teaching Credential ..... 232
Department of Nursing (College) ..... 232
Nursing B.S.N. (Pre-Licensure) ..... 235
Professional Studies and Non-Traditional Education ..... 237
Department of Nursing (RN-BSN) ..... 238
Nursing B.S.N. (RN to BSN) ..... 240
Graduate Programs ..... 241
Graduate Program in Nursing ..... 241
Nursing M.S.N. ..... 246
Nursing R.N to M.S.N. ..... 247
Post-Master's Clinical Nurse Specialist Certificate ..... 248
Post-Master's Psych/Mental Health Nurse Practitioner (PMHNP) ..... 248
Graduate Programs in Biotechnology ..... 249
Biotechnology B.S./M.S. (4+1) ..... 251
Biotechnology M.S. (2Yr) ..... 253
Division of Social and Behavioral Sciences ..... 255
The College ..... 255
Department of History and Political Science ..... 256
History and Political Science ITEP B.A. ..... 260
History and Political Science B.A. ..... 262
History and Political Science Minor ..... 263
Pre-Law Studies Minor ..... 263
Public Policy Minor ..... 264
Department of Psychology ..... 264
Psychology B.A. ..... 268
Psychology Minor ..... 270
Department of Sociology ..... 270
Criminology and Criminal Justice Minor ..... 275
Public Health Minor ..... 276
Social Work Minor ..... 276
Sociology B.A. ..... 277
Sociology Minor ..... 278
Professional Studies ..... 278
Department of Psychology ..... 279
Human Development Minor ..... 281
Psychology B.A. ..... 281
Graduate Programs ..... 283
Graduate Program in Clinical Psychology ..... 283
Clinical Psychology M.S ..... 290
Graduate Program in Organizational Psychology ..... 292
Graduate Certificate in Intercultural and Inclusive Leadership ..... 298
Graduate Certificate in Organizational Consulting ..... 298
Graduate Certificate in Talent Development and Organizational Analysis ..... 298
Industrial-Organizational Psychology M.S ..... 299
Organizational Psychology M.A. ..... 300
Division of Theology ..... 301
Department of Theology (College) ..... 301
Anti-Human Trafficking Certificate ..... 314
Theology B.A. with a Concentration in Biblical Studies ..... 316
Theology B.A. with a Concentration in Christian Formation and Discipleship Studies ..... 317
Theology B.A. with a Concentration in General Christian Studies ..... 318
Theology B.A. with a Concentration in Intercultural Studies ..... 320
Theology B.A. with a Concentration in Pastoral Leadership Studies ..... 321
Theology B.A. with a Concentration in Youth Leadership ..... 323
Theology Minor ..... 324
Theology Minor ..... 324
Department of Theology (Professional Studies) ..... 324
Theology B.A. with a Concentration in Ministry and Leadership326
Theology Minor ..... 327
Department of Theology (Graduate) ..... 327
Leadership Studies M.A. ..... 337
Theology M.A. ..... 345
The School for Professional Studies ..... 348
Graduate Studies ..... 349
Vanguard Board of Trustees ..... 353
Administration and Faculty ..... 354
Programs Offered ..... 360
Courses A-Z ..... 362
Accounting (ACCT) ..... 363
Anthropology (ANTH) ..... 364
Art (ART) ..... 365
Biblical Interpretation (BINT) ..... 365
Biblical Languages (BLAN) ..... 365
Biology (BIOL) ..... 366
Biotechnology (BIOT) ..... 372
Business (BUSN) ..... 373
Business: InfoSys - SPS (BUIS) ..... 375
Chemistry (CHEM) ..... 375
Christian Formation Studies (CFST) ..... 379
Church History (CHIS) ..... 379
Church Leadership Graduate (CLSG) ..... 380
Communication (COMM) ..... 382
Core Curriculum (CORE) ..... 387
Early Childhood Education (ECED) ..... 388
Education Grad (EDUG) ..... 392
English (ENGL) ..... 395
Environmental Sciences (ENVR) ..... 398
Finance (FINC) ..... 399
Fine Arts (FINA) ..... 400
History (HIST) ..... 400
Humanities (HUMA) ..... 402
Intercultural Studies (ICST) ..... 403
Kinesiology (KINE) ..... 404
Liberal Studies (EDUC) ..... 408
Management (MNGT) ..... 412
Marketing (MRKT) ..... 414
Mathematics (MATH) ..... 415
Ministry \& Leadership - SPS (MILD) ..... 417
Music (MUSC) ..... 418
Music Instruction (MUSI) ..... 423
Music Jazz (MUJZ) ..... 426
Music Performance (MUPF) ..... 426
New Testament (NT) ..... 426
New Testament - Graduate (NTG) ..... 427
Nursing - PreLicensure (NRS) ..... 428
Nursing (NURS) ..... 430
Old Testament (OT) ..... 434
Old Testament-Graduate (OTG) ..... 435
Pastoral Leadership Studies (PLST) ..... 436
Philosophy (PHIL) ..... 437
Physical Science (PSCI) ..... 438
Political Science (POLS) ..... 439
Psychology (PSYC) ..... 441
Psychology-Clinical-Graduate (PSYG) ..... 445
Psychology-Organizational-Grad (PSOG) ..... 447
Psychology-SPS (PSYD) ..... 449
Religion Thesis-Graduate (RELG) ..... 450
Sociology (SOC) ..... 451
Theatre Arts (THEA) ..... 455
Theology (THEO) ..... 460
Theology-Graduate (THOG) ..... 461
Women and Justice Studies (WJST) ..... 462
Youth Leadership (YLST) ..... 465
Course Search ..... 467
Archives ..... 468
Index ..... 469

## HOME

Since 1920, student learning at Vanguard University continues to be grounded/rooted in our mission to pursue knowledge, cultivate character, deepen faith, and equip each student for a Spirit-empowered life of Christcentered leadership and service.

To accomplish our mission, the educational experience is designed to be rich, diverse, and dynamic. It is characterized by programs and degree options in traditional undergraduate, graduate, and professional education. Further, every degree program is characterized by vibrant faculty-to-student and student-to-student interactions, meaningful engagement with the course content, opportunities to grow in faith, and the application of the learning to the contexts of home and community, place of worship, employment and marketplace, and society as a whole.

The student experience at Vanguard is also holistic and delivered within the framework of our university values - Truth, Virtue, and Service. These values encompass what a student comes to know, be, and do as a result of the education received here.

TRUTH: We pursue truth by knowing Christ, who is Truth, and understanding the Word of God through disciplined study; we strive to develop critical and creative thinking skills for careful, reasoned, and independent analysis; and we engage in scholarship with integrity and excellence.

VIRTUE: We honor God and commit ourselves to the person and model of Jesus Christ; we develop personal integrity and character by applying biblical values to our lives; and we keep step with the Holy Spirit and commit ourselves to the path for a righteous life.

SERVICE: We develop our talents to their potential and discern God's purpose for our lives; we strengthen the skills necessary for a productive place in society; we exercise civic responsibility, respect cultural, group, and individual differences, and care for others; and we prepare students for diverse vocations, graduate programs, and leadership roles.

At Vanguard University these values form the basis for teaching and learning within the context of our Pentecostal heritage and institutional identity. These values are also reflected in scope of curriculum contained within the Academic Catalog. The catalog includes important information related to schedules, policies, program overviews, and courses. It is a resource designed to assist you in your academic journey and I pray it will prove helpful to your academic success.

Ryan T. Hartwig, Ph.D.
Provost and Senior Vice President for Academic Affairs
Vanguard University of Southern California
55 Fair Drive
Costa Mesa, CA 92626
714-556-3610
http://www.vanguard.edu

## ACADEMIC CALENDAR

## 2022-2023 Academic Calendar

The academic calendar reflects important dates for The College, Graduate, and Professional Studies programs. It is based on a 16 week semester term with two, 8 -week and three, 5 -week sub-terms therein. This calendar is subject to change by the University Administration. Questions, contact the Registrar's Office at (714) 662-5200 or via email at records.support@vanguard.edu (records@vanguard.edu)

For table of add/drop dates and holidays by academic term and sub-term, projected for the next five years, visit the Office of the Registrar webpage (https://www.vanguard.edu/academics/registrar/semester-calendar/).
The College, Graduate Programs, Professional Studies ${ }^{1}$

## FALL SEMESTER, 2022

| Month | Date | Event |
| :---: | :---: | :---: |
| Aug. | 25-28 | New Student Orientation (Traditional Undergraduates) |
|  | 29 | Academic Term Begins, Monday |
|  | 29 | Session Begins for 16-Week <br> Session, 5 -Week Session One, and 8 -Week Session One |
|  | 30 | Convocation, Tuesday |
| Sept. | 2 | Last Day to Add New Courses: 5Week and 8-Week, Session One |
|  | 5 | Labor Day Holiday (No Classes, University Offices Closed), Monday |
|  | 5 | Labor Day Observed (Professional Studies Only - Class in Session, Offices Closed) |
|  | 9 | Last Day to Add New Courses: 16Week Session |
|  | 9 | Last Day to Drop Courses Without Appearing on Transcript: 16-Week, 5-Week and 8-Week Session One |
|  | 16 | Last Day to Drop Course without Academic Penalty: 5-Week, Session One |
|  | 23 | Last Day to Drop Course without Academic Penalty: 8-Week, Session One |
| Oct. | 2 | 5-Week Session One End |
|  | 3 | 5-Week Session Two Start |
|  | 7 | Last Day to Add New Courses: 5Week, Session Two |
|  | 14 | Last Day to Drop Courses without Appearing on Transcript: 5-Week, Session Two |
|  | 21 | Last Day to Drop Course without Academic Penalty: 16-Week Session and 5-Week Session Two |


|  | 23 | 8-Week Session One End |
| :---: | :---: | :---: |
|  | 24 | 8-Week Session Two Start |
|  | 28 | Last Day to Add New Courses: 8Week, Session Two |
| Nov. | 4 | Last Day to Drop a Course without Appearing on Transcript: 8-Week, Session Two |
|  | 6 | 5-Week Session Two End |
|  | 7 | 5-Week Session Three Start |
|  | 11 | Last Day to Add New Courses: 5Week, Session Three |
|  | 18 | Last Day to Drop Courses without Appearing on Transcript: 5-Week Session Three |
|  | 18 | Last Day to Drop Course without Academic Penalty: 16-Week Session |
|  | 25 | Last Day to Drop Course without Academic Penalty: 5-Week Session Three |
|  | 14-18 | Academic Registration for All Continuing Students |
|  | 23-25 | Thanksgiving Holiday (No Classes, Offices Closed) |
| Dec. | 11 | 5-Week Session Three End |
|  | 13-16 | Final Examinations, Tuesday-Friday |
|  | 18 | Last Day of Fall Term, 16-Week Session and 8-Week Session Two End |
|  | 26- Jan. 2 | Christmas Holiday Break (University Offices Closed) |

## SPRING SEMESTER, 2023

| Month | Date | Event |
| :---: | :---: | :---: |
| Jan. | 3 | University Offices Re-Open |
|  | 6-8 | New Student Orientation (Traditional Undergraduates) |
|  | 9 | Academic Term Begins, Monday |
|  | 9 | Session Begins for 16-Week Session, 5-Week Session One, and 8 -Week Session One |
|  | 13 | Last Day to Add New Courses: 5Week and 8-Week Session One |
|  | 16 | Martin Luther King Jr. Holiday (No Classes, University Offices Closed), Monday |
|  | 17 | Martin Luther King Jr. Holiday, (Professional Studies Only - Classes in session, Offices Closed), Monday |
|  | 20 | Last Day to Add New Courses: 16Week Session |
|  | 20 | Last Day to Drop Course without Appearing on Transcript: 16-Week, 5-Week and 8-Week, Session One |


|  | 27 | Last Day to Drop Courses without Academic Penalty: 5-Week, Session One |
| :---: | :---: | :---: |
| Feb. | 12 | 5-Week Session One End |
|  | 13 | 5-Week Session Two Start |
|  | 17 | Last Day to Add New Courses: 5Week Session Two |
|  | 20 | President's Day Holiday (No Classes, University Offices Closed), Monday |
|  | 20 | President's Holiday (Professional Studies Only - Classes in session, Offices Closed) |
|  | 24 | Last Day to Drop Courses without Appearing on Transcript: 5-Week, Session Two |
|  | 24 | Last Day to Drop Courses without Academic Penalty: 8-Week, Session One |
| Mar. | 3 | Last Day to Drop a Course without Academic Penalty: 16-Week Session and 5-Week Session Two |
|  | 5 | 8-Week Session One End |
|  | 6 | 8-Week Session Two Start |
|  | 10 | Last Day to Add New Courses: 8Week, Session Two |
|  | 17 | Last Day to Drop Courses without Appearing on Transcript: 8-Week, Session Two |
|  | 19 | 5-Week Session Two End |
|  | 20-26 | Spring Recess (No Classes, Offices Open), Monday-Friday |
|  | 27 | 5-Week Session Three Start |
|  | 31 | Last Day to Drop Course without Academic Penalty: 16-Week Session |
|  | 31 | Last Day to Add New Courses: 5Week Session Three |
| Apr. | 7 | Last Day to Drop Course without Appearing on Transcript: 5-Week Session Three |
|  | 7 | Good Friday (No classes, offices closed) |
|  | 10-14 | Academic Registration for All Continuing Students |
|  | 14 | Last day to drop course with academic penalty: 5-Week, Session Three |
|  | 30 | 5-Week Session Three End |
|  | 27 | Baccalaureate Chapel |
|  | 28-May 3 | Final Examinations, FridayWednesday |
| May | 4 | Commencement, Thursday |


| 7 | Last Day of Spring Term, 16-Week |
| :--- | :--- |
| Session and 8-Week Session Two |  |
| End |  |

## SUMMER TERM, 2023

| Month | Date | Event |
| :---: | :---: | :---: |
| May | 8 | Academic Term Begins, Monday |
|  | 8 | Session Begins for 16-Week Session, 5 -Week Session One, and 8 -Week Session One |
|  | 12 | Last Day to Add New Courses: 5Week and 8-Week Session One |
|  | 19 | Last Day to Add New Courses: 16Week Session |
|  | 19 | Last Day to Drop Courses without Appearing on Transcript: 16-Week, 5-Week and 8-Week Session One |
|  | 26 | Last Day to Drop Courses without Academic Penalty: 5-Week Session One |
|  | 29 | Memorial Day Observed (No Classes, Office Closed) |
|  | 29 | Memorial Day Observed, (Professional Studies Only - Classes in session, Offices Closed), Monday |
| June | 2 | Last Day to Drop Courses without Academic Penalty: 8-Week Session One |
|  | 11 | 5-Week Session One End |
|  | 12 | 5-Week Session Two Start |
|  | 16 | Last Day to Add New Courses: 5Week Session Two |
|  | 23 | Last Day to Drop Courses without Appearing on Transcript: 5-Week Session Two |
|  | 30 | Last Day to Drop without Academic Penalty: 16-Week and 5-Week Session Two |
| July | 2 | 8-Week Session One End |
|  | 3 | 8-Week Session Two Start |
|  | 4 | Independence Day (No Classes, University Offices Closed) |
|  | 4 | Independence Day Observed, (Professional Studies Only - Classes in Session, Offices Closed) |
|  | 7 | Last Day to Add New Courses: 8Week Session Two |
|  | 14 | Last Day to Drop Course without Appearing on Transcript: 8-Week Session Two |
|  | 16 | 5-Week Session Two End |
|  | 17 | 5-Week Session Three Start |
|  | 21 | Last Day to Add New Courses: 5Week Session Three |


|  | 28 | Last Day to Drop Courses without <br> Appearing on Transcript: 5-Week <br> Session Three and 8-Week Session <br> Two |
| :--- | :--- | :--- |
| Aug. | Last Day to Drop Course without <br> Academic Penalty: 5-Week Session <br> Three |  |
| 20 | 5-Week Session Three End <br> Last Day of Summer Term, 16-Week <br> and 8-Week Session Two End |  |
| 27 |  |  |

1
Dates of courses offered during summer vary, but fall within the full summer term dates.

VANGUARD UNIVERSITY

## ABOUT THE CATALOG

## GUIDE TO USING THE CATALOG

Vanguard University's catalog is a comprehensive source of information to assist students throughout their college experience. This guide informs students how to navigate the catalog by offering a glossary defining, in common language, the various academic terms and acronyms used throughout the catalog.

## UNIVERSITY STRUCTURE

The classroom faculty at Vanguard University are assigned to academic departments, which are organized within a Division or School. Residential faculty hold positions within the academic Departments and/or Division or School and are actively involved in faculty governance through service on faculty or university committees. View the Vanguard University's structure (p.10) to see each academic department and the programs of study offered.

## DISCLAIMER

The provisions of this publication are not to be regarded as the irrevocable terms of the contract between the student and Vanguard University. Changes are affected from time to time in the general regulations and in the academic requirements. There are established procedures for making changes, procedures which protect the university's integrity and the individual student's interest and welfare. A curriculum or graduation requirement, when altered, is not made retroactive unless the alteration is to the student's advantage and can be accommodated within the span of years normally required for graduation.

## RELIGIOUS EXPRESSION DISCLOSURE

Vanguard University is a private, coeducational, comprehensive university of liberal arts and professional studies that believes its Spirit-empowered Christian community provides a supportive and challenging environment in which to pursue a quality education. The University assumes that it is essential to offer educational opportunity within a context of free inquiry and academic integrity. Vanguard University is a community that encourages individual integrity and responsibility in accordance with biblical Christianity and its social and ethical implications.

Vanguard University is committed to providing a learning and living environment that promotes safety, transparency, personal integrity, civility, mutual respect and freedom from discrimination. As a Christian university affiliated with the General Council of the Assemblies of God, USA (Springfield, MO) through the Southern California District of the Assemblies of God (Irvine, CA), Vanguard University is exempted from certain provisions of federal Title IX of the Education Amendments of 1972 and the California Equity in Higher Education Act that are not consistent with its religious tenets and mission. These exemptions may apply to, but are not limited to, requirements in the university's community standards, housing policies, admissions processes, employee hiring and general employment practices. Vanguard University retains all rights afforded under federal law and the laws of the State of California.

## STATEMENT ON DIVERSITY

Vanguard University believes a core component of our purpose is to cultivate Spirit-empowered and Christ-centered leaders of the 21 st century through Scripture teachings and practices which promote Diversity and Inclusion. Through our mission, vision and institutional learning outcomes we purposely strive to cultivate an inclusive community that fosters respect for people, participation in advocacy and awareness of social justice related issues. As members of the Body of Christ, we actively engage in the exploration and celebration of differences amongst our individual community members. This commitment to diversity is grounded not simply in the current cultural zeitgeist but in what the Christian scriptures have to say about:

1. all human beings being created in the imago Dei-image of God -(Genesis 1:27; 9:6);
2. the come and coming kingdom of God being made up of "a great multitude that no one could count, from every nation, tribe, people and language" (Revelation 7:9); and
3. the present need for the members of Christ's body to recognize their need for one another in order to accomplish the will of God (1 Corinthians 12:12-26).

Moreover, this commitment to diversity is further fueled by the clear teaching of Scripture that God wills that his people care deeply about justice and boldly advocate for the fair and loving treatment of all members of society (e.g., Exodus 23:6; Leviticus 19:15; Psalm 140:12; Proverbs 29:7; Ezekiel 22:29; Amos 5:12; Matthew 12:18; 23:23).

The term diversity is defined by differences in physical appearance, ability, background, perspectives, and beliefs. At Vanguard University, we believe that a biblically and theologically informed understanding of diversity mandates that we do our best to overcome any form of discrimination with respect to race, ethnicity, socio-economic status, national and geographical origin, religion, ability, gender, political ideology, participation or non-participation in the military, and age.

Our commitment to diversity stems from our belief God created everyone with dignity with a plan to be connected to others and only judged by Him. Therefore, in humility we teach the importance of respect for every individual's unique story and interpretation of the world from their historically and culturally different purview. We are purposeful in fostering an environment where students feel empowered to share their perspectives, experiences, practices, values and beliefs. Though committed to the authority of Scripture, the lordship of the risen Jesus, and the need to do our best to "keep in step" with the Holy Spirit, we aim to function as an inclusive community which welcomes authentic dialogue and critical thinking toward the development of the cultural competency skills necessary for successful leaders committed to lives of truth, virtue, and service in a global society.

Without losing sight of our commitment to the fulfilling of the Great Commission (Matthew 28:18-20), Vanguard staff, faculty, and administration, strive to excel in the curricular and co-curricular collaboration required to expose our students to the diverse ideologies and complex issues of twenty-first century pluralistic society. We will employ best practices to cultivate an atmosphere of cultural appreciation and awareness of the intersectionality among the various layers of diversity. Our student programming, discussion forums, trainings, and seminars will generate understanding and prepare students to succeed

VANGUARD UNIVERSITY
spiritually, morally, missionally, professionally and personally in the global marketplace, where people, perspectives and practices may vary from their own. Finally, Vanguard University will equip our students with the tools to live out Micah 6:8, "...to do justly, to love mercy and to walk humbly with God."

## University Structure <br> DIVISION OF ARTS, EDUCATION, and HUMANITIES <br> THE CORE CURRICULUM

- The Core Curriculum (Undergraduate College)
- General Education Curriculum (School for Professional Studies)


## ARTS AND FINE ARTS

- Minor in Art


## DEPARTMENT OF ENGLISH <br> UNDERGRADUATE COLLEGE

- Bachelor of Arts in English
- Minor in Journalism and Digital Media
- Minor in English
- English Subject Matter Preparation (Teaching Credential)
- Integrated Teacher Education Program (ITEP)


## DEPARTMENT OF EDUCATION <br> UNDERGRADUATE COLLEGE

- Bachelor of Arts in Liberal Studies
- Bachelor of Arts in Liberal Studies with Emphases in
- Biological Science
- Communication
- English Literature
- Early Childhood
- English Writing
- History and Political Science
- Kinesiology
- Mathematics
- Music
- Physical Science
- Psychology
- Sociology
- Special Education
- Theatre Arts
- Integrated Teacher Education Program (ITEP)
- Biology
- Chemistry
- English
- Liberal Studies
- Mathematics
- Social Science
- Minor. Elementary Education


## SCHOOL FOR PROFESSIONAL STUDIES

- Bachelor of Arts in Early Childhood
- Bachelor of Arts with a Concentration in Special Education
- Bachelor of Arts with a Concentration in STEM/STEAM
- Certificate in Early Childhood
- Certificate in Transitional Kindergarten
- Minor. Early Childhood Education
- Minor. Liberal Studies


## GRADUATE PROGRAMS

- Master of Arts in Education
- California Preliminary Credential Program
- Teacher Credential Program


## DEPARTMENT OF MUSIC

- Bachelor of Arts in Music
- Bachelor of Arts in Music with a Concentration in Worship Leadership
- Bachelor of Music Professional Degree
- Bachelor of Music Pre-Teacher Certification (Music Education)
- Minor in Music


## DEPARTMENT OF THEATRE ARTS

- Bachelor of Arts in Theatre Arts: Stage and Screen Acting/Directing Concentration
- Bachelor of Arts in Theatre Arts: Musical Theatre Concentration
- Bachelor of Arts in Theatre Arts: Technical Design Concentration
- Minor in Theatre


## DIVISION OF BUSINESS AND COMMUNICATION

## DEPARTMENT OF BUSINESS AND MANAGEMENT UNDERGRADUATE COLLEGE

- Bachelor of Arts in Accounting
- Bachelor of Arts in Business Administration
- Bachelor of Arts in Business Administration with optional concentration in
- International Business
- Management
- Organizational Psychology
- Bachelor of Arts in Marketing
- Minor in Business


## School for PROFESSIONAL Studies

- Bachelor of Arts in Business Administration
- Bachelor of Arts in Management
- Minor in Business
- Optional Concentrations for Business Administration or Management
- Human Resource Management
- Leadership
- Management
- Marketing
- Ministry Leadership
- Organizational Psychology


## DEPARTMENT OF COMMUNICATION

- Bachelor of Arts in Communication with concentration in Communication Studies
- Bachelor of Arts in Communication with concentration in Film and Visual Storytelling
- Bachelor of Arts in Communication with concentration in Health Communication
- Bachelor of Arts in Communication with concentration in Public Relations
- Bachelor of Arts in Communication with concentration in Technology and Emerging Media


## DIVISION OF NATURAL, PHYSICAL and HEALTH SCIENCES

## DEPARTMENT OF BIOLOGY

UNDERGRADUATE COLLEGE

- Bachelor of Science in Biology
- Bachelor of Science in Biology with a concentration in Biomedical
- Bachelor of Science in Biology with a concentration in Neurobiology
- Bachelor of Science in Biology with Education Minor (ITEP/ VISTA)
- Bachelor of Science in Biotechnology
- Minor in Biology


## GRADUATE PROGRAM

- Master of Science in Biotechnology (4+1 Program)
- Master of Science in Biotechnology


## DEPARTMENT OF CHEMISTRY AND ENVIRONMENTAL SCIENCE <br> UNDERGRADUATE COLLEGE

- Bachelor of Science in Biochemistry
- Bachelor of Science in Chemistry
- Bachelor of Science in Chemistry with Education Minor (ITEP/ VISTA)
- Bachelor of Science in Engineering Physics
- Bachelor of Science in Environmental Sciences
- Minor in Chemistry


## DEPARTMENT OF KINESIOLOGY UNDERGRADUATE COLLEGE

- Bachelor of Science in Kinesiology with a concentration in Health and Human Performance
- Bachelor of Science in Kinesiology with a concentration in PreHealth Professions
- Minor in Kinesiology


## DEPARTMENT OF MATHEMATICS AND PHYSICAL SCIENCES <br> UNDERGRADUATE COLLEGE

- Bachelor of Science in Actuarial Science
- Bachelor of Science in Data Science
- Bachelor of Science in Mathematics
- Bachelor of Science in Mathematics: Education Minor (ITEP/ VISTA)
- Minor in Mathematics
- California Teaching Credential in Mathematics


## DEPARTMENT OF NURSING undergraduate college

- Bachelor of Science in Nursing (Pre-Licensure)

School for PROFESSIONAL studies

- Bachelor of Science in Nursing (RN to BSN)


## GRADUATE PROGRAM

- Master of Science in Nursing
- Master of Science in Nursing (RN to MSN)
- Post-Master Clinical Nurse Specialist Certificate
- Post-Master Mental Health Nurse Practitioner Certificate


## DIVISION OF SOCIAL AND BEHAVIORAL SCIENCES

## DEPARTMENT OF HISTORY and POLITICAL SCIENCE UNDERGRADUATE COLLEGE

- Bachelor of Arts in History and Political Science
- Bachelor of Arts in History and Political Science ITEP B.A
- Minor in History and Political Science
- Minor in Pre-Law Studies
- Minor in Public Policy


## DEPARTMENT OF SOCIOLOGY

UNDERGRADUATE COLLEGE

- Bachelor of Arts in Sociology
- Minor in Criminology \& Criminal Justice
- Minor in Public Health
- Minor in Social Work
- Minor in Sociology


## DEPARTMENT OF PSYCHOLOGY UNDERGRADUATE COLLEGE

- Bachelor of Arts in Psychology
- Minor in Psychology


## SCHOOL FOR PROFESSIONAL STUDIES

- Bachelor or Arts in Psychology
- Bachelor of Arts in Psychology: Concentration in Human Development


## GRADUATE PROGRAMS

- Graduate Certificate in Intercultural and Inclusive Leadership
- Graduate Certificate in Talent Development and Organizational Analysis
- Master of Arts in Organizational Psychology
- Master of Science in Clinical Psychology
- Master of Science in Industrial and Organizational Psychology


## DIVISION OF THEOLOGY

DEPARTMENT OF THEOLOGY
UNDERGRADUATE COLLEGE

- Certificate in Anti-Human Trafficking
- Bachelor of Arts in Theology
- Minor in Theology
- Minor in Women and Justice


## SCHOOL FOR PROFESSIONAL STUDIES

- Certificate in Anti-Human Trafficking
- Bachelor of Arts in Theology
- Bachelor of Arts in Theology with Concentration in Ministry and Leadership
- Minor in Theology


## GRADUATE PROGRAM

- Master of Arts in Leadership Studies
- Master of Arts in Theology
- Optional Concentrations for Leadership Studies
- Spiritual Formation
- Hispanic Leadership
- Women and Justice


## INSTITUTES AND CENTERS

## THE GLOBAL CENTER FOR WOMEN AND JUSTICE

- Certificate in Anti-Human Trafficking
- Minor in Women and Justice (College)

THE JESSE MIRANDA CENTER FOR HISPANIC LEADERSHIP<br>THE JUDKINS LEADERSHIP INSTITUTE<br>THE LEWIS WILSON INSTITUTE FOR PENTECOSTAL STUDIES

# GENERAL UNIVERSITY INFORMATION 

## Overview

Vanguard University (VU) is a private, coeducational, comprehensive university of liberal arts and professional studies that believes its Spiritempowered Christian community provides a supportive and challenging environment in which to pursue a quality education. The University assumes that it is essential to offer educational opportunity within a context of free inquiry and academic integrity. Such opportunity includes examining the Christian heritage, the claims of Christ, the charismatic involvement of the church, and the revelation of God. VU is a community that encourages individual integrity and responsibility in accordance with biblical Christianity and its social and ethical implications.

As a small community-approximately 2,200 within the student body, faculty, staff, and administration-the University offers a relational culture where professor-mentors serve students. The student/faculty ratio is 17:1. Most classes are small, which allows opportunity for academic inquiry and the personal interaction which is invaluable for learning.

- History of Vanguard University (p. 13)
- Identity Statement (p. 13)
- Mission, Vision and Values (p. 13)
- Location and Campuses (p. 14)
- Institutional Accreditation (p. 14)
- University Institutes and Centers for Learning (p. 15)


## History of Vanguard University

During the Summer of 1920, Harold K. Needham, D. W. Kerr, and W. C. Peirce opened a school to prepare Christian workers for the various ministries of the church. The new institute, Southern California Bible School, moved from Los Angeles to Pasadena in 1927. In 1939 it was chartered by the State of California as a college eligible to grant degrees, and it became Southern California Bible College-the first four-year institution of the Assemblies of God. In 1943 the college received recognition by the government for the training of military chaplains. It moved to the present campus in 1950. The name was changed to Southern California College nine years later when majors in the liberal arts were added to the curriculum.

Regional accreditation and membership in the Western Association of Schools and Colleges were granted in 1964. In 1967 the College received recognition and approval of its teaching credential program from the California State Board of Education. In June 1983 the Graduate Studies Program received approval from the Western Association of Schools and Colleges. A Degree Completion Program was started in 1994 for adult learners. On July 1, 1999, university status was achieved when Southern California College registered with the Secretary of State's Office as Vanguard University of Southern California. The University is comprised of the College and the School for Graduate and Professional Studies.

In addition to its founding president, Harold K. Needham, Vanguard University has had the able leadership of nine presidents: Daniel Kerr,

Irvine J. Harrison, John B. Scott, O. Cope Budge, Emil A. Balliet, Wayne E. Kraiss, Murray W. Dempster, Carol A. Taylor and Michael J. Beals.

For one hundred years, Vanguard University has been a leader in educational innovation within its denomination, preparing students for all types of ministry and professional vocations. As a Christian university, Vanguard is constantly seeking to expand its influence and service through education that provides excellence without compromise for the glory of Jesus Christ.

## Identity Statement

Affiliated with the General Council of the Assemblies of God, USA (https://ag.org/About/About-the-AG/) (Springfield, MO) through the Southern California District of the Assemblies of God (http:// socalnetwork.org/) (Irvine, CA), the university embraces the Assemblies of God doctrinal statement and its Pentecostal heritage of Spiritempowered life and thought. Faculty, staff, and students display considerable diversity in denominational affiliation, cultural expression, and academic pursuits. Together they affirm the authority of Scripture, the Lordship of Jesus Christ, and belief that human nature, though marred by sin, enjoys nevertheless the potential of personal redemption through God's salvation in Jesus Christ. From this Evangelical and Pentecostal perspective, the Vanguard community commits itself to global Christian witness and to faithfully serving our communities, our nation, and our world in Christ's name, embracing the values of Truth, Virtue, and Service.

The University believes that scholarship in the arts, sciences, and professional studies illuminated by Christian truth fosters the intellectual development, moral maturity, and spiritual vitality of students. A Vanguard education, therefore, promotes the integration of faith, learning, and living.

The University is committed to providing professor-mentors that live in dynamic community with students. A hallmark of a Vanguard education is the emphasis on the relational and collaborative nature of learning. Caring and supportive relationships among students, faculty and staff provide opportunities for persons to share their faith journeys, to explore their hopes, and to nourish their souls. The community provides a safe and exciting place where we believe the Holy Spirit inspires and empowers scholarship, creative expression, witness, service, and exploration of God's world.

## Mission, Vision and Values UNIVERSITY MISSION

The mission of Vanguard University is to pursue knowledge, cultivate character, deepen faith, and equip each student for a Spirit-empowered life of Christ-centered leadership and service.

## UNIVERSITY VISION

Vanguard University will be the source of Christian Higher Education for Orange County. We will accomplish this vision through the following student-focused strategies:

- Accessibility - pave clear pathways to a Vanguard education.
- Affordability - make the Vanguard educational experience financially attainable.
- Facilities - build facilities that enhance the quality of the Vanguard experience.
- Success - Cultivate resources and support for academic and career achievement.


## INSTITUTIONAL CORE VALUES

The vision that guides the Vanguard community is rooted in the University's heritage as an institution of the Pentecostal tradition which was birthed out of the Azusa Street Revival in Los Angeles, California, at the turn of the twentieth century. From its inception, the movement generated a multicultural, multiracial, and gender-inclusive community of Spirit-empowered Christian believers who were committed to peacemaking and reconciliation. With global consciousness, these foremothers and forefathers of a renewed Christian faith carried the good news of the gospel around the world.

A strong commitment to cultural diversity, racial reconciliation, and gender equality is a consequence of Vanguard University being deeply grounded in the faith tradition that brought the University into existence. Moreover, these core values continue to define the institutional vision that pulls the Vanguard community forward toward its mission and educational targets and goals. Within this Christian context of inclusiveness, the University aims to provide a quality educational experience marked by the pursuit of truth, the cultivation of virtue, and the desire for service.

These three values inherent in the Vanguard University educational experience-truth, virtue, and service -are enshrined in the University motto and embossed on its official seal.

TRUTH - As members of the Vanguard community we strive to

- pursue truth by understanding the Word of God and by knowing Christ, who is Truth;
- develop critical and creative thinking skills for careful, reasoned, and independent analysis of competing ideas;
- engage in scholarship with integrity and excellence; and
- explore, participate in, and contribute to our cultural, intellectual, and spiritual heritage.

VIRTUE - As members of the Vanguard community, we endeavor to

- honor God and commit ourselves to the person and model of Jesus Christ;
- develop personal integrity and character by applying biblical values to our lives;
- understand and accept the responsibilities of living in a free society; and
- transcend the limitations and errors of the prevailing culture, and through a wholeness of vision, choose and hold to the path for a righteous life.

SERVICE - As members of the Vanguard community we work to

- develop our talents to their potential and discern God's purpose for our lives;
- strengthen the skills necessary for effective communication of ideas and for a productive place in society;
- prepare students for diverse vocations, graduate programs, and leadership roles; and
- exercise civic responsibility, respect cultural and individual differences, and care for others.

In order to develop continuously as an inclusive community growing in truth, virtue, and service, the University invites its members to a life lived in response to the claims of the Kingdom of God, in which the transcendent realities of the gospel are brought to bear on the real life challenges which they face as citizens of the twenty-first century.

## Location and Campuses ORANGE COUNTY AND THE CITY OF COSTA MESA

Vanguard University is located in the central Orange County coastal city of Costa Mesa, adjacent to State Route 55 at Fair Drive. Minutes from California state beaches and within a 60-to-90-minute drive of Los Angeles and San Diego, Vanguard University extends students the opportunity to explore living in Southern California while contributing actively to residential life. In addition to on-campus chapel worship, students can attend numerous church communities in the local area and continue their education at scores of libraries, museums and cultural points of interest throughout the region. The temperate climate of Costa Mesa enables students to access year-round outdoor activities, making Orange County an ideal place to learn and live. In addition, Orange County affords students excellent prospects for work and career advancement during their Vanguard University experience and following graduation.

## VANGUARD UNIVERSITY CAMPUSES

The main university campus, located in Costa Mesa, California and covers nearly forty acres. Major campus buildings include the John B. Scott Academic Center, Heath Academic Center, Smith Hall, Harold K. Needham Memorial Prayer Chapel, O. Cope Budge Library, Waugh Student Center and a series of Athletic fields hosting our athletics programs. Additionally, the university campus has six residence facilities: Balboa Hall, Catalina Hall, Huntington Hall, Laguna Hall, Newport Hall, and Vanguard Centre. Vanguard Centre is comprised of four separate residence buildings and is in close proximity to the main campus. In addition to the main campus in Costa Mesa, additional locations for academic and administrative programs include Bakersfield, Fullerton, and Santa Ana, California.

Please visit our website to view the main campus map (https:// www.vanguard.edu/about/map-location/).

## Institutional Accreditation INSTITUTIONAL LEARNING OUTCOMES

Vanguard University has six Institutional Learning Outcomes (ILOs) to demonstrate core competencies: integration of faith and learning, cultural competency and citizenship, communication, critical thinking, holistic living, and information competency. More information on Institutional Learning

Outcomes can be found in the Core Curriculum section of the academic catalog.

## ACCREDITATION

Vanguard University is a member of and accredited by the WASC Senior College and University Commission (WSCUC) (https://www.wscuc.org/ about//, the regional accrediting body for colleges and universities in California. The university also holds special accreditations for the following programs:

- California Commission on Teacher Credentialing (CCTC) (https://www.ctc.ca.gov/commission/default/)for the graduate education teacher credential program for multiple and single subjects.
- Commission on Collegiate Nursing Education (CCNE) (http:// www.ccneaccreditation.org/) for the baccalaureate and master's degree programs in Nursing.
- National Association of Schools of Music (NASM) (https:// nasm.arts-accredit.org/)
- National Association of Schools of Theatre (NAST) (https:// nast.arts-accredit.org/)

Vanguard University is also endorsed by The Alliance for Assemblies of God Higher Education (AAGHE).

## INSTITUIONAL AFFILIATIONS

Vanguard University holds institutional membership with the following associations: Association of Governing Boards (AGB) (https://agb.org/); (https://aiccu.edu/page/ourcolleges/)Association of Independent California Colleges and Universities (AICCU) (https://www.aiccu.edu/ about/); Council of Christian Colleges and Universities (CCCU) (https:// www.cccu.org/about/); National Association of Independent Colleges and Universities (NAICU) (https://www.naicu.edu/); Evangelical Council for Financial Accountability (ECFA) (https://www.ecfa.org/ About.aspx); Hispanic Association of Colleges and Universities (HACU) (https://www.hacu.net/hacu/default.asp).

## University Institutes and Centers for Learning

Vanguard University is committed to preparing students through an education marked by academic excellence and spiritual vitality for productive service in a variety of vocations and ministries that are matched to the marketplace of the 21 st century. In casting the vision of its preferred future as a leading Christian university, Vanguard University draws upon its distinctive Pentecostal heritage to advance an adventurous spirit that forges partnerships between the university, the church, and the community in promoting Christian witness, scholarship, civic responsibility, and social transformation. A strong commitment to cultural diversity, racial reconciliation, and gender equality is a consequence of Vanguard University being deeply grounded in the Pentecostal faith, a tradition that brought the university into existence. These core values continue to define the university's institutional vision. Within this Christian context of inclusiveness, the university aims to provide a quality educational experience marked by the pursuit of truth,
the cultivation of character, and the desire for service. The following institutes and centers help to advance the University's mission.

## The Global Center for Women and Justice

Sandra Morgan, Ph.D., Director
Derek Marsh, Associate Director
Founded in 2003, the Global Center for Women and Justice (https:// www.gcwj.org/) (GCWJ) promotes gender reconciliation and the inherent dignity of all persons through research, education, advocacy, and collaboration to build Hope. Our efforts include a focus on anti-human trafficking and offer interdisciplinary studies programs, integrated research, victim-survivor advocacy, education on issues impacting vulnerable and at-risk populations and partnerships and prevention efforts with local and global victim advocacy, business, educational, law enforcement, government and non-profit agencies. GCWJ prepares students to address the global status of women and vulnerable populations through collaborative and restorative justice principles.

## The Judkins Institute for Leadership Studies

Douglas Petersen, Ph.D., Executive Director Roger Heuser, Ph.D., Director, Leadership and Spirituality

The mission of the The Judkins Institute for Leadership Studies promotes leadership, which develops the spirit, character and ethics of purposeful and transformative organizations. This is done by striving to be a growing, diverse learning community of business, community and religious leaders who join together in dialogue and action in order to transform our enterprises through justice and compassion. In collaborating with leadership partners in business, community and religious organizations, The Judkins Institute for Leadership Studies conduct research, promote the formation of leaders, and develop resources.

## The Lewis Wilson Institute for Pentecostal Studies

Jonathan Allbaugh, Ph.D., Director and Dean of Missional Effectiveness
The Lewis Wilson Institute for Pentecostal Studies encourages and supports the study of the Pentecostal and Charismatic movements. The Institute serves as a conference and research center for scholars, church leaders, students and others who are interested in probing the historical significance and contemporary global role of Pentecostalism and the Charismatic movements. Activities of the Institute include sponsoring lectureships, seminars and roundtables and an annual Pentecostal Leaders Series; overseeing a Pentecostal bibliographic collection; encouraging undergraduate and graduate study in Pentecostalism; publishing occasional monographs and other materials pertinent to the study of Pentecostalism. The Lewis Wilson Institute for Pentecostal Studies is named in the honor of Dr. Lewis Wilson, Professor of History, who retired at the end of the 1994-95 academic year after offering twentyeight years of service at Vanguard University, and over forty years of continuous service as an Assemblies of God and Pentecostal educator.

## The Jesse Miranda Center for Hispanic Leadership

Norlan Hernández, Ph.D., Director

The Jesse Miranda Center for Hispanic Leadership At Vanguard University exists to educate, equip, and empower Latina/o leaders for the purpose of transforming the campus, church, and community through education and partnerships. The center's purpose rests on the three pillars --leadership, education, and partnership. The center seeks to nurture leadership within three constituents: campus (students, staff, and faculty), church, and community. There are three major foci for the center's educational efforts: Research development, leadership development, cross-cultural development. The center also seeks to maximize key relationships to achieve its mission. Hence, collaboration with campus, church, and community partners is critical. UNIVERSITY

## ADMISSIONS INFORMATION

Mission: The mission of the Admissions Office is to market VU effectively with integrity to the Christian prospective student population, and to provide high quality admissions counseling and information to prospective students and their families, pastors, and high school guidance counselors.

- Admissions - The College (p. 17)
- Admissions - Professional Studies and Non-Traditional Education (p. 19)
- Admissions - Graduate Programs (p. 21)
- International Students (p. 22)
- Education and Training Benefits for Veterans (p. 22)


## Admissions - Undergraduate College UNDERGRADUATE COLLEGE

## SELECTIVE ADMISSION

The traditional undergraduate programs of Vanguard University practice selective admission and encourage applications from Christian students who desire an education that integrates the Christian faith with learning and living, provides intellectual challenge and growth, and fosters spiritual commitment. The traditional undergraduate programs, therefore, review applicants' academic records, moral character, and willingness to comply with the standards and values of the University. All applicants are evaluated without regard to race, gender, age, political affiliation, national origin, or disabling conditions.

The average freshman enters Vanguard with a high school unweighted core academic, grades 10-11, GPA of approximately 3.3. The preferred minimum GPA for freshman students is 2.7. The average transfer enters Vanguard with a cumulative transfer GPA of approximately 3.2. The preferred minimum cumulative GPA for transfer students is 2.5 .

## HIGH SCHOOL PREPARATION

The traditional undergraduate programs do not require a set pattern of high school subjects. However, a strong college preparatory program in high school is vigorously recommended. The following high school courses are considered basic for college admission:

- English - 4 years
- Laboratory Science - 2 years
- Mathematics - 3 years
- History/Social Science - 2 years
- Foreign Language - 2 years
- Visual and Performing Arts - 1 year

High school students could further enhance their experience in college by taking additional courses in the disciplines above and other courses in humanities, foreign language, and practical application courses such as those requiring computer literacy.

## APPLICATION DEADLINE

## FALL SEMESTER

- December 1 - Early Action Deadline with application decision by January 15
- January 15 - Priority Deadline with application decision by March 2
- March 2 - Regular Decision Deadline with application decision within four weeks
- August 1 - Rolling Admission Deadline with application decision upon receipt of supporting documentation


## SPRING SEMESTER

- December 1 - Regular Decision Deadline with application decision within four weeks.

Students desiring financial aid should submit a "Free Application for Federal Student Aid" (FAFSA) online https://studentaid.gov/h/apply-foraid/fafsa (https://studentaid.gov/h/apply-for-aid/fafsa/) by the priority deadline of March 2. In order to meet the March 2 priority deadline for financial aid, California residents must also file the GPA verification form with the California Student Aid Commission by March 2.

## FIRST-TIME COLLEGE FRESHMAN

Applicants for admission to VU as freshmen must follow the procedure outlined below:

1. Submit the online application or PDF version which can be retrieved at http://www.vanguard.edu/applynow (http://www.vanguard.edu/ applynow/).
2. Official high school or GED transcript. Applicants are also responsible to request that their final high school transcript, with graduation date be submitted upon graduation.

- Students who have graduated from a non-regionally accredited or non-ACSI accredited high school, or who have been homeschooled must achieve satisfactory test scores from the ACT or SAT in order to be considered for admission and financial aid. More weight will be placed on standardized test performance.


## TRANSFER STUDENTS

Students desiring admission by transfer from a recognized college or university will follow the same basic procedure outlined for freshmen above. Please note that students are not guaranteed admission by meeting minimum standards. Transfer students are also subject to the following requirements:

1. Official Transcripts. Official college transcript(s) of all college work must be sent to the Undergraduate Admissions Office. Credit for courses receiving less than a grade of "C-" will not transfer. A course receiving the grade of " $D$," however, may satisfy core curriculum requirements for graduation at Vanguard University. No more than three core curriculum requirements can be satisfied with a "D" grade. At no time will transfer students be admitted until they present evidence of honorable dismissal from the institution last attended. Transcripts submitted to Vanguard become the property of VU and will not be returned or duplicated.
2. High School Completion. Final official high school transcript or diploma, GED certificate or transcript, transcript stating 2-year program completion and specifically Associate of Arts or Associate of Science, home school credential or transcript, or proof of passing
both sections - English-language Arts and Mathematics - of the California Proficiency Examination (CHSPE).
3. Community Colleges. A maximum of seventy (70) units may be transferred from community colleges. Work considered as terminal, occupational, or industrial arts will not be included in the minimum 120 unit hours required for graduation.
4. Unaccredited Bible college transfers. Students transferring from non-regionally accredited Bible colleges may be able to transfer a maximum of 30 units upon approval from the Chair of the Department of Religion. A college catalog and course syllabi are required for the evaluation process. Schools accredited by the Association of Biblical Higher Education or Transnational Association of Christian Colleges and Schools may receive a maximum of 60 units in transfer. Students who have matriculated into VU, may not transfer units from unaccredited institutions.
5. Minimum Required Units. A minimum of twenty-four (24) of the last thirty (30) units ${ }^{1}$ and at least one-half of an academic major must be taken at Vanguard University.
6. Core Curriculum. Transfer students who have not fully met the core curriculum requirements of Vanguard University may be allowed to satisfy these deficiencies by substituting similar courses from those that were accepted. The Registrar will make such determinations.
7. The same guidelines that are followed to determine course equivalencies for students following IGETC (see "Course Articulation with California Community College" section) will be used for those transferring from 4-year institutions.
8. Religion requirements. Religion courses may be transferred, but must be taken from a recognized Christian institution. The number of core curriculum Religion courses required for transfer students is reduced based on the number of units accepted in transfer to Vanguard.
a. 47-77 units transferred
12 units
b. 78-93 units transferred 9 units
c. 94 or more units transferred 6 units

1

Veterans and active duty military are exempt from this requirement.

## COURSE ARTICULATION WITH CALIFORNIA COMMUNITY COLLEGES

Students who are considering transferring to Vanguard University from a California Community College should follow either the California State University (CSU) pattern of study with the Intersegmental General Education Transfer Curriculum (IGETC) at the community college of attendance or the CSU General Education Breadth Requirements.

## Guidelines for those following IGETC:

Areas 1 through 5 (CSU pattern) must be followed with the following exceptions:

- Area 4: Social and Behavioral Sciences: Only 6 units are required in two different disciplines.
- Area 5: Sciences: Only one class in Group A or B is required, but it must include a corresponding lab.
- American Institutions Requirement of U.S. History OR U.S. Government is required.


## Guidelines for those following the CSU General Education Breadth Requirements:

Areas A through E must be followed with the following exceptions:

- Area B: Sciences: only 1 class in group B1 or B2 is required, but it must include a corresponding lab. A math class in group B4 is required for a minimum of 7 units in Area B.
- Area D: Social and Behavioral Sciences: only 6 units are required in 2 different disciplines
- Area E: Life Skills: Personal health lecture course and activity courses that are equivalent to VU's KINE 145C/146C will fulfill the Lifetime Fitness/Wellness requirement
- American Institutions Requirement of U.S. History OR U.S. Government is required.

In addition, students who transfer to Vanguard University will be required to take additional core curriculum coursework:

- fifteen (15) units of religion (See \#11 in "Transfer Students" section for more information)
- three (3) units of a Multicultural Exposure course (may be transferred to VU. Some courses in Areas 3 and 4 (IGETC) or Areas C and D (CSU Gen Ed Breadth) will also meet this requirement)
- two (2) units of fitness/wellness courses (1 unit lecture and 1 unit of physical activity may be transferred to VU)

Students at any California community college have the option of transferring to Vanguard University before completion of the entire IGETC pattern or CSU Gen Ed Breadth requirements.

Partial or full completion of the IGETC pattern or CSU General Education Breadth requirements does not guarantee admission to Vanguard University. Students may be approved for admission after an application for admission has been filed with the Undergraduate Admissions Office at VU.

Only students who are not currently enrolled, and who have not been previously enrolled, at Vanguard University may use the IGETC pattern or CSU General Education Breadth requirements to meet the core curriculum requirements at VU.

## EDUCATION AND TRAINING BENEFITS FOR VETERANS

For more information on education and training benefits available for military veterans and/or their dependents, please visit the Education and Training Benefits for Veterans page or contact the School Certifying Official (veteranscertifyingofficial@vanguard.edu).

## Air Force Reserve Officer Training Corps (ROTC) Agreement

Air Force Reserve Officer Training Corps (AFROTC) educates and trains highly qualified undergraduate and graduate students for commissioning as officers in the United States Air Force. AFROTC offers a variety of two, three, and four-year scholarships, many of which pay the full cost of college tuition, books and administrative fees. Additionally scholarship recipients and all students who successfully complete a Summer
training session at the end of their second year receive a monthly tax free personal payment.

Through arrangements with Loyola Marymount University (LMU) in west Lost Angeles, Vanguard University will accept 16 transfer units from students enrolled in its Air Force Reserve Officer Training Corps (AFROTC) program. In addition, students currently enrolled at Vanguard may participate in the AFROTC program as part of their studies. For more information, contact the Loyola Marymount University Department of Aerospace Studies (AFROTC) at 310-338-2770 or visit their website at http://academics.Imu.edu/afrotc/.

## Army Reserve Officer Training Corps (ROTC) Agreement

Vanguard University participates in an Education Service Agreement with California State University, Fullerton (CUSF) which allows for the awarding of transfer units. Vanguard accepts all baccalaureate level Military Science units receiving a grade of "C-" or higher, with a maximum of eight (8) physical activity units (all institutions combined).
Scholarships may be awarded to eligible students. Eligible students are determined by CSU-Fullerton. For more information on the ROTC program at CSU-Fullerton, please go to their website at: https:// catalog.fullerton.edu/

## RE-ADMISSION

Students interrupting their educational program by not registering in any subsequent Spring or Fall semester without an approved leave of absence will be administratively withdrawn and must submit a simplified Abbreviated Application (with a \$15.00 application fee) to the Undergraduate Admissions Office. If the length of absence from VU exceeds two consecutive semesters, the student will be required to meet any new graduation requirements which may be in effect at the time of re-admission. Students, who have completed twenty-four (24) units at VU and have formerly declared a major, after being out of attendance for no more than two consecutive semesters, may return finding that the requirements have not changed.

## INTERNATIONAL STUDENTS

Refer to the International Students Admission page for more information.

## NOTIFICATION OF APPLICATION DECISION

Students applying by the December 1 Early Action Deadline will be notified of their application decision by January 15. Students applying by the January 15 Priority Deadline will be notified of their application decision by March 2. Student applying by the March 2 Regular Decision Deadline will be notified of their application decision within four weeks. Upon acceptance to Vanguard University, an acceptance packet will be mailed to each applicant that includes an acceptance letter, along with additional information to assist you in college planning. The following procedures must be completed once admitted:

1. Residence Arrangements. All students will submit an on-campus housing application or an off-campus housing petition to the Office of Residence Life. Permission to live off campus is not considered official until confirmed in writing by the Office of Residence Life.
2. Enrollment Deposit. Prior to securing class registration and campus housing, admitted students must submit a $\$ 300$ enrollment deposit to the Undergraduate Admissions Office. Students wishing to live on campus must submit a $\$ 200$ housing deposit. These deposits are
non-refundable after May 1 for Fall term applicants, and December 1 for Spring term applicants.

## STUDENT CLASSIFICATION IN VANGUARD UNIVERSITY'S UNDERGRADUATE COLLEGE

Regular Students-Students who have fully met all the requirements for admission, have been admitted to candidacy for a degree, and are making satisfactory progress toward graduation.

Provisional Students-A limited number of students who do not meet all the admission requirements may be admitted as "provisional" students. Students admitted provisionally may be limited to fifteen (15) units.

In order to receive regular classification and continue at VU, provisional students must attain a 2.0 grade point average in their first semester of full-time enrollment.

Non-Degree Students-Students who are allowed to attend Vanguard University without submitting the credentials required for admission with regular status. Abbreviated application forms are available through the Undergraduate Admissions Office. Types of non-degree students include:

- Students taking Continuing Education Units. Units are not degree applicable.
- Students seeking Certificates. Certificate students may only take coursework that applies to the certificate they are pursuing.
- Students-at-Large. Students-at-Large earn academic credit for work completed successfully, but they are not considered degree-seeking students at Vanguard University. The Student-at-Large classification is possible only for those taking six (6) units or less during any semester except the Summer term.

Auditors-Students may attend class with no obligation to participate actively in the work. For such students, no examinations are given, no assignments are requested or marked; however, no credit may be obtained for such attendance. Auditors pay the auditing fee. A student must attend at least $50 \%$ of the class sessions in order to have the audited course recorded on the transcript.

## Student Records

Records submitted for the purpose of admission or for recording supplemental work become part of the student's permanent record file and may not be reclaimed or duplicated. This includes, but is not limited to educational transcripts.

## Admissions - School for Professional Studies

## Admissions Information

## Admission Requirements

- Proof of High School graduation/GED or recognized equivalent
- Cumulative grade point average of 2.0 (on 4.0 scale) or better on all prior college work
- Completion of Application Process including forms, fees, assessments, references, transcripts (official transcripts must be
received from each institution attended, regardless of academic performance or credit awarded)
- Official entrance interview

All applicants meeting the above-stated admission requirements will be considered by the Admission Committee. Applicants who do not meet the above requirements may apply. Please see the Provisional Student section below. During the admission process, students will be informed of remaining requirements accompanied by a recommendation as to how these requirements can be completed.

## Application Process

The application process is as follows:

1. Complete and submit the Application for Admission, along with the non-refundable application fee of \$45.00
2. Request Official Transcripts from each college or university previously attended, regardless of credit granted or academic performance. Check with the Registrar's Office from each institution for the appropriate transcript fee.
3. High School Completion or recognized equivalency. Final official high school transcript or diploma, GED certificate or transcript, transcript stating 2-year program completion and specifically Associate of Arts or Associate of Science, home school credential or transcript, or proof of passing both sections - English-language Arts and Mathematics - of the California Proficiency Examination (CHSPE).
4. Submit Reference/s as required by program.
5. Submit the required admissions essay(s) and/or petitions.
6. Complete any required assessments.
7. After all required documents are received, an admissions interview will be scheduled with the appropriate Admissions Counselor.

Application, Transcript Request, and Reference forms are available on the SPS page of the University's website at http://www.vanguard.edu.

Completed applications are reviewed by the Admissions Committee. Students accepted into Vanguard will be notified of their acceptance status via email or phone call. The typical admission deadline is three (3) weeks prior to each module or session date.

## Individualized Appointments

Prospective students are invited to meet with an admissions counselor to discuss their academic needs and develop educational plans. These appointments cover:

- An unofficial transcript evaluation
- The nature of our academic programs
- Module or session start dates
- Meeting the needs of the working professional
- Application procedures
- Questions and answers
- Financial matters, such as:
- Employer reimbursement
- Loans and grants
- Payment schedules


## Education and Training Benefits for Veterans

For more information on education and training benefits available for military veterans and/or their dependents, please visit the Education and Training Benefits for Veterans page or contact the School Certifying Official (veteranscertifyingofficial@vanguard.edu).

## International Students

Refer to the International Students Admission page for more information.

## Re-Admitting Students

Students wishing to return to a Professional Studies program after withdrawing, being academically disqualified, or taking an unapproved leave of absence of three concurrent semesters or more must submit a readmission application and the $\$ 15.00$ readmission fee, along with official transcripts for any course work completed since leaving Vanguard. Students who apply for readmission will be reviewed by the Admissions Committee and the appropriate Chair. The decision to readmit a student is based upon their standing with the academic, financial and student life policies of the university. Upon notice of approval, the student may proceed with academic and student account clearances. Readmitted students will be subject to current academic catalog program requirements. Denial of re-admission applications are reviewable by the Dean in consultation with the respective department Chair.

## Admission Status AUDITORS

Students may attend class with no obligation to participate actively in the work. For such students, no examinations are given, no assignments are requested or marked; however, no credit may be obtained for such attendance. Auditors pay the auditing fee. A student must attend at least $50 \%$ of the class sessions in order to have the audited course recorded on the transcript.

## PROVISIONAL STUDENTS

At the discretion of the respective chair and in conjunction with the dean. A limited number of students who have not met the admission requirements may be admitted as "provisional" students. Unless otherwise approved by the program chair or dean, students admitted provisionally will be required to limit their course load to 9 units per term. In order to receive regular standing classification and continue enrollment, provisional students must attain a 2.0 grade point average in their first term of no less than part-time (at least 6 units) enrollment. If the provisional student fails to do so, they will be subject to academic disqualification. Provisional students may be eligible for limited financial aid.

## REGULAR-STANDING STUDENTS

Students who have fully met all the requirements for admission and have been accepted are considered regular-standing students. Unless otherwise approved by the program chair, students may not exceed an enrollment maximum of 18 units per semester.

## NON-DEGREE STUDENTS

Non-degree seeking students who attend Vanguard University without submitting the credentials required for admission with regular status. Abbreviated application forms are available online at https://www.vanguard.edu/admissions/professional-studies (https:// www.vanguard.edu/admissions/professional-studies/). Types of nondegree students include:

- Students taking Continuing Education Units. Units are not degree applicable.
- Students seeking Certificates. Certificate students may only take coursework that applies to the certificate they are pursuing.

Non-degree students also include the category of students-at-large. Students-at-large earn academic credit for work completed successfully, but they are not considered degree-seeking students at Vanguard University. The student-at-large classification is possible only for those taking nine (9) units or less during any term. Students accepted as a Student-at-Large are not eligible for financial aid unless they are enrolled in prerequisite courses for graduate school (except tuition remission) and have applied to a graduate program.

## University Selection and Community Participation

The School for Professional Studies at Vanguard University selects students based on academic record, the admissions interview, work experience, references, and willingness to comply with the standards and values of the university. It is expected that each individual who joins the academic community of Vanguard University will deepen his or her ethical commitment and understanding, strengthen his or her intellectual and creative abilities, and participate constructively in the life of the University community.

Furthermore, Vanguard University community members are expected to commit to mutual respect for one another and will:

1. Treat all members of the community with the utmost regard, supporting and upholding the rights of others to a safe, collaborative, and collegial learning environment;
2. Foster collegial learning by participating in class as a supportive and cooperative community member;
3. Refrain from derogatory, disrespectful, or inflammatory comments regarding any member of the academic community;
4. Resolve any personal conflicts by first approaching the other party privately in accordance with professional protocol and the principles that are outlined in Matthew 18:15-17.

## Credit Hour Policy

See the Credit Hour Policy for more information.
Professional Studies programs are delivered in an accelerated format. In an accelerated format, courses are typically compressed into five to eight weeks. This means that students essentially triple the pace of coursework, completing the same amount of work in one third of the time. The ideal student is one who is highly motivated, self-directed, and disciplined with respect to time management. It is expected that students will invest appropriate time to assure successful course completion. In accordance with the federal guidelines, over the period of a course, a student will typically spend an average of 40 to 45 hours each for credit
hour awarded, regardless of the number of weeks of the course may run. Time spent includes all learning activities, including time in seated class as well as time completing academic tasks in an online learning environment.

## Evaluation of Previous College Transcripts and Degree Progress

The amount of credit, the courses to be accepted, and the method of evaluation will be determined by the nature of the courses and the type of institution. An applicant who has attended any college or university must submit an official transcript from each institution, regardless of credit granted. Evaluations are completed as new transcripts are received. Once students have received an updated official evaluation or viewed it on their self-service portal they may review and request clarification on anything they may find unclear or questionable. All official academic evaluations and degree evaluations are provided by the Office of the Registrar.

## Credit by Examination (maximum: 36 units)

See the Credit by Testing, Extension and Examination (p. 43) policy for more information.

## Prior Learning Assessment

See the Prior Learning Assessment policy for more information.

## Straighterline (maximum: 45 units)

Straighterline offers self-paced computer guided courses that can transfer to the University to satisfy select lower division general education and elective requirements. This program is only available to students enrolled in the School for Professional Studies.

## Degree Completion

See Commencement Ceremony Participation and Degree Completion (p. 42) policy for more information.

## Diplomas

See Degree Requirements for Graduation policy for more information regarding issuance of academic diplomas.

## Student Records

Records submitted for the purpose of admission or for recording supplemental work become part of the student's permanent record file and may not be reclaimed or duplicated. This includes, but is not limited to educational transcripts.

## Admissions - Graduate Programs

Applications and information about graduate program admission may be obtained from the Graduate and Nursing Admissions Office:

- Phone: (714) 966-5499 main or (877) 669-8872 toll free
- Email: gradadmissions@vanguard.edu
- For deadlines and to apply: http://www.vanguard.edu/admissions/ graduate (http://www.vanguard.edu/admissions/graduate/)

When submitting an application, a non-refundable $\$ 45.00$ application fee is required. Once all supporting information has been received and the application is complete, the full application will be reviewed. Finalists
may be invited for an onsite or telephone interview. All applicants are evaluated without regard to race, gender, age, political affiliation, national origin or disabling conditions.

The completed application form, along with all supporting documents, should be submitted to the Graduate and Nursing Admissions Office.

Please contact Graduate and Nursing Studies Admissions directly or refer to the website for specifics regarding application deadlines and acceptance notification for both Fall and Spring admissions.

## Admission and Re-Admission Requirements

For admission and readmission requirements, please see the respective graduate program pages:

- Graduate Program in Biotechnology (p. 249)
- Graduate Program in Clinical Psychology (p. 283)
- Graduate Program in Education (p. 129)
- Graduate Program in Nursing (p. 241)
- Graduate Program in Organizational Psychology (p. 292)
- Graduate Programs in Theology (p. 327)


## Education and Training Benefits for Veterans

For more information on education and training benefits available for military veterans and/or their dependents, please visit the Education and Training Benefits for Veterans page or contact the School Certifying Official (veteranscertifyingofficial@vanguard.edu).

## International Students

Refer to the International Students Admission page for more information.

## Student Records

Records submitted for the purpose of admission or for recording supplemental work become part of the student's permanent record file and may not be reclaimed or duplicated. This includes, but is not limited to educational transcripts.

## International Students

International Students, whether applying for the traditional undergraduate, professional studies, or graduate programs are required to complete the standard admissions process for domestic or transfer students. Additionally, International Students must fulfill the following requirements:

1. Affidavit of Financial Support. Submit financial certification showing financial sponsorship for duration of planned study along with documented proof of sponsorship. Financial aid, with the exception of institutional talent scholarships, is not available for international students.
2. Deposit. International Students are required to meet all financial obligations as required of domestic students, regardless of program.
3. Test of English as a Foreign Language (TOEFL).
a. Undergraduate Programs. International students for whom English is not their native language are required to take the Test of English as a Foreign Language (TOEFL) and submit their scores to the Undergraduate Admissions Office. A
score of at least 550 on the paper-based test, 213 on the computer-based test, or 80 on the internet-based test, is required for admission to Vanguard University.
b. Graduate Programs. All students need to be fluent in English to follow course lectures and complete their written assignments. The university might require documentation for fluency in English. Such tests as TOEFL and/or TSE might be required for international students whose first language is not English. A minimum score of 550 is normally expected on the written version, a minimum score of 213 is normally expected on the computerized version, and a minimum score of 80 is normally expected for the internet based version. A (slightly) lower score may be accepted if accompanied by documentation of a successful evaluation from an English as a Second Language program (ESL) here in the United States.
4. Transferring. To become eligible for transfer to Vanguard University from another American college/university/seminary, approval must be obtained from the previous school attended and the U.S. Citizen and Immigration Service (USCIS).
5. Educational Transcripts. To transfer academic units from a college, university or seminary outside of the United States, all educational transcripts must be submitted to an approved agency that evaluates transcripts. All transcripts should be translated in to English and must be notarized by the U.S. Consul or notary, or another authority.
6. Full-Time Status. International students on an F-1 visa must maintain a minimum of twelve (12) units each semester for a Bachelor degree program and a minimum of seven (7) units for a Master degree program. Contact the academic degree program for more information about how many units are required for full-time status.
7. Non Student Visa (Graduate Programs Only). Those currently in the U.S. on a visa other than an $\mathrm{F}-1$ student visa ( $\mathrm{M}-1, \mathrm{~J}-1, \mathrm{R}-1$, etc.) may attend in accordance to the requirements of their specific visa. Contact the Designated School Official (DSO) (isservices@vanguard.edu) for further questions or clarification.

## Contact Information

For more information on the admissions process or International Student Services, please contact the Designated School Official (DSO) at isservices@vanguard.edu

## Education and Training Benefits for Veterans

Vanguard University is an approved degree-granting institution recognized by the U.S. Department of Veterans Affairs as being eligible to receive benefits. Veterans and/or their dependents seeking educational training may qualify to use Title 38, Chapters $30,31,33,35$, and $1606 / 1607$. Refer to the U.S. Department of Veterans Affairs (http:// www.va.gov/) for eligibility criteria. All final decisions regarding eligibility education and training benefits are determined by the U.S. Department of Veteran Affairs, not Vanguard University.

## Enrollment Certification

Vanguard University electronically certifies education and training benefits with the U.S. Department of Veteran Affairs. To claim full education and training benefits, it is the students' responsibility to request an enrollment certification with the School Certifying Official prior to the start of each term the attend. To request an enrollment certification for the active term, the student must complete the Enrollment Certification Authorization Form. Students enrolled in non-traditional or accelerated format courses will be certified according to the start and end date of each course as it is considered a non-standard term for enrollment certification purposes. Veterans and dependents of a Veteran utilizing Post 9/11 educational benefits enrolled in accelerated format credit hours will have a Rate of Pursuit determined by the Department of Veteran Affairs for each course they are enrolled in based on nonstandard term calculations. Please note that for baccalaureate degree programs, full-time status is 12-units in standard terms. For students in non-traditional and accelerated formats, full-time status is based on VA unit conversion rates during each term's dates.

Students who are approved by the U.S. Department of Veteran Affairs to receive Yellow Ribbon funding, must complete the university's Yellow Ribbon Application (https://www.vanguard.edu/academics/registrar/ veteranstudents/yellow-ribbon-program-application/) at the beginning of the academic year. Again, this benefit is only available to students who are one-hundred percent (100\%) eligible under Post 9/11 (Chapter 33). Questions, contact the School Certifying Official (VASCO@vanguard.edu).

Once the electronic enrollment certification has been submitted to the VA for processing, the institution will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrowed additional funds on any covered individual because of the individuals inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from the U.S. Department of Veterans Affairs under chapter 31 or 33.

## Academic Tuition and Fees

Academic tuition and fees for all academic programs are located under resources (https://www.vanguard.edu/resources/accounting/ tuition-and-fees/) on the university's website. Academic tuition and fees noted are billed on a per semester/term basis and are subject to change annually. Fees are not based on the mode of instruction (e.g. face-to-face, online, etc.). Vanguard University reserves the right to modify the mode of instruction at any time. Please note that the information listed does not include the cost of books, supplies, special fees, transportation or personal expenses. For more information about textbooks, please click here (https://www.vanguard.edu/resources/ bookstore/). Veteran students who are receiving Chapter 31 benefits are encouraged to work directly with the bookstore manager and their VA Vocational Readiness and Employment Counselor on books and supply needs for their courses. The university requires all students sponsored by the U.S. Department of Veteran Affairs to complete the Enrollment Certification Authorization form for each term they are actively enrolled at the university. For more information contact the School Certifying Official (VASCO@vanguard.edu).

## Yellow Ribbon Program Participation

Vanguard University is a participant in the Yellow Ribbon GI Education Enhancement Program ${ }^{(R)}$, a provision of the Post-9/11 Veterans Education Assistance Act of 2008. Vanguard University awards eligible students up to half the net cost of tuition not covered by the fiscal reimbursement amount for private institutions set annually by the U.S. Department of Veterans Affairs. In order to receive Yellow Ribbon funds, the student must be one-hundred percent (100\%) eligible under Post 9/11 (Chapter 33). For more information on the Yellow Ribbon Program, contact the School Certifying Official (veteranscertifyingofficial@vanguard.edu).

## Financial Registration Late Fee

Students who are receiving education and training benefits through the VA under Chapter 31 or 33 will not be assessed a financial registration late fee if they are academically enrolled in courses prior to the stated financial registration deadlines in the Academic Calendar or first payment date of the Tuition Payment Option (https://www.vanguard.edu/ resources/accounting/tuition-payment-options/), which ever comes first. If the student is a returning student and academically enrolls in courses after the stated financial registration deadlines and before the first day of the term, they are personally responsible for the financial registration late fee that will be assessed. The financial registration late fee is not reimbursable to by the VA.

## Military Service Credits

Vanguard University recognizes and uses the American Council on Education (ACE) Military Guide (https://www.acenet.edu/Programs-Services/Pages/Credit-Transcripts/Military-Guide-Online.aspx) to the Evaluation of Educational Experiences in the Armed Services in determining the value of learning acquired in military service, and awards credit for appropriate learning acquired in military service at levels consistent with ACE Guide recommendations when applicable to a service member's program. Undergraduate students accepted into the College or the School for Professional Studies will be awarded one (1) physical education credit (to a maximum of 8 credits) for every six (6) months of active service completed, provided an honorable discharge was received as indicated on veterans VA-form DD-214. Vanguard University grants up to 30 credits for certain types of military experience and educational training. The veteran must provide an official military transcript to the Office of the Registrar (transfer.support@vanguard.edu) for official evaluation.

## Using Education and Training Benefits for Dual Enrollment

Students who wish to use their education and training benefits from the U.S. Department of Veteran Affairs at a secondary institution of higher learning (e.g. Community College), must contact the School Certifying Official (veteranscertifyingofficial@vanguard.edu) to request a "Letter of Authorization" prior to enrolling in courses as the second institution. The School Certifying Official will work closely with the university's Academic Transfer Analyst and Academic Program Chair to verify that the course(s) of interest can be applied toward the academic degree program and will be accepted by Vanguard University.

## Priority Enrollment

Vanguard University is a priority enrollment school for current students using education and training benefits through the U.S. Department of Veteran Affairs or Department of Defense. For more information, contact the School Certifying Official (VASCO@vanguard.edu).

## Academic Progress

Students receiving education and training benefits through the U.S. Department of Veteran Affairs will be placed on probation if their cumulative grade point average (GPA) drops below the graduation requirement for their academic program being attended as outlined below. Students who are placed on probation or fail to make academic progress towards graduation will be reported to the U.S. Department of Veteran Affairs and may be at risk of having their education and training benefits denied or delayed.

- 2.00 (C average) Bachelor of Arts (B.A.), Bachelor of Music (B.M.), Bachelor of Science (B.S.), Bachelor of Science in Nursing (B.S.N.) degree in the The College, Professional Studies or Traditional Education program.
- 2.67 (B- average) Master of Theology (M.A.T.) degree
- 3.00 (B average) Master or Arts (M.A.), Master of Science (M.S.), or Master of Science in Nursing (M.S.N.)

Probationary status will continue until the student has raised his/her cumulative GPA to the minimum requirement. The university reserves the right to terminate an individuals education and training benefits if the he/she remains on Probationary status for two (2) consecutive terms; and the U.S. Department of Veteran Affairs will be notified of university's action.

## Military Leave of Absence Policy

Military Leave is available for any student separated from the military or active reservist who, due to documented deployment or drilling, need to leave the University during the semester without completing their current coursework, or to withdraw from the University for up to two (2) consecutive terms.

In the event of a federally declared emergency, U.S. Military Veterans who are listed as honorably discharged on their DD-214 at time of separation and have been reactivated in to service by the U.S. Government to assist with evacuations, relocation of command centers, security protection detail, etc. in areas designated/declared as Emergency Disaster Areas (e.g. wildfire, earthquakes, flooding, etc.) may be eligible for academic accommodations with appropriate documentation from a federal agency.

Students on active duty or reservist military leave or honorably discharged veterans that have have their service reactivated by the U.S. Government are not regarded as having permanently withdrawn from the institution; need not apply for readmission; and may be eligible for academic accommodations. For more information, contact the School Certifying Official (VASCO@vanguard.edu).

## VETERANS SUPPORT and SERVICES

Vanguard University has a primary mission to consistently engage our student Veterans in the pursuit of academic and personal success, including spouses and dependents. Our Veterans are engaged in
activities both on and off campus. With over 30 degrees and certificates through our Graduate, Undergraduate, and Professional Studies programs, we have a place for you as a student Veteran. Our student Veterans are currently enrolled across all three programs, with priority registration offered. Our Professional Studies program has five majors consisting of 5 and 8 -week classes which allow many of our Veterans to keep full time employment while attending class one night a week. Vanguard University has a dedicated Veterans Courtyard of Honor that shows Vanguard's commitment to respecting and honoring your service to our Nation. The Veterans Club, run by student Veterans and affiliated with the Student Veterans Alliance® ${ }^{\circledR}$ focuses on hosting social programs in order to build a strong network for student Veterans. We want to continue this honor by learning your story, while listening to your aspirations for your education and life after graduation. For more information, contact the School Certifying Official (VASCO@vanguard.edu).

## Military Tuition Assistance

Vanguard University has an active Memorandum of Understanding with the Department of Defense to accept Military Tuition Assistance (TA). Military Tuition Assistance is a benefit paid to eligible members in every branch of military service.

## Military Spouse Programs

Vanguard University participates in the Department of Defense MyCAA program. MyCAA offers courses and programs for military spouses focused on pursing a certificate, license, or certification in a portable career field or occupation. Specific programs, registration, and educational planning is available on the MyCAA portal and Vanguard University website.

## RESERVE OFFICER TRAINING CORPS PROGRAMS

## Air Force Reserve Officer Training Corps (ROTC) Agreement

Air Force Reserve Officer Training Corps (AFROTC) educates and trains highly qualified undergraduate and graduate students for commissioning as officers in the United States Air Force. AFROTC offers a variety of two, three, and four-year scholarships, many of which pay the full cost of college tuition, books and administrative fees. Additionally scholarship recipients and all students who successfully complete a Summer training session at the end of their second year receive a monthly tax free personal payment.

Through arrangements with Loyola Marymount University (LMU) in west Lost Angeles, Vanguard University will accept 16 transfer units from students enrolled in its Air Force Reserve Officer Training Corps (AFROTC) program. In addition, students currently enrolled at Vanguard may participate in the AFROTC program as part of their studies. For more information, contact the Loyola Marymount University Department of Aerospace Studies (AFROTC) at 310-338-2770 or visit their website at http://academics.Imu.edu/afrotc/.

Army Reserve Officer Training Corps (ROTC) Agreement
Vanguard University participates in an Education Service Agreement with California State University, Fullerton (CUSF) which allows for
the awarding of transfer units. Vanguard accepts all baccalaureate level Military Science units receiving a grade of "C-" or higher, with a maximum of eight (8) physical activity units (all institutions combined).
Scholarships may be awarded to eligible students. Eligible students are determined by CSU-Fullerton. For more information on the ROTC program at CSU-Fullerton, please go to their website at: https:// catalog.fullerton.edu/

## GI Bill ${ }^{8}$ Trademark

GI Bill ${ }^{\circledR}$ is a registered trademark of the United States Department of Veteran Affairs. Third-party use of the trademark is restricted to the education and training institutions eligible to receive VA education benefits. State Approving Agencies (SAA) and recognized Veterans Service Organizations (VSO). Parties not identified are prohibited from using GI Bill ${ }^{\circledR}$ in any manner that directly or indirectly implies a relationship, affiliation, or endorsement with the U.S. Department of Veteran Affairs. For more information, please visit the VA website at https://www.benefits.va.gov/GIBILL/Trademark_Terms_of_Use.asp

## FINANCIAL INFORMATION

## OFFICE OF FINANCIAL AID INFORMATION

- Financial Aid Sources (p. 26)
- Graduate Financial Aid Opportunities (p. 29)
- School for Professional Studies Financial Aid Opportunities (p. 29)
- Traditional Undergraduate Financial Aid Opportunities (p. 30)
- Withdrawal and Return to Title IV Funds (R2T4) Policy (p. 31)


## OFFICE OF ACCOUNTING OPERATIONS INFORMATION

- Financial Payment Information and Policies (p. 33)


## Financial Aid

Mission: An education at Vanguard University is a lifetime investment. The Financial Aid Office is committed to counseling, advising, and educating our campus community with the utmost care. We provide students with the resources to make a Vanguard education financially attainable by balancing responsible stewardship of all financial aid funds with student-centered values.

The Financial Aid Office offers counseling and assistance to students and their families by providing information about financial aid options and application procedures. Visit our department's website for hours of operation and contact information.

- Financial Aid Sources (p. 26)
- Graduate Financial Aid Opportunities (p. 29)
- School for Professional Studies Financial Aid Opportunities (p. 29)
- Traditional Undergraduate Financial Aid Opportunities (p. 30)
- Withdrawal and Return to Title IV Funds (R2T4) Policy (p. 31)


## FINANCIAL AID FRAUD

Any fraudulent use of financial aid funds is cause for immediate suspension or dismissal, as well as discontinuance of future financial aid. This includes, but is not limited to, fraudulent statements on financial aid forms, tax documents and student worker timesheets for both hours worked and approval obtained.

Note: The procedures and policies listed in the catalog subject to revision without advance notice based on changes to federal or state laws, regulations, or school policies. If changes are made, students must abide by the most current policy. More information is available on the departments website. Any questions about this information can be directed to the Financial Aid Office at financialaid@vanguard.edu or call 714.966.5490.

## Financial Aid Sources

Vanguard University offers federal grants, state grants, institutional grants and scholarships, federal loans and employment opportunities to eligible students seeking assistance to help pay for educational costs Vanguard University awards financial aid to students regardless of race, color, sex, national origin, or disability. All students are guaranteed fair and equal treatment in the awarding of financial aid. Information about
specific scholarships, grants, loans, and employment is available on the department's website (https://www.vanguard.edu/admissions/financial-aid/grants-and-scholarships/).

## APPLYING FOR FEDERAL, STATE and NEED-BASED AID

New and continuing students applying for financial aid should follow the steps below:

Step 1: Apply for admission to Vanguard University. All applicants for financial aid must be accepted for admission to the University before eligibility will be determined.

Step 2: File the Free Application for Federal Student Aid (FAFSA) by March 2nd annually, online at https://studentaid.ed.gov/sa/fafsa (https://studentaid.ed.gov/sa/fafsa/). The school code (001293) must be included for information to be sent to Vanguard University.

Step 3: California residents applying for the Cal Grant Program must submit the Cal Grant GPA Verification Form by March 2nd. Check with your High School counselor for GPA submission process. Community College Transfer students must submit the G6 Transfer Entitlement Certification Form to CSAC by the CSAC deadline.

Students interested in the Vanguard University talent scholarships (Athletics, Forensics, Music and Musical Theatre) must contact the appropriate university department for scholarship requirements.

Students must complete the financial aid application process every academic year. Aid applications for the Professional Studies and Graduate programs are available online at https://www.vanguard.edu/ admissions/financial-aid (https://www.vanguard.edu/admissions/ financial-aid/).

## NOTE FOR NON-DEGREE CREDENTIAL STUDENTS:

Non-degree credential students are considered 5th year undergraduates and must file the Free Application for Federal Student Aid (FAFSA) online at https://studentaid.ed.gov/sa/fafsa (https://studentaid.ed.gov/sa/ fafsa/) by March 2nd each year. Students should indicate their grade level on the FAFSA as Teaching Credential (non-degree program) or 5th Year Undergraduate. Parent information may be required on the FAFSA based on dependency status. Financial aid awards are determined based on the assumption that students will enroll full-time for their program of study. Undergraduate students are also assumed to live on-campus. Students who do not plan to enroll full-time or whose housing plans have changed must notify the Financial Aid Office immediately prior to the start of the semester by submitting a Status Change Form. A change in enrollment or housing will require that a student's financial aid awards and cost of attendance be adjusted and revised as necessary in accordance with federal, state and institutional regulations.

## FINANCIAL AID APPLICATION DEADLINES

The priority deadline for financial aid is March 2nd of each year. Students applying by the priority deadline will be considered for all sources of financial assistance based on federal aid eligibility and class level. Students applying after the deadline will be awarded financial aid based on availability of funds. Students are encouraged to apply as
soon as possible after October 1st, and before March 2nd, to receive comprehensive financial aid packages.

## GENERAL ELIGIBILITY TO RECEIVE FINANCIAL AID:

- Students must be U.S. citizens, permanent residents, or other eligible non-citizens and meet other program eligibility requirements to be eligible for federal, California state, and University funded financial aid programs. Limited scholarships and work opportunities are available for international students.
- Students must be enrolled in a degree program or eligible nondegree program at Vanguard University. Students working towards a second Bachelor's degree are only eligible for Federal Subsidized and Unsubsidized Direct Loan programs, and aggregate limits apply.
- Students must have received a high school diploma or the equivalent of a high school diploma such as General Education Development (GED) certificate, have completed homeschooling at the secondary level as defined by state law or have completed secondary school education in a homeschool setting which qualifies for an exemption from compulsory attendance requirements under state law, if state law does not require a home-schooled student to receive a credential for their education.
- Students must be enrolled full-time to be eligible for most University funded financial aid programs. Eligibility for federal and California state grant programs require at least halftime enrollment. Students who enroll less than half-time are generally only eligible for the Federal PELL grant if qualified.
- Students must not owe a refund from any federal grant or loan or be in default on any federal loan.
- Students required to register with the Selective Service must register.
- Students must make Satisfactory Academic Progress.


## FEDERAL VERIFICATION

The U. S. Department of Education or Vanguard University may select a student's financial aid application (FAFSA) for a review process called verification. Selections for verification may be made randomly by the U.S. Department of Education or by Vanguard University to resolve conflicting information reported on a FAFSA application. In accordance with federal guidelines, Vanguard University will withhold the disbursement (for new undergraduate students) or awarding (for returning students) of Federal financial aid until the verification process is considered complete by Vanguard University. The required verification forms and requirements will be posted as missing items in the Self-Service portal. Missing information emails will be sent monthly to the Vanguard University email address until the student's application is complete and any conflicting information has been resolved to the satisfaction of Vanguard University in accordance with federal regulations. All required documents and instructions can be found on the Forms page at http:// www.vanguard.edu/financialaid (http://www.vanguard.edu/financialaid/). All verification items must be submitted to the Financial Aid Office by July 1, or 30 days after a new student is accepted to the University or an additional item is requested.

## FINANCIAL AID COMMUNICATION

The Financial Aid Office primarily communicates with students electronically. Students are notified of information regarding their aid application via their Vanguard University email and Self-Service, Vanguard's online portal which provides access to various campus systems. The Financial Aid Office will not correspond with students via their personal email accounts to protect their privacy and security. Students who wish to opt out of electronic communication must notify the Financial Aid Office in writing.

## FINANCIAL AID DISBURSEMENTS

Disbursement begins one week before classes start each term, and continues weekly through the last day of class. Financial aid will be applied directly to the student's account to pay for tuition, fees, and room and board charges. Students attending both the Fall and Spring will receive financial aid for the full academic year, disbursed equally each semester to the student's account. Students attending only one semester are only eligible to receive the financial aid awarded for that semester. Students who graduate in December will have their Federal Direct Loans pro-rated based on enrollment.

## SATISFACTORY ACADEMIC PROGRESS Federal \& State Aid

Students receiving financial aid must demonstrate satisfactory academic progress (SAP) in their degree program. These standards are separate and distinct from the University's Academic Probation and Disqualification Policies as stated in the University Catalog. Each student's academic history will be evaluated at the end of each semester after grades are posted, in accordance with the following regulations:

- Qualitative Measure: All undergraduate financial aid recipients are required to maintain a minimum 2.00 Cumulative GPA. Please note that merit scholarships may require a higher minimum GPA in order to maintain eligibility. All credential and graduate financial aid recipients are required to maintain a minimum 3.00 Cumulative GPA.
- Quantitative Measure: Students must complete $67 \%$ of all units attempted each semester. Classes for which a student receives a letter grade of $A, B, C, D, F, W, W F, W P, C R, I$, are $P$ are considered attempted. Classes for which a student receives a letter grade of $A, B$, $C, D, C R$ and $P$ are considered complete.
- Full-time undergraduate $67 \%=16$ units per academic year (8 units/term)
- Full-time graduate $67 \%=12$ units per academic year (6 units/ term)
- Students who are enrolled less than full-time must complete the number of units for which financial aid was approved and funded.


## Please note: In order to graduate with a Bachelor's degree within four-years,

 full-time enrollment will need to consist of a minimum of 15.5 units per semester.Maximum Time Frame for Completion: A student may not receive federal aid for more than $150 \%$ of the normal time frame required to complete their degree program. For undergraduates that is a maximum of 186 total units (including repeated courses and units transferred into Vanguard) or 12 full-time semesters, whichever comes first.

Graduate and credential students have shorter time limits depending on program length. Important: The maximum timeframe to complete degree requirements does not override institutional, federal or state financial aid programs that have a maximum period of eligibility. For example, University funded undergraduate scholarships and the Cal Grant are available for a maximum of eight semesters. Student should refer to their Academic Degree Requirements for information on the recommended course load required their degree requirements in eight semesters (four years).

The following grades meet the satisfactory academic requirements for both graduate and undergraduate students: $A, B, C, D, C R$ and $P$. The following grades do not meet the academic requirements for both graduate and undergraduate students: W, WP, WF, F, I and AU.

Incomplete (I) Grades: For SAP purposes, incomplete grades count as attempted but not earned credit. Therefore, it will not be counted towards meeting the minimum GPA or credit completion and may result in Financial Aid Warning or Suspension until the grade has been posted.

Withdrawals (W, WP, WF, F): Students who withdraw entirely from a semester or withdraw from a course(s) in which financial aid was received, are counted to have used eligibility towards the maximum time frame limit for degree completion.

Transfer Course Evaluation: Transfer students are evaluated based on the number of units accepted at admission to determine their maximum time frame to receive financial aid.

Repeated Courses: A student who receives federal financial aid (Title IV funds) must follow Repeat Coursework rules in order to be considered as meeting enrollment requirements for financial aid eligibility and satisfactory academic progress. The federal regulations are listed below:

- A student may repeat a previously passed course once.
- A student may repeat a failed course until the student passes the course.
- A student, who passes a course but does not meet the grade requirement established by the college or school, may only repeat the course one time.
- A student who earns a passing grade in a course and chooses to retake the course a second time earning a grade of "F" or "W" may not take the course a third time and that course be considered as enrollment of federal financial aid programs.
- A student may repeat a course as an independent study, special topics, film genre, etc., as long as the subject matter is different for each course.

Failure to meet minimum standards to maintain financial aid eligibility (SAP) will result in being placed on Financial Aid Warning for the following semester. While on Financial Aid Warning, students retain financial aid eligibility and receive normal financial aid awards. At the end of the warning semester students are expected to have brought their academic standing up to meet the minimum SAP requirements. Failure to meet the minimum standards for a second time will result in Financial Aid Disqualification, (immediate termination) of financial aid eligibility. This includes all Federal, State and Institutional financial aid. Students completing the maximum number of semesters allowed for their degree program will be terminated from future financial aid. Students may appeal

Financial Aid Disqualification by completing the required appeal forms available in the Financial Aid Office.

If the Financial Aid Committee approves a SAP appeal, students will be placed on Financial Aid Probation and their financial aid will be reinstated the following semester. The Financial Aid Committee may require benchmarks that are to be met before reinstatement will be granted beyond the initial semester. In all cases, students who successfully complete a semester while on Financial Aid Warning or Disqualification AND meet both quantitative and qualitative SAP standards at the end of the semester, will regain full eligibility for financial aid beginning with the subsequent semester (maximum time limits still apply).

## SATISFACTORY ACADEMIC PROGRESS Institutional Aid

Students receiving institutional financial aid (academic, need, merit, talent and athletic scholarships, or grants) must demonstrate satisfactory academic progress (SAP) in their degree program in order to retain their institutional aid. These standards are separate and distinct from the University's Academic Probation and Disqualification Policies as stated in the University Catalog. Each student's academic history will be evaluated at the end of the academic year, after grades are posted in accordance with the following regulations:

- Qualitative Measure: All undergraduate and graduate institutional financial aid recipients are required to maintain a minimum cumulative GPA as defined by their institutional scholarship program in order to maintain eligibility.
- Quantitative Measure: Full time financial aid recipients must make progress toward a degree as follows:
- Undergraduates $=24$ units per academic year ( 12 units/ term)
- Graduates $=18$ units per academic year ( 9 units/term)
- Students who are enrolled less than full-time must complete the number of units for which financial aid was approved and funded.
- Maximum Time Frame: Students entering college for the first time are eligible for a maximum of four-years (eight semesters) of institutional aid. Transfer students are eligible for a maximum of three-years (six semesters) of institutional aid before eligibility is exhausted. Graduate and credential students have shorter time limits depending on program length.
- Institutional aid recipients who withdraw or take a leave of absence from the University for a maximum of one semester will have their institutional aid reinstated upon their return.
- Institutional aid recipients who withdraw or take a leave of absence for more than one semester are not guaranteed any institutional aid in the event that they return to the University and will be evaluated for institutional aid opportunities as a transfer student.

Please note: In order to graduate within four-years, full-time enrollment will need to consist of a minimum of 15.5 units per semester for undergraduate students.

## Graduate Financial Aid Opportunities

Graduate students are eligible to receive federal and/or state financial aid if enrolled at least half-time in graduate level coursework. Only courses numbered in the $500 \mathrm{~s}, 600$ s and 700 s are considered graduate level.

## GRANTS AND SCHOLARSHIPS

ACADEMIC SCHOLARSHIPS FOR GRADUATE STUDENTS:
Awarded by Vanguard University and available to Graduate Education, Psychology, and Religion students who demonstrate the required cumulative GPA during their undergraduate studies. Renewable annually, no FAFSA is required.

- Silver Award (10\% discount), 3.50-3.74 GPA
- Gold Award (15\% discount), 3.75-4.0 GPA


## GRADUATE RELIGION MINISTRY GRANT:

Vanguard University offers awards of $\$ 75$ per unit is available to those enrolled at least half-time (5 units per semester) who are involved in fulltime Christian service as ordained or licensed ministers and missionaries. The Office of Undergraduate Admission and the Financial Aid Office confirm eligibility at the point of admission. Supporting documentation must be provided each by the Financial Registration deadline or the grant will be removed. Renewable annually, FAFSA not required.

## CHRISTIAN EDUCATOR'S GRANT:

Awarded by Vanguard University to students teaching full-time in a Christian school receive a $15 \%$ tuition grant. They must be employed in the same field or specialty in which the teaching credential or degree will be obtained. Cannot be combined with academic scholarships. Questions about eligibility should be directed to Graduate Education. Renewable annually, FAFSA not required.

## STUDENT LOANS

## FEDERAL UNSUBSIDIZED DIRECT LOAN:

Graduate students enrolled at least half-time who complete a Free Application for Federal Student Aid (FAFSA) may borrow up to $\$ 20,500$, not to exceed their cost of attendance when combined with other aid. Repayment begins 6 months after student is no longer enrolled at least half-time. Origination fee applies. Students must complete Entrance Counseling and a Master Promissory Note at https://www.studentloans.gov/myDirectLoan/index.action (https:// www.studentloans.gov/myDirectLoan/index.action/).

## FEDERAL DIRECT GRADUATE PLUS LOAN:

Graduate students enrolled at least half-time who complete a Free Application for Federal Student Aid (FAFSA) may apply only https:// www.studentloans.gov/myDirectLoan/index.action (https:// www.studentloans.gov/myDirectLoan/index.action/). This is a lowinterest federal loan available to credit-worthy graduate students. Maximum award amount equals the cost of attendance minus all other aid received. Origination fee applies.

## STUDENT EMPLOYMENT VA WORK STUDY:

A source of employment for students who qualify based on their G.I. Benefit eligibility. This program is fully funded by the Department of Veteran Affairs. For more information, contact the university's VA School Certifying Official (VeteransCertifyingOfficial@vanguard.edu).

## School for Professional Studies Financial Aid Opportunities GRANTS AND SCHOLARSHIPS CAL GRANT: <br> This California state grant eligibility is determined by the California Student Aid Commission (CSAC), based on California high school GPA or California Community College GPA, household size and family income and assets as reported on the Free Application for Federal Student Aid (FAFSA). All undergraduates who are residents of California are encouraged to apply. Award amounts are pro-rated based on enrollment. Cal Grants do not need to be repaid. For more information visit https:// www.csac.ca.gov/.

## CHAFEE GRANT:

A California state grant offered to California foster youth who have aged out of foster care to help pay for college. The maximum award is $\$ 5,000$ per school year. It is a federal and state funded grant subject to annual availability of funds. It does not need to be repaid.

## FEDERAL PELL GRANT:

This federal aid program is designed to provide assistance to students with the highest levels of demonstrated need. This grant is gift aid which does not need to be repaid. The amount of Pell Grant is determined based on financial need as determined by the Free Application for Federal Student Aid (FAFSA), cost of attendance and enrollment status. Award amounts are pro-rated based on enrollment.

## FEDERAL SEOG GRANT:

This federal aid program is designed to provide assistance to students with the highest levels of demonstrated need. Recipients must also qualify for the Pell Grant. This grant is gift aid which does not need to be repaid.

## STUDENT LOANS

## FEDERAL SUBSIDIZED AND UNSUBSIDIZED DIRECT

 LOANS:Low-interest loans for students enrolled at least half-time, awarded based on need as determined by the Free Application for Federal Student Aid (FAFSA). Repayment begins 6 months after the student is no longer enrolled at least half-time. Origination fee applies.

## FEDERAL DIRECT PARENT PLUS LOAN:

A low-interest federal loan available to credit-worthy parents of dependent undergraduate students who apply online at https:// www.studentloans.gov/myDirectLoan/index.action (https:// www.studentloans.gov/myDirectLoan/index.action/) and complete a

Master Promissory Note. Maximum award amount equals the cost of attendance minus all other aid received. Origination fee applies. Student must have completed a Free Application for Federal Student Aid (FAFSA).

## PRIVATE LOANS:

Loans for credit-worthy students who complete the application process with the lender of their choice. May be applied to prior balances. No Free Application for Federal Student Aid (FAFSA) required.

## STUDENT EMPLOYMENT

## VA WORK STUDY:

A source of employment for students who qualify based on their G.I. Benefit eligibility. This program is fully funded by the Department of Veteran Affairs. For more information, contact the university's VA School Certifying Official (VeteransCertifyingOfficial@vanguard.edu).

## Traditional Undergraduate Financial Aid Opportunities

GRANTS AND SCHOLARSHIPS
ACADEMIC SCHOLARSHIPS FOR FIRST-TIME FRESHMEN AND TRANSFERS:
Vanguard University offers a wide-range of academic scholarships programs to recognize and reward the scholastic accomplishments of our most distinguished entering freshmen and transfers. Scholarship selection coordinated by the Office of Undergraduate Admission. Scholarships are renewable for 8 semesters for entering freshmen and up to 6 semesters for transfer students provided renewal GPA requirements are met. If the renewal GPA is not achieved, the academic scholarship will be reduced to the corresponding Academic Scholarship level for subsequent aid years. Detailed information about these programs can be found on the Financial Aid Office website at https://www.vanguard.edu/ admissions/financial-aid (https://www.vanguard.edu/admissions/ financial-aid/).

Eligible academic scholarship recipients who complete a FAFSA will also be considered for all types of federal, state and institutional aid in accordance with University policies and federal and state regulations. Receipt of an academic scholarship does not preclude consideration from other financial aid awarded by the Financial Aid Office.

## ASSEMBLIES OF GOD EMERGING LEADER:

Vanguard University administers this competitive annual award of \$1,500 that may be available to full-time traditional undergraduate students who demonstrate superior involvement and leadership in their Assemblies of God (AG) church, community, and/or high school. Preference is given to students who receive a superior rating at the AG National Fine Arts Festival or National Bible Quiz. A copy of the award certificate should be submitted to the Office of Undergraduate Admission. To be eligible freshmen applicants must apply by the early action admission application deadline and have a Cal Grant (Grades 10/11, unweighted core) GPA of 3.0. The scholarship may be renewed for up to three years based on maintaining the 3.0 renewal GPA.

## ASSEMBLIES OF GOD CHURCH GRANT PROGRAM:

Grant amounts will vary and must be requested by the Church and approved by Vanguard University before the student may be awarded. Eligible students must maintain a 2.0 cumulative GPA. A FAFSA is not required to qualify.

## CAL GRANT:

Eligibility for this state grant is determined by the California Student Aid Commission (CSAC), based on California high school GPA or California Community College GPA, household size and family income and assets as reported on the FAFSA. All undergraduates who are residents of California are encouraged to apply. Cal Grants do not need to be repaid. For more information visit https://www.csac.ca.gov/.

## CHAFEE GRANT:

A California state grant offered to California foster youth who have aged out of foster care to help pay for college. The maximum award is $\$ 5,000$ per school year. It is a federal and state funded grant subject to annual availability of funds. It does not need to be repaid.

## FEDERAL PELL GRANT:

This federal aid program is designed to provide assistance to students with the highest levels of demonstrated need. This grant is gift aid which does not need to be repaid. The amount of Pell Grant is determined based on financial need as determined by the FAFSA, cost of attendance and enrollment status.

## FEDERAL SEOG GRANT:

This federal aid program is designed to provide assistance to students with the highest levels of demonstrated need. Recipients must also qualify for the Pell Grant. This grant is gift aid which does not need to be repaid.

## MINISTRY GRANT FOR TRADITIONAL UNDERGRADUATES:

Ministry grants of \$1,000 annually are awarded by Vanguard University to those involved in full-time Christian service as ordained or licensed ministers and missionaries, or their dependents. The Office of Undergraduate Admission and the Financial Aid Office confirm eligibility at point of admission. Supporting documentation must be submitted each year by the Financial Registration deadline or the grant will be removed.

## NATIONAL MERIT FINALIST:

Awards up to $100 \%$ of tuition are available to full-time undergraduate students selected as national merit finalists and entering VU as firsttime freshmen. Awards are renewable for up to four years based on maintaining a 3.0 cumulative GPA.

## SCHOLARSHIPS:

There are additional scholarships available to VU students. Most scholarships are awarded by the Financial Aid Office and do not require a special application to be considered.

## TALENT SCHOLARSHIPS (ATHLETICS, MUSIC, MUSICAL THEATRE, AND THEATRE):

Athletics Scholarships: Available to students involved in the Intercollegiate Athletic Program at Vanguard University. Award amounts will vary and are determined by the Athletic Department. Recipients are selected annually and are renewable upon the recommendation of the athletic coach and athletic department. Recipients of Athletic scholarships are not eligible to receive Vanguard Need Grants or Vanguard Grants. Athletic scholarship amounts cannot exceed direct costs, which include tuition, on-campus housing and university meal plans. Athletic scholarships will not be awarded for health insurance, books, transportation, off-campus or with parent living expenses.

- Music Scholarship: Available to Music majors, exceptionally talented non-majors may also be considered. Award amounts will vary and are determined by the Music department. Audition required.
- Music Theatre Scholarship: Available to Musical Theatre majors only. Award amounts will vary and are determined by the Theatre department. Audition required.
- Theatre Scholarship: Available to students who make significant contributions to Theatre productions sophomore through senior year. Award amounts will vary and are determined by the Theater department. Audition required.


## VANGUARD NEED GRANT AND VANGUARD GRANT:

These Vanguard University grants may be awarded to Traditional Undergraduate Students who demonstrate particularly high levels of financial need or merit. Recipients are selected by the Financial Aid Office. Students must complete a FAFSA annually by March 2nd to be considered. Student athletes are not eligible to receive these awards.

## STUDENT AND PARENT LOANS

All federal loans require that the student complete the Free Application for Federal Student Aid (FAFSA) and respond to any requests from the Financial Aid Office for additional information. Once a loan has disbursed, students have 120 days to request that the loan be cancelled if they no longer wish to borrow it.

## FEDERAL PERKINS LOAN:

This federal loan program expired in September 2017 and is no longer available.

## FEDERAL SUBSIDIZED AND UNSUBSIDIZED DIRECT LOANS: <br> Low-interest loans for students enrolled at least half-time, awarded based on need. Repayment begins 6 months after the student is no longer enrolled at least half-time. Origination fee applies.

## FEDERAL DIRECT PARENT PLUS LOAN:

A low-interest federal loan available to credit-worthy parents of dependent undergraduate students who apply online at https:// www.studentloans.gov/myDirectLoan/index.action (https:// www.studentloans.gov/myDirectLoan/index.action/) and complete a Master Promissory Note. Maximum award amount equals the cost of attendance minus all other aid received. Origination fees apply.

## PRIVATE LOANS:

Loans for credit-worthy students who complete the application process with the lender of their choice.

## STUDENT EMPLOYMENT FEDERAL WORK-STUDY:

A source of employment for students who qualify based on financial need. This program is jointly funded by the federal government and Vanguard University. Students are hired part-time by an employer on campus, and they may earn up to the amount listed on their financial aid award letter.

## VA WORK STUDY:

A source of employment for students who qualify based on their G.I. Benefit eligibility. This program is fully funded by the Department of Veteran Affairs. For more information, contact the university's VA School Certifying Official (VeteransCertifyingOfficial@vanguard.edu).

## Withdrawal and Return to Title IV Funds (R2T4) Policy

Note: If you received financial aid an official or unofficial withdrawal will affect your current financial aid, your future financial aid eligibility, and your personal finances.

## HOW A WITHDRAWAL AFFECTS FINANCIAL AID

Federal regulations require Title IV financial aid funds to be awarded under the assumption that a student will attend the institution for the entire period in which federal assistance was awarded. When a student withdraws from all courses for any reason, including medical withdrawals and leave of absences, he/she may no longer be eligible for the full amount of Title IV funds that he/she was originally scheduled to receive. The return of funds is based upon the premise that students earn their financial aid in proportion to the amount of time in which they are enrolled. A pro-rated schedule is used to determine the amount of federal student aid funds he/she will have earned at the time of the withdrawal. Once $60 \%$ of the semester is completed, a student is considered to have earned all of his/her financial aid and will not be required to return any funds. Institutional fund eligibility will be coordinated with the institutional refund policy.

Federal law requires schools to calculate how much federal financial aid a student has earned if that student:

- completely withdraws, or
- stops attending before completing the semester, or
- does not complete all modules (courses which are not scheduled for the entire semester or payment period for which he/she has registered at the time those modules began.), or,
- fails to earn a passing grade in all classes
- The order in which aid is returned is as follows:
- Direct Unsubsidized Loans
- Direct Subsidized Loans
- Direct PLUS Loans (Graduate student)
- Direct PLUS Loans (Parent)
- Federal Pell Grants
- Federal Supplemental Educational Opportunity Grant (SEOG)
- TEACH Grant
- Iraq Afghanistan Service Grant
- Other Federal sources of aid


## OTHER AID

The Return of Title IV funds policy does not apply to State Grants such as the Cal Grant, or institutional grants and scholarships. These types of aid are returned based on the Vanguard University Office of Accounting Operations refund percentage calendar. Contact the Financial Aid Office for more information. Student loan borrowers are responsible for loan funds that did not get returned to the lender as a part of the Return of Title IV Funds; repayment begins according to the terms and conditions of the promissory note. Once the return is calculated and aid is sent back to the Department of Education, in some cases students may still owe money to the school. Students who receive federal financial aid and do not complete their classes during a semester or term could be responsible for repaying a portion of the aid they received. Students that do not begin attendance must repay all financial aid disbursed for the term. It is the responsibility of the student to make payment arrangement with the Office of Accounting Operations to pay any balance. The University's tuition/fee refund policy is separate from the federal regulations to repay unearned aid. Whether or not a student receives a tuition/fee refund has no bearing on the amount he/she must repay to the federal aid programs.

## HOW THE EARNED FINANCIAL AID IS CALCULATED

Vanguard is required to determine the percentage of Title IV aid "earned" by the student and to return the unearned portion to the appropriate aid programs. Regulations require the Financial Aid Office to perform R2T4 calculations within 30 days from the date the school determines a student's withdrawal. The Financial Aid Office must then return the funds within 45 days of the calculation. The following formula is used to determine the percentage of unearned aid that must be returned to the federal government:

The percent earned is equal to the number of calendar days completed up to the withdrawal date, divided by the total calendar days in the payment period (less any scheduled breaks that are at least 5 days long).

The payment period for most students is the entire semester. However, for students enrolled in modules (courses which are not scheduled for the entire semester or term), the payment period only includes those days for the module(s) in which the student is registered. The percent unearned is equal to 100 percent minus the percent earned.

For students enrolled in modules: A student is considered withdrawn if the student does not complete all of the days in the payment period that the student was scheduled to complete. VU will track enrollment in each module (a group of courses in a program that do not span the entire length of the payment period combined to form a term) to determine if a student began enrollment in all scheduled courses. If a student officially drops courses in a later module while still attending a current module, the student is not considered as withdrawn based on not attending the later
module. However, a recalculation of aid based on a change in enrollment status may still be required.

Students who provide written confirmation to the Financial Aid Office at the time of ceasing attendance that they plan to attend another course later in the same payment period (semester) are not considered to have withdrawn from the term. If the student does not provide written confirmation of plans to return to school later in the same payment period or term, VU considers the student to have withdrawn and begins the R2T4 process immediately. However, if the student does return to VU in the same term, even if they did not provide written confirmation of plans to do so, the student is not considered to have withdrawn after all and is eligible to receive the Title IV funds for which the student was eligible before ceasing attendance. The Financial Aid Office will then reverse the R2T4 process and provide additional funds that the student is eligible to receive at the time of return.

## TYPES OF WITHDRAWALS

For financial aid purposes, there are two types of withdrawals: Official and Unofficial. An "official" withdrawal is one in which the student notifies the Registrar of their desire to withdraw from VU. An "unofficial" withdraw is one in which a student leaves without notifying the Registrar's Office. Students who do not officially withdraw and pass no units (receive all grades of ' $F$ ') in a semester, are presumed to have unofficially withdrawn, unless the student provides the Financial Aid Office with documentation showing attendance through the end of the semester. Such documentation must be presented within 30 days of the end of the semester being evaluated. The return of aid for an unofficial withdrawal is calculated at the midpoint of the semester.

## DETERMINATION OF THE WITHDRAWAL DATE

The withdrawal date used in the return calculation of a student's federal financial aid is the actual date indicated on the official withdrawal form as determined by the Office of the Registrar. If a student stops attending classes without notifying VU, the withdrawal date will be the midpoint of the semester or the last date of academic activity determined by VU. Additional documentation supporting the last date of academic activity may be provided by the student if they verify a later date of attendance than determined by VU.

## WHEN A STUDENT FAILS TO BEGIN ATTENDANCE

If a student receives financial aid, but never attends classes, the Financial Aid Office will return all disbursed funds to the respective federal and institutional aid programs.

## WHEN A STUDENT FAILS TO EARN A PASSING GRADE IN ANY CLASS

If the student has not completely withdrawn but has failed to earn a passing grade in at least one class for the term, federal regulations require the school to determine whether the student established eligibility for financial aid. Eligibility is based on the student attending at least one class or participating in any VU academic-related activity. If Vanguard University cannot verify that the student attended, all financial aid must
be repaid to the federal and institutional programs. The student's account will be charged and the student will be responsible for any balance due.

Students who can verify attendance beyond VU's records may submit supporting documentation to the Office of the Registrar. The student must submit supporting documentation within 30 days from the last date of the term. Recalculations for aid eligibility will not be performed for documentation received after that date.

## DEFINITION OF AN ACADEMIC RELATED ACTIVITY

Examples of VU's academic-related activities include but are not limited to physically attending a class where there is an opportunity for direct interaction between the instructor and students. Proof of participation:

- Exams or quizzes
- Tutorials
- Completion of an academic assignment, paper or project
- Participating in an online discussion about academic matters
- Initiating contact with a faculty member to ask a question about the academic subject studied in the course
- VU required study group where attendance is taken

For more information, please visit the "Withdrawals and Leave of Absence" section of the department's website (https://www.vanguard.edu/ admissions/financial-aid/).

## Financial Payment Information and Policies

## EDUCATIONAL EXPENSES

Payment of educational costs must be considered well in advance of registration. The essential costs are published prior to each new year and are available to students, parents, or employers so that proper preparation may be made. Each student is responsible for keeping his or her student account current. For a complete list of tuition, fees, room and board charges, please refer to the Office of Accounting Operations website using the link above. The University reserves the right to change tuition, fees, room and board charges without advance notice, should conditions so warrant.

## PAYMENT OF EDUCATION COSTS

Since the essential costs (tuition, fees, room, and board) are known in advance, students must make arrangements prior to registration to handle their account in accordance with university policies. The Vanguard University Financial Aid Office exists to assist the student in planning and procuring funds for educational costs. Students should pursue all forms of financial assistance through the Financial Aid Office.

## STUDENT ACCOUNT CLEARANCE

Student Account Clearance is when a student must finalize their payment arrangements for each semester once they have completed academic registration. This may include submitting necessary documents for student account clearance purposes and selecting a semester payment option. All students are responsible for completing Student Account

Clearance by the published deadlines despite the receipt of an invoice, billing statement, or payment reminder. Please refer to the Office of Accounting Operations website (https://www.vanguard.edu/accounting/) for more information on financial registration for your respective program.

Semester charges are payable on or before the published Student Account Clearance deadlines, as well as any previous semester balances. Financial aid from approved loans, scholarships, and other forms of student aid are permitted in order to reduce the total amount due. All such student aid is administered through the Financial Aid Office.

The University offers two semester payment options. Prior balances (all charges related to a previous semester) must be paid in full. Semester payment arrangements must be made prior to the published Student Account Clearance deadline:

- Option 1) Pay-In-Full: Pay the full amount referenced on your MyBill account by the published Student Account Clearance deadline.
- Option 2) Semester Payment Plan: Pay your semester balance referenced on your MyBill account interest free in 5 or 4 monthly installments. Students must enroll in a semester payment plan by the published Student Account Clearance deadline. There is an enrollment fee each semester with this payment option.
*All Vanguard students must complete a Financial Obligation Agreement with the Office of Accounting Operations by the published Student Account Clearance deadline. This document must be completed annually.

Please visit the Office of Accounting Operations website (https:// www.vanguard.edu/accounting/) for more information regarding Student Account Clearance specific to your program.

## BOOKSTORE CHARGES

Books, printed notes, and other supplies required for courses offered may be purchased by students from the Vanguard University Bookstore; see Bookstore website at http://www.bkstr.com/vanguarduniversitystore/ home/en. (http://www.bkstr.com/vanguarduniversitystore/home/ en.html) Purchases may be made with cash, check, or major credit cards. Students are unable to charge books and supplies to their student account.

## UNFULFILLED FINANCIAL OBLIGATION

If a student does not meet their financial obligation to the University as agreed upon in the Financial Obligation Agreement, the Office of Accounting Operations will place a financial hold on the student's account restricting all future registration and diploma. If the account remains delinquent for more than 90 days, the student is subject to placement with a third-party collection agency and may be submitted to the Franchise Tax Board (FTB) for interception of their state tax refund. If the account is placed with a collection agency, a $10 \%$ annual interest fee will be added to the account as well as negative marks on the student's credit report.

## EDUCATIONAL TRANSCRIPTS

There is a minimal fee per transcript. For 24-hour service, additional fees may be charged. For more information on order your transcript, contact the Registrar's Office at (714) 662-5200 or visit their website
at https://www.vanguard.edu/academics/registrar/transcripts (https:// www.vanguard.edu/academics/registrar/transcripts/)

## DIPLOMAS

A Diploma will not be issued to, or on behalf of, any student who has an active financial hold on their account by the Office of Accounting Operations, or whose Federal Perkins Loan is delinquency status.

## TRADITIONAL UNDERGRADUATE STUDENTS ONLY MEALS

Residential students are required to take their meals in the Café unless they have received a medical accommodation prior to the beginning of the semester or are living in an approved non-boarding room (see the Student Handbook for more information). Residential students seeking an accommodation should contact the Disability Services Office.

## ROOM

Residence on campus is available for traditional undergraduate students in two residence towers, three residence halls, and Vanguard Centre. Room costs are established on an annual basis, and rooms are to be vacated at the end of the academic year or upon withdrawal from classes.

## REFUND POLICIES

## TUITION REFUNDS

Tuition refunds will be generated once the student reduces their course load or withdraws from the University. An official add/drop or withdrawal form must be filed with the Registrar's Office. Refunds will be based on the date of receipt of the official forms by the Registrar's Office according to the tuition refund schedules posted on the Office of Accounting Operations website: https://www.vanguard.edu/resources/accounting/ tuition-refund-policy (https://www.vanguard.edu/resources/accounting/ tuition-refund-policy/)

Note: Tuition refund timelines vary based on the level of course (undergraduate, professional studies, or graduate) and the length of the course ( 5 weeks, 8 weeks, or 16 weeks).

The refund schedule applies to all tuition, fees, room and board charges. Students who withdraw or are expelled from the University may have their financial aid or a portion of their financial aid returned to the various aid programs. Any student who wishes to withdraw from the University must notify the Registrar's Office of their "intent to withdraw". The amount of financial aid returned for the student will be calculated based on this date. Federal aid will be returned based on the number of days the student attended/completed during the semester. State and institutional aid will be returned based on the refund percentage applied to the student's institutional charges. See the Financial Aid Office for specific calculations.

Both Fall and Spring semester classes follow a regular five-day business week. Other class schedule formats are prorated accordingly.

## OTHER FEES

All other fees are refundable based on the tuition refund schedule previously listed.

## STUDENT ACCOUNT BALANCE

Students who have a credit balance on their account are eligible to receive a credit balance disbursement. If a student has a Title IV credit on their account, then a disbursement will automatically be processed unless the student has authorized a hold on the funds until the end of the award/loan period.

Students who are expecting a credit balance disbursement have the option of receiving their disbursement via ACH Direct Deposit, which allows Vanguard University to electronically transfer funds into a checking or savings account designated by the student, or via paper check mailed to the primary home address on file. For instructions on how to sign up for ACH Direct Deposit, please visit the Office of Accounting Operations website (https://www.vanguard.edu/ accounting/) and select "Electronic Refunds (eRefunds)".

## ORIENTATION FEE

This fee is non-refundable.

## ROOM AND BOARD REFUNDS

Room and board refunds will be given to students who have withdrawn from the University or have received an on-campus exemption. The refund is based on the Full Semester Course Schedule previously listed and is calculated from the established University occupancy date and the actual date of vacancy.

## ACADEMIC POLICIES AND PROCEDURES

The University's Academic Policies and Procedures are managed through the Office of the Provost/Senior Vice President for Academic Affairs via the Academic Policy Committee. For further clarification on the procedures listed below, please contact the Office of the Registrar (records.support@vanguard.edu).

- Academic Calendar Defined (p. 35)
- Academic Course Numbering (p. 35)
- Academic Honors (p. 36)
- Academic Integrity and Classroom Conduct (p. 36)
- Academic Policy Exception (p. 40)
- Academic Probation and Disqualification (p. 40)
- Class Attendance Policy (p. 41)
- Commencement Ceremony Participation and Degree Completion (p. 42)
- Course Repeat Policy (p. 43)
- Credit by Testing, Extension and Examination (p. 43)
- Credit Hour Policy (p. 43)
- Cross Registration (p. 43)
- Degree Nomenclature (p. 44)
- Degree Requirements for Graduation (p. 44)
- Degrees Granted (p. 45)
- Diversity/Multicultural Exposure Course Requirement (p. 45)
- Enrollment Status Definitions (p. 46)
- Grade Appeal Policy and Procedure (p. 46)
- Grade Change Policy (p. 47)
- Grading System (p. 47)
- Graduation Application (p. 48)
- Incomplete Grades (p. 48)
- Leave of Absence Policy and Withdrawal from the University Policy (p. 48)
- Prior Learning Assessment (p. 49)
- Registration and Course Enrollment (p. 49)
- Release of Student Records (p. 51)
- Student Academic Honor Societies (p. 51)
- Student Academic Load (p. 51)
- Students Rights and Grievance Policies and Procedures (p. 52)
- Undergraduate Class Standing (p. 54)


## Academic Calendar Defined

Vanguard University operates on a three 16-week semester term academic calendar. The new academic calendar year in late August; and may have eight- and five-week mini session built within the overall term. The university's Academic Calendar (p. 6) can be accessed online.

Fall Semester Term - The semester normally is scheduled from late August to the Christmas Holiday.

- For traditional undergraduate students, a normal load for the fall term is twelve to eighteen credits. Students receiving Cal Grant aid are encouraged to enroll in 15 credits during the Fall and Spring term.
- Students enrolled in the Professional and Non-Traditional Programs are required to take a minimum of 9 credits to maintain full-time status each term.
- Students enrolled in the Graduate programs are required to take between 6-9 credits to maintain full-time status each term.

Spring Semester Term - The semester normally is scheduled from early January to early May.

- For traditional undergraduate students, a normal load for the fall term is twelve to eighteen credits. Students receiving Cal Grant aid are encouraged to enroll in 15 credits during the Fall and Spring term.
- Students enrolled in the Professional and Non-Traditional Programs are required to take a minimum of 9 credits to maintain full-time status each term.
- Students enrolled in the Graduate programs are required to take between 6-9 credits to maintain full-time status each term.

Summer Semester Term -The Summer term, which normally is scheduled from mid-May through early July.

- Students enrolled in the traditional undergraduate students may enroll in courses during the summer term, but will need to consult their financial aid counselor to see if aid is available.
- Students enrolled in the Professional and Non-Traditional Programs are required to take a minimum of 9 credits to maintain full-time status each term; covered by financial aid.
- Students enrolled in the Graduate programs are required to take between 6-9 credits to maintain full-time status each term; covered by financial aid. Graduate students are encouraged to speak with their program coordinator to determine if summer sessions are required or optional.


## Academic Course Numbering

Numbering of academic courses are assigned as follows:

| Number | Definition |
| :--- | :--- |
| 00-89 | Non-undergraduate level certificate <br> courses and are not accepted <br> towards a Bachelor degree. |
| Co-99 | Considered college preparatory <br> and are not accepted towards a <br> Bachelor degree. |
| 200-299 | Freshman level - lower division <br> courses. |
|  | Sophomore level - lower division <br> courses. (Freshman are admitted <br> to this level of courses provided <br> prerequisites have been met. |


| 300-499 | Upper Division courses. <br> (Sophomores who have their <br> advisor's consent and have met <br> prescribed prerequisites are <br> admitted to this level.) |
| :--- | :--- |
| 500-599 | Graduate level courses. (These <br> courses may also be offered at the <br> undergraduate level for qualified <br> students.) |
| $600-799$ | Graduate level courses only. |
| $1000-2999$ | Undergraduate level professional <br> development courses (not degree <br> applicable). |
| 3000-4999 | Undergraduate level continuing <br> education courses (not degree <br> applicable). |
| Graduate level professional |  |
| development courses (not degree |  |
| applicable). |  |

A course number followed by the letter C (e.g. THEO-101C Foundations of Christian Life) indicates the course is part of the core curriculum.

A course number followed by the letter H (e.g. THEO-103H Introduction to Theology Honors) indicates the course is part of the Honors Program for traditional undergraduate students. If there is an equivalent course in the Core Curriculum, the " H " course will count as Core Curriculum credit.

A course number followed by the letter L (e.g. BIOL-220L Cell Biology Lab) indicates that it is a laboratory course.

A course number beginning with the letter P (e.g. BUSN-P378 Research Methods) indicates that is offered only in the School for Professional Studies.

## Academic Honors

The deadline for having honors designated at the Commencement Ceremonies, regardless of academic program, is the end of the Fall term. Any grades and/or grade changes subsequently affecting the GPA will not be indicated for Commencement but will be reflected in the honors posted with the degree on the transcript and diploma.

Students official honors will be based upon their GPA at the completion of all coursework required to complete their academic degree and will be indicated on the permanent transcript and on the diploma; pending that the student has completed a minimum of 45 units at Vanguard University.

Students who have who have completed by the end of the Fall term no less than 36 units (bearing letter grades) and have maintained a cumulative GPA of $3.500-3.699$ will graduate cum laude. Those achieving a cumulative GPA of $3.700-3.899$ will graduate magna cum laude, and those achieving an average of 3.900 and above will graduate summa cum laude.

## Traditional Undergraduate Program

The Academic Honors list, produced following the end of each term, honors all degree-seeking students with twelve or more units who have earned a GPA of 3.5 or above for that term. Students who have completed, by the end of the Fall term, no less than 36 units (bearing letter grades) at Vanguard Unviersity may be eligible to participate with provisional honors in the Commencement ceremonies in May ahead of actual completion of all courses required for graduation.

## The School for Professional Studies

Professional Studies students will follow the same scheme noted above for traditional undergraduate students; however, the number of units required to be taken at Vanguard University will vary by program.

| Program | Units Required for <br> Honors | Units Required by Fall <br> for Provisional Honors <br> Recognition |
| :--- | :--- | :--- |
| Business <br> Administration | 39 | 30 |
| Early Childhood | 39 | 30 |
| Management | 39 | 30 |
| Psychology | 39 | 30 |
| RN to BSN | 30 | 24 |
| Theology | 39 | 30 |

The Academic Honors list produced at the end of each semester honors all degree-seeking students with nine or more units who have earned a GPA of 3.5 or above for that semester.

In order to have academic honors recorded on their transcript and diploma, students must complete a required minimum number of units at Vanguard University. The number of required units is dependent on the specific program, as outlined in the table below.

Students who have completed the majority of the units required for honors in their respective programs by the end of the Fall semester (as outlined in the chart below) will be eligible to participate with provisional honors in the Commencement ceremonies ahead of actual completion of all courses required for graduation. Students' official honors, however, will be based upon their GPA at the completion of all coursework required for graduation and will be indicated on the permanent transcript and on the diploma.

## Academic Integrity and Classroom Conduct

## ACADEMIC INTEGRITY AND DISHONESTY POLICY

[Adapted (with permission: 6.13.2006) from the Westmont College Plagiarism Policy]

Vanguard University is a community of Christian scholars. When students join our college community, they are expected, as apprentice scholars, to search for truth with integrity and accuracy. This quest requires humility about our abilities, respect for the ideas of others, and originality in
our thinking. Since Vanguard University is a Christian community, the integrity of our scholarship is rooted in the integrity of our faith. We seek to be followers of Christ in the classroom, in the library, and at the privacy of our computers. Academic dishonesty is considered a serious breach of trust within the Vanguard community, as it both violates the regard for truth essential to genuine learning and Christian consistency, and disadvantages those students who do their work with integrity. It demonstrates a deep disrespect for fellow students, the faculty, the University, and one's own commitment to the integrity that should mark the life of the practicing Christian. Academic dishonesty may consist of plagiarism, cheating, or falsification. The Office of the Provost is to be notified immediately of instances of academic dishonesty.

## PLAGIARISM

Students have a responsibility to understand plagiarism and to learn how to avoid it. They should refuse to allow fellow students "to borrow" or to use an assignment without proper citation, encourage fellow students to do their own work, and refrain from completing assignments for their fellow students. If a student helps another plagiarize in these or other ways, he or she is equally guilty of academic dishonesty.

## DEFINITIONS

To plagiarize is to present someone else's work-his or her words, line of thought, or organizational structure-as our own. This occurs when sources are not cited properly, or when permission is not obtained from the original author to use his or her work. By not acknowledging the sources that are used in our work, we are wrongfully taking material that is not our own. Plagiarism is thus an insidious and disruptive form of dishonesty. It violates relationships with known classmates and professors, and it violates the legal rights of people we may never meet. Another person's "work" can take many forms: printed or electronic copies of computer programs, musical compositions, drawings, paintings, oral presentations, papers, essays, articles or chapters, statistical data, tables or figures, etc. In short, if any information that can be considered the intellectual property of another is used without acknowledging the original source properly, this is plagiarism.

At Vanguard University, we define three levels of plagiarism:

1. Minimal plagiarism includes, but is not limited to, doing any of the following without attribution:
a. inserting verbatim phrases of 2-3 distinctive words;
b. substituting synonyms into the original sentence rather than rewriting the complete sentence;
c. reordering the clause of a sentence;
d. imitating the sentence, paragraph, or organizational structure, or writing style of a source;
e. using a source's line of logic, thesis or ideas.
2. Substantial plagiarism includes, but is not limited to, doing any of the following without attribution:
a. inserting verbatim sentences or longer passages from a source;
b. combining paraphrasing with verbatim sentences to create a paragraph or more of text;
c. repeatedly and pervasively engaging in minimal plagiarism.
3. Complete plagiarism includes, but is not limited to, doing any of the following without attribution:
a. submitting or presenting someone's complete published or unpublished work (paper, article, or chapter);
b. submitting another student's work for an assignment, with or without that person's knowledge or consent;
c. using information from a file of old assignments;
d. downloading a term paper from a web site;
e. buying a term paper from a mail order company or web site;
f. reusing or modifying previously submitted work (e.g., from another course) for a present assignment without obtaining prior approval from the instructors involved.

## CONSEQUENCES

Minimal plagiarism. When instances of minimal plagiarism are detected, the instructor can use these situations as an educational opportunity to discuss with the student the nature of plagiarism and the values of a scholarly, Christian community. At the professor's discretion, assignments may be rewritten and resubmitted, with or without a grade penalty. Repeated instances of minimal plagiarism may, at the professor's discretion, be treated as substantial plagiarism.

Substantial plagiarism. For a first offense, the student typically receives a failing grade on the assignment that has been plagiarized, and a Report of Academic Dishonesty is submitted to the Associate Provost/Dean of the College. For a second offense, the student typically receives a failing grade in the course, and a Report of Academic Dishonesty is submitted to the Associate Provost/Dean of the College. For a third offense, the student typically is recommended for expulsion from the University. The final appeal in all student academic matters is to the Provost, who serves as the chief academic officer of the University.

Complete plagiarism. For a first offense, the student typically receives a failing grade in the course, and a Report of Academic Dishonesty is submitted to the Associate Provost/Dean of the College. For a second offense, the student typically is recommended for expulsion from the University. The final appeal in all student academic matters is to the Provost, who serves as the chief academic officer of the University.

## CHEATING

Cheating is obtaining or helping another to obtain credit for work accomplished by deceptive means. Cheating includes, but is not limited to:

1. talking or communicating through signals with another student during a quiz or exam;
2. using unauthorized materials such as electronic devices or cheat sheets to obtain information for a quiz or exam;
3. copying or sharing information during a quiz or exam;
4. taking, using, sharing or posting an exam or answers to a quiz or exam (before, during or after the quiz or exam);
5. leaving during a quiz or exam in order to obtain information;
6. claiming credit for work not accomplished personally;
7. giving false data about the procedure used to take a quiz or exam or complete an assignment.

## FALSIFICATION

Falsification is the alteration of information, documents, or other evidence in order to mislead. Examples of this form of academic dishonesty include but are not limited to:

1. fabrication or falsification of data, analysis, citations or other information for assignments, exams, speeches or any other academic work;
2. forgery or unauthorized alteration of official documents, credentials, or signatures;
3. misrepresentation of one's academic accomplishments, experiences, credentials, or expertise;
4. withholding information related to admission, transfer credits, disciplinary actions, financial aid, or academic status;
5. submitting the same work in more than one class without the authorization of the instructors.

## CONSEQUENCES FOR CHEATING AND FALSIFICATION

1. If a student has been dishonest in any way in completing an academic assignment, the student typically receives a failing grade in the exercise and a Report of Academic Dishonesty is submitted to the Office of the Associate Provost/Dean of the College.
2. The above is understood to be a minimal degree of discipline. A faculty member may, if he or she has announced the policy, give the student an F in the course for any type of academic dishonesty.
3. A second violation or instance of dishonesty in the same or different course may result in expulsion from the university.
4. A student who feels that he or she has been unfairly accused or unjustly treated may appeal to an ad hoc committee comprised of the Associate Provost/Dean of the College, the Chair of the Department of the student's major, and an additional resident faculty member of the student's choosing. The final appeal in all student academic matters is to the Provost, who serves as the chief academic officer of the University.

## Computer Usage: Student Guidelines

(Excerpted from the Vanguard University Student Handbook (https:// www.vanguard.edu/student-life/))

## General Use Guidelines

As an educational institution, VU is firmly committed to the discovery of truth, the life of the mind, and the free interchange of ideas. The University recognizes that in order for the best learning to take place, students will be exposed to hostile, offensive, and even subversive ideas, so that the students can confront and wrestle with the whole range of ideas and philosophies in the intellectual marketplace. It is therefore
the position of the University that students should use maturity and self-discipline in accessing potentially offensive material. At the same time, VU is more than just an educational institution: it is a spiritual community committed to nurturing its members, providing them with good values and an atmosphere as positive and wholesome as possible. The Information Technology (IT) Department, therefore reserves the right to regulate or prohibit the access (such as by way of the Internet) to obscene, pornographic, and unlawful materials and the distribution of such materials over the campus network. Students using University computing and network resources are required to use them in a manner consistent with the University's standard of conduct. The framework of responsible, considerate, and ethical behavior expected by the University extends to cover the use of campus facilities and network resources and networks throughout the world to which electronic access has been provided by the University. Computing and network resources and user accounts are owned by the University and are to be used for universityrelated activities only. Computer equipment and accounts at VU should be used for legitimate instructional, research, and administrative or other approved purposes. In addition to these guidelines members of the VU community are expected to abide by all other published technology use policies.

## Student Computing and Network

VU makes available computing and network resources for use by the University's students. As a VU student, you have certain privileges. They include:

1. Use of Campus LAN and Wireless
2. E-mail
3. Use of Internet
4. Priority over non-VU users and/or guests when using campus computer labs
5. Use of computers and printers in the campus computer labs
6. Use of electronic library resources

## Student Responsibilities

To protect the quality and reliability of computing and network resources students must observe the following responsibilities. The list is not comprehensive, but it includes some of the responsibilities which you accept when you choose to use the University's computing resources and/or network which the university provides:

1. Student use of the campus network, the Internet, and e-mail will be consistent with the mission and character of VU. VU's information technology resources may not be used for any unauthorized purposes or for any activity that is harmful, illegal, obscene, or harassing.
2. Applying for a user ID under false pretenses is prohibited. Once you have received a user ID for access to the VU network, email and computer systems on that network, you are solely responsible for all actions taken while using that user ID.
3. Sharing or using another person's user ID, password or e-mail account is prohibited. Never leave your terminal or PC logged on and unattended for more than a few minutes. Never write down your user ID and password. Change passwords frequently.
4. You must not intentionally seek information about, browse, copy, or modify a file belonging to another person, whether
at VU or elsewhere, unless you have been granted explicit permission by the owner of the file.
5. You are authorized to use only computer resources and information to which you have been granted access. If you encounter or observe a gap in system or network security, you should immediately report the gap to the manager of that system. Abuse of a discovered gap rather than reporting it can result in disciplinary action.
6. If you are not certain you have permission to copy, compile or manipulate software or data, assume that you do not have permission.
7. The University's policies on harassment apply equally to electronic displays and communications as they do to more traditional means of display and communication. You must not display or transmit images, sounds or messages that could create an atmosphere of discomfort or harassment for others.
8. Messages, sentiments, and declarations sent as electronic mail or postings must meet the same standards for distribution or display as printed documents.
9. You are not permitted to send spam e-mail to faculty or staff on campus. Email regarding official VU business or events must receive approval through the IT Department and be routed through the division or department sponsoring the event.
10. Use of your network folder is a privilege for academic purposes. You are expected to stay within the space limits posted in the main lab.
11. You must not degrade computing or network performance in any way that will prevent others from meeting their educational or university business goals. Academic work by students takes precedence over personal usage.
12. You must not create or willfully disseminate computer viruses. You should be sensitive to the ease of spreading viruses and should take steps to ensure your files are virus-free.
13. You must not install any additional software on VU computer equipment.
14. Equipment and supplies for VU labs should be treated with care. These items are purchased with student fees for lab use only. Anyone who abuses equipment or takes supplies from the labs will lose lab privileges and be charged the cost of repair or replacement. Anyone who steals equipment will be prosecuted under the law.
15. Members of the VU University Community are expected to observe federal, state and local laws which govern computer and telecommunications use, as well as the University's own regulations and policies as outlined in the Student Handbook.
16. Students are required to utilize their Vanguard email account for all university business including communicating with professors and staff.

## Computer Dishonesty

## Plagiarism

There are three forms of plagiarism involving the use of computers and electronic storage of text.

1. Printing two or more copies of the same research paper which are used to fulfill the requirements for more than one class
without the consent of the professor(s). Some professors permit multiple submissions of papers, but others require that a paper be unique and original for each course. Submitting a paper previously used in another class, submitting a duplicate copy of a paper being used in another class or revising a paper used in an earlier class or used in another class during the same semester is unacceptable, unless you have obtained the express permission of your professor(s). If you are not sure about your professor's policy on the use of papers for more than one class, be sure to ask rather than turn in your work based upon an assumption of what will be accepted.
2. Using material from another student's paper. Block copying allows the transportation of whole sections or paragraphs of one paper to be merged into another paper. Plagiarism is the use of someone else's words or ideas without crediting that person, with or without the permission of the original writer to use his/her ideas. All material borrowed verbatim must be put in quotation marks and credited appropriately, regardless of the source. All ideas borrowed and turned into your own words must also be credited appropriately. You are prohibited from transporting whole sections of text from one student's paper into another student's paper, regardless of how much revision is done to the copied material.
3. Two or more students handing in copies of the same research paper or assignment, with each student claiming individual credit for the work. To avoid the accusation of collaboration in plagiarism, a student should not lend his/her disks to another student, who might copy an assignment from the disk.

## Violation of Copyright

Copyrighted programs and printed documentation may not be copied, distributed to others, or used on any machine outside of the computer labs, unless permitted under the terms of the software licenses between VU and the software manufacturers. Unauthorized copying is theft. Moreover, students with personal computers on campus are expected to not participate in software pirating or use pirated software.

## Invasion of Privacy

The files and programs of other people are private property. It is unethical for you to read, alter, or copy such private programs or files, unless you have explicit permission to do so by the owner.

## Disciplinary Procedures

If you violate any of the above guidelines, disciplinary action will be taken. The University reserves the right to monitor traffic on the network, including contents, and to examine files on the system which are connected to the network. Depending upon the seriousness of the offense, the following procedure will be followed:

1. You may be required to perform community service.
2. You may be required to pay a designated fine. If computer equipment is damaged, you will be required to pay for replacing the damaged equipment.
3. You may have your computer privileges temporarily or permanently revoked.
4. You may lose credit for the assignment, test, or even the entire course.
5. You may be dismissed from the University.
6. In serious cases, your name and a description of the violation(s) may be reported to the police. California Penal Code Section 502 makes certain computer abuses a crime, and penalties can range up to a $\$ 10,000$ fine and up to three years in prison.

You may appeal any decision to the Student Conduct Committee.

## Internet Material

All members of the VU community are encouraged to practice discretion and restraint in the materials that they access over the Internet. Obscene, pornographic, or unlawful materials accessed over the Internet are neither educationally nor spiritually purposeful and therefore should be avoided. Student use of the Internet is a privilege which can be revoked for cause.

## CLASSROOM CONDUCT

All students have the right to learn without interference from others. Faculty members have the authority to protect this right by creating and maintaining an environment that is conducive to learning. Students are expected to conduct themselves in a manner that is respectful of all others and does not disrupt the learning experience of others. Should an instructor determine that a student's conduct is disruptive, the instructor may impose the student's immediate removal from the classroom. The student may be referred for disciplinary action. The student may appeal to the Department Chair, and, if necessary, to the Dean of the College, and finally to the Provost.

## Academic Policy Exception

Unless stated otherwise in the Academic Policies section of the catalog, a student seeking a variance from any stated academic policy should consult with the department. Academic Policy Exception Request forms are available online or in the Office of the Registrar. The final appeal in all student academic matters is to the Provost, who serves as the Chief Academic Officer of the university.

## Academic Probation and Disqualification

## ACADEMIC PROBATION

"Academic probation" is a term used to designate a period of close academic supervision, generally including reduced allowable activities, imposed to improve unsatisfactory academic performance. Students on academic probation may not register for more than fifteen units, excluding physical activity courses, during the probation period. Such students shall not hold a student body office and must curtail extracurricular work and activities as recommended by their faculty advisor. In certain cases, eligibility for participation in intercollegiate sports may be forfeited.

A student's official transcript may reflect academic probation following any full semester in which a student's current or cumulative grade point average (GPA) drops below a " C " average (2.0). This academic standing will remain in place unless the student receives a change of grade bringing both their current and cumulative GPA above 2.0 prior to the end of the withdrawal period of the following semester. Academic probation
will continue for the student until the current and cumulative GPAs are raised to 2.0 or higher.

## ACADEMIC DISQUALIFICATION

## Traditional Undergraduate Program

A student is academically disqualified when there are two consecutive semesters of current or cumulative GPA below "C" (2.0). Students academically disqualified are precluded from further enrollment. In certain situations (explained in the letter informing the student of disqualification) students may appeal for re-entry. Appeals begin with the Dean of the College.

## School for Professional Studies

A student is subject to academic disqualification based on the criteria below.

- If after acquiring Probationary status the previous semester, the student earns a current GPA below (2.0) in the subsequent semester OR
- If after being accepted provisionally, the student earns GPA below 2.0 in the semester of admission.

Professional Studies students with a current semester GPA of 2.0 or higher and with cumulative GPA below 2.0 , will be placed on or remain on academic probation status until both the current and cumulative GPA are above 2.0.

## Re-admission Procedures for Disqualified Students:

A disqualified student must submit the following in order to be considered for re-admission into the university:

- An application for Re-Admission
- The Re-Admission Fee
- A petition explaining the previous academic performance and outlining the steps that have been taken to improve future academic performance.
- Official transcripts for any coursework completed since being disqualified from VU. Transcripts must provide evidence that a minimum of 6 units of coursework at another accredited institution have been completed since being disqualified from VU with grades above a " C " average (2.0).
- Any other required items

For students who have been disqualified due to reasons of health, family emergency or other similar life changing events, their applications will be reviewed and evaluated on a case by case basis. For students in this category who were not accepted on a provisional basis but had a circumstance beyond their control, all of the above steps must be followed (minus the additional course work and transcripts).

After all re-admission items have been received, the Admissions Committee will, in consultation with the Chair of the student's intended major, review the student's file and render an admissions decision. This decision will be communicated to the student via e-mail. Decisions may be appealed to the Dean and then to the Office of the Provost.

Previously disqualified students will have their status reviewed at the end of the semester in which they return. Students who have achieved both a
current and cumulative GPA of 2.0 or higher or who have received a grade of " $B$ " or better in each course taken during the probationary semester may enroll in the next term without petitioning. Students who have not met one of these criteria must submit a petition for further consideration of re-enrollment.

Note: Registration for subsequent terms sometimes occurs before completed grades for the previous term are submitted. Students are advised that, upon receipt of the prior semester's grades, they may be placed on probation or be academically disqualified with immediate effect. Students in jeopardy of disqualification should register for the next term at their own risk and in careful consultation with their advisor. Should the student be academically disqualified, he or she will be dropped from all upcoming courses.

## Graduate Programs

Students academically disqualified (see program sections for information on student standing) will be dismissed from the program and are precluded from further enrollment. In certain situations (explained in the letter informing the student of disqualification) students may appeal for re-entry. Appeals begin with the Director of the Program.

## Class Attendance Policy

Regular, diligent, and punctual class attendance is expected and is essential to optimum academic achievement.

## Traditional Undergraduate Program

Absences occasioned by participation in a college-approved activity (e.g. field trips, athletic contests) are governed by the following:

- Students are responsible for initiating the process of makeup work. Work must be submitted when due whether or not the student is present.
- Scheduled events (games, concerts, tournaments) constitute an excuse to miss class; however, practices do not.
- Students should clear their class schedules with coaches or directors before registering for classes to minimize potential conflicts.
- Missed classes for authorized events will count toward the onefifth absence allowance. Student athletes and others affected by excused absences should be particularly careful not to miss other class sessions for unauthorized reasons.
- Students shall not be penalized for missing class for authorized college activities by loss of attendance points. On the rare occasion it would be impossible to make up a missed class or lab; the student should miss the activity and not be penalized by the coach or director.


## School for Professional Studies

Due to the accelerated nature of Professional Studies courses, our emphasis upon participatory learning, and in order to comply with federal regulations, students must academically attend their courses every week. Attendance consists of any assigned activity required to complete a course successfully, including but not limited to attending a class, completing a quiz, making a discussion post, or fulfilling hours for a practicum, etc. Professional Studies' rules governing attendance depend on whether the course has a required synchronous attendance requirement. Course syllabi will specify attendance requirements.

- For on-campus and online synchronous courses, students who miss more than one class meeting in any given course will receive a failing grade and will need to retake the course. If an instructor deems that a student's additional absences were under unavoidable or unusual circumstances, the instructor may reinstate the student to the course, provided that the missing attendance can reasonably be made up by the student. If the instructor determines that the work cannot be made up, the instructor may petition the Chair. If this academic petition is approved, the student will be given a "W" (Withdrawal) in place of the failing grade. The student will be required to retake the course or a substitute equivalent.
- For online asynchronous courses or courses without a meeting requirement, students must complete assignments on the required schedule. All work they complete for these courses will count as academic attendance. Students who fail to complete more than one week of course work in any given course will receive a failing grade and will need to retake the course. If an instructor deems that a student's incomplete work was under unavoidable or unusual circumstances, the instructor may reinstate the student to the course, provided that the student can reasonably complete the missing work. If the instructor determines that the work cannot be completed but that there was an extenuating circumstance, the instructor may petition the Chair. If the academic petition is approved, the student will be given a "W" (withdrawal) in place of the failing grade. The student will still be required to retake the course.
- For hybrid courses, specific attendance requirements are set by the instructor and included in the syllabus.


## Bar-From-Attendance

A student may be barred from attending classes for failure to: present official transcripts certifying previous institutional work, comply with admission requirements, respond to official notices, settle unresolved financial obligations when due, or comply with the community participation standards listed earlier.

## Drop Policy

Students may drop their course in self-service during the add/drop period. After the add/drop period ends, students must notify the SPS office if they desire to drop a course, using their official Vanguard University student email only and the appropriate add/drop form. Unless written notification is received, the student will remain registered in the course/courses listed on their registration form and will be financially and academically responsible. Only those courses specified in the drop request will be dropped. Students who have registered for more than one session or mod will not be automatically dropped from the remaining sessions or mods unless written notice has been provided. If a student chooses to switch a course from one session to another, this is treated in the same way as dropping a class, and the drop/refund policies will apply in this situation. The drop will be processed using the date the student's written notification is received by the SPS Office.

NOTE: Dropping courses will have academic and financial aid implications. Students are strongly urged to discuss their decisions with the Student Success team and their Financial Aid Counselor. Students using VA Benefits must also consult with the university's School (veteranscertifyingofficial@vanguard.edu) Certifying Official (VeteransCertifyingOfficial@vanguard.edu) before dropping a course.

## Administrative Drops for Non-Attendance

The specific non-attendance drop policy depends on the modality of the course, i.e. how the course is offered.

- For on-campus and online synchronous courses, students determined to be absent from both week 1 and week 2 of the course will be administratively dropped from the course in question and receive a full refund.
- For online asynchronous courses, students who have not academically attended by the end of the first week of the course will be administratively dropped from the course in question and receive a full refund.

In both of the cases above, students are strongly advised to communicate their desire to drop a course by sending a written request to drop to the SPS Office via their official Vanguard University student email address and using the required add/drop form as soon as they have made their determination. In ambiguous situations, the date of this communication to drop the course becomes definitive for determining the student's academic and financial responsibility

Students absent from both week 1 and week 2 of class will be automatically dropped from the course with a full refund given.

Note: All students attending at least one week of class will not be dropped automatically from class; therefore, the standard refund policy will be upheld.

## Five to Seven Week Classes

Prior to 2nd Class Meeting
After 2nd Class and Prior to 4th

After 4th class meeting
Failing)

## Eight to Ten Week Classes

Prior to 2nd Class Meeting
After 2nd Class and Prior to 5th

After 5th class meeting Failing)
(Refer to the SPS Refund Schedule section for financial implications).
Students receiving a failing grade for a course must repeat the course again at their earliest convenience. The Student Success Coordinator will assist with the registration process for the repeated course. Prevailing tuition charges for the repeated course will be effective.

## Non-Attendance Drop Policy (Online Courses)

Students who do not login to their online course by 11:59 P.M. (PST) of the second day of class, will be automatically dropped from the course with a full refund given. To remain in good academic standing, a written request to drop must be provided to the SPS Office before the third week of class.

Note: All students who have academically attended at least one week of a course will not be administratively dropped from that course, and the standard drop and refund policies will apply.

Five to Seven Week Classes
Academic Action

Prior to 11:59 P.M. (PT) on Sunday before Week 2 record
After 2nd class and prior to 11:59 P.M. (PT)
on Sunday before Week 4
(Withdrawal)
After 11:59 P.M. (PT) on Sunday before Week 4
Complete drop off
(Withdrawal Failing)

## Graduate Programs

Regular and punctual class attendance is expected. Failure to attend may result in a lower or failing course grade. See the program sections and course syllabi for more information.

## Commencement Ceremony Participation and Degree Completion Traditional Undergraduate Students

Undergraduate students may only participate in Commencement ceremonies at the conclusion of the Spring term if they have no more than four (4) units outstanding to complete their degree. These units must be completed in the academic term immediately following the Commencement ceremony in which they participate (e.g. participation in May, completion of academic requirements due in August). Any student academic file remaining open at the conclusion of the academic term immediately following the Commencement ceremony in which they participated will be archived and a fee may be assessed for reactivation of file and re-admittance to the university to complete outstanding course work.

Successful completion of off-campus testing for academic credit, such as CLEP, must be verified prior to the beginning of spring term to be considered for the May ceremony. Students completing outstanding units at another college or university, must complete an Off-Campus Units Request form and receive approval from the Office of the Registrar in advance of enrollment at secondary institution.

## School for Professional Studies

Students desiring to participate in commencement ceremonies in May should be aware that they will be approved to "walk" only if they have no more than three (3) courses to be completed during the summer term immediately following commencement. Successful completion of off-campus testing for academic credit, such as CLEP, must be verified by the Office of the Registrar prior to the beginning of spring semester to be considered for the May ceremony.

Students in the School for Professional Studies are allowed twelve (12) months after the end of their final upper division course to complete any outstanding general education or elective coursework needed to become a degree candidate. Students taking longer than twelve (12) months will be required to complete any new upper division requirements in effect for their degree program. Students must complete the re-admission process after a withdrawal or a one term leave of absence.

## Graduate Programs

Academic degrees are formally awarded at the end of the Fall, Spring and Summer terms. The degree is posted on the transcript as of the last day of the term in which the graduation requirements are met.

Commencement exercises are held annually at the end of the Spring term.

## Course Repeat Policy

Academic courses offered at Vanguard University are not repeatable unless specifically noted in the catalog. Those students who wish to retake a course due to a low or failing grade are permitted to register again for the same course during any given semester. All grades will appear on the student's permanent academic record (transcript). When a course is repeated, all grades will remain on the transcript, but only the higher grade is computed in the grade point average. In the case that the grades are the same, only the most recent grade will be included in the grade point average (G.P.A.).

## Credit by Testing, Extension and Examination <br> Traditional Undergraduate Programs

Credit by Examination (maximum: 36 units)
Vanguard University grants a maximum of twenty-four (36) units from Advanced Placement (AP), College Level Examination Program (CLEP), International Baccalaureate (I.B.), other testing organizations, or from non-Vanguard University extension and correspondence programs. Vanguard University grants credit to students who receive a grade of " 3 " or higher on tests administered in the AP program of the College Board unless otherwise indicated by the appropriate department. Credit for exams taken through CLEP will be awarded based on recommendations by CLEP and the appropriate department. Typically, a minimum score of 50 is required. Vanguard University grants credit to students who receive a score of " 4 " or higher on the higher-level exams in the I.B. program. Work taken through any regionally accredited extension, online, or correspondence program may be recognized for fulfilling graduation requirements. Go to http://www.vanguard.edu/registrar/undergraduatetransfer/ for more detailed information.

## School for Professional Studies Undergraduate Programs

## Credit by Examination (maximum: 45 units)

For students enrolled in the School for Professional studies, the University offers several means by which a maximum of forty-five (45) educational units may be earned. These include nationally recognized testing organizations such as AP (Advanced Placement), CLEP (College Level Examination Program), IB (International Baccalaureate), DANTES (Defense Activity for Traditional Educational Support), USAFI (United States Armed Forces Institute). For RN to BSN students, 10 units will be granted for passing the NCLEX exam (National Council Licensure Exam for Registered Nurses). These units will be applied to the general education and elective categories. See Credit by Examination (https:// www.vanguard.edu/fs/pages/3262/) for more information.

For further assistance, please contact the School for Professional Studies.

## Credit Hour Policy

A semester credit hour is defined as the quantity of work represented in intended learning outcomes and verified by evidence of student achievement that reasonably approximates the amount of work required by one hour (minimum 50 minutes) of classroom or direct faculty instruction per credit and a minimum of two hours out-of-class student work each week per credit for approximately sixteen weeks or one semester, or an equivalent quantity of work over a term of different length (intensive, accelerated, online courses, etc.).

Vanguard defines a credit hour as approximately 37.5-45 hours of engaged learning time over the course of a term. Therefore, the typical 3unit course will have the equivalent of 112.5-135 clock hours of engaged time over the course of the term.

Semester credit hours may be achieved by those academic activities established by the University, including engaged learning time in face-to-face meetings, in a prescribed lab or internship/practicum setting, in synchronous or asynchronous online learning activities, or in independent reading, research, or writing activities. With regard to clinical or laboratory hours, the appropriateness of a clinical hour may be based on each program's unique requirements or accreditation agency criteria, within the context of program and institutional learning outcomes.

This institutional policy is in accordance with the WASC Credit Hour Policy (https://www.wscuc.org/resources/credithour/), which relies on the Department of Education's definition and the assignment of credit hours.

Under federal regulations, all candidate and accredited institutions are responsible to comply with the definition of the credit hour as provided in Code of Federal Regulations 34 CFR 600.2 and 34 CFR 602.24.

## Cross Registration CROSS REGISTRATION BETWEEN ACADEMIC PROGRAM AND STUDENT TYPE

Undergraduate students at Vanguard University may enroll concurrently in courses outside their declared program/student type under certain conditions:

1. Students must complete the Cross-Registration Form ${ }^{1}$ and receive approvals from the following:
a. the student's primary academic program advisor and;
b. the appropriate department/program chair (or designee) responsible for the cross-registered course.
2. On the cross-registration form, students must attest that they understand the differences between various formats and must affirm that they will follow the policies governing the crossregistered course(s).
3. Students may not cross-register for more than eight (8) units in a given 16 -week term. There is no unit cap during the summer term.

## Notes and Exceptions:

1. A student's fit for the desired course format will be assessed on a case-by-case basis, with particular emphasis on the student's ability to succeed.
2. Additional approvals may be necessary for students who wish to have a course outside the student's declared student program/type satisfy major and/or core curriculum requirements. In such cases, academic advisors will assist students to obtain necessary variance approvals before approving the cross-registration request.
3. Students receiving Education and Training benefits through the U.S. Department of Veteran Affairs are exempted from the maximum units allowed requirements and must speak with the School Certifying Official (VASCO@vanguard.edu) in advance of course registration.

1
The Cross-Registration Form is available online to current undergraduate students in the student portal (login required) and is applicable for both the College and Professional Studies student types.

## Degree Nomenclature DEGREE

Academic degree or level is being completed. The academic degree can be written out or abbreviated. (e.g. Bachelor of Arts, Master of Science, B.S., B.M., M.A, etc.)

## MAJOR

Is defined as the primary academic field of specialized study offered by an academic department. A major has an academic evaluation (degree audit) and appears on the academic transcript and on the diploma (e.g., Sociology, Mathematics, Psychology. etc.).

## DECLARING AN ACADEMIC MAJOR

All undergraduate students must declare an academic major no later than the end of their third full term of work. Students may be aided in this determination by consulting with departments of interest or the academic advisor for undeclared majors. Formal declaration of a major or a change of major is made by filing a Change or Declaration of Major form found in the student portal (login required)and file with the Office of the Registrar.

## MINOR

Is defined as as a grouping of classes around a specific subject matter, typically between 18-30 credits. A minor must be combined with an academic major/degree program, has an academic evaluation (degree audit) and appears on the academic transcript, but not on the diploma.

## DECLARING AN ACADEMIC MINOR

An academic minor consists on average of twenty (20) credits in a single subject area. Students cannot receive minors in the same department as their major. A student who desires a departmental minor should consult the appropriate department. Undergraduate students are encouraged to declare academic minors early for academic advising and degree audit purposes. Academic minor not declared at time of submission of the Application for Intent to Graduate form, will not be reviewed in the final
degree audit for degree completion. Academic minors may be declared in the Office of the Registrar.

## CONCENTRATION

A curriculum that concentrates on a particular recognized field of study within an academic major. A concentration may be required or optional as part of the academic major; has an academic evaluation (degree audit) and appears on the academic transcript, but not on the diploma.

## EMPHASIS

A curriculum that emphasizes a limited number of distinct courses within an academic major but which are not sufficient in depth or scope to qualify as a specialized concentration in an academic field of study. An emphasis may have no academic evaluation (degree audit) and does not appear on the academic transcript or on the diploma.

## CERTIFICATES

A certificate is defined as a set of classes grouped around a particular subject matter, typically between 12-27 credits. It can be combined with an academic major/degree program and may be offered as a stand-alone option for individuals, including working professionals, wishing to expand their knowledge in a particular subject area. A certificate may have no academic evaluation (degree audit) and does not appear on the academic transcript or on the diploma.

## Degree Requirements for Graduation BACHELOR DEGREE

Candidates for the Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degrees must meet the following requirements:

1. Complete a minimum of 120 units (note: some majors require more than 120 units).
2. Complete all major requirements as prescribed by the catalog; and at least fifty percent ( $50 \%$ ) of the major must be completed at Vanguard University.
a. A minimum of thirty-six (36) units must be upper division work and twenty-four (24) units must be taken at Vanguard University.
b. A minimum of twenty-four (24) of the last thirty (30) units must be earned at Vanguard University. Veterans and active duty military are exempt from this requirement.
3. A cumulative grade point average of 2.0 or above for work taken at Vanguard University
4. Complete the Core Curriculum (Traditional Undergraduates) or General Education (School for Professional Studies) requirements.
5. A minor in a department or subject is optional. If a minor is not declared, and after the major is completed a student had remaining units to reach the 120 unit minimum, a student will complete the required units for graduation by taking general elective courses.
6. A Graduation Application must be filed in the Office of the Registrar on or before the stated deadlines.

## SECOND BACHELOR'S DEGREE

A second Bachelor's degree may be awarded to a student who applies providing a minimum of thirty units beyond the units required for the first Bachelor's is achieved. A second Bachelor's degree may be pursued concurrently with the first one providing no units are applied to both degrees (with the exception of Core Curriculum or General Education courses), including the total number of units needed for the first degree ( 120 minimum). The second Bachelor's must be in a major significantly different from the first Bachelor's, and a minimum grade point average of 2.0 must be maintained. Requirements for both degrees must be fully satisfied. No more than six units may be transferred toward the second degree's major-no more than six units may be lower division. A student desiring to be considered for a second Bachelor's must be enrolled at Vanguard University in the final semester in which graduation requirements are to be met must submit a Graduation Application to the Office of the Registrar by the stated deadlines.

Students may complete a second major at Vanguard University and have the second major indicated on the transcript and diploma; however, only those students who have achieved a second Bachelor's degree will be awarded a second diploma and be permitted to participate in the commencement ceremonies for a second time.

## GRADUATE DEGREE

Candidates for the Master of Arts, Master of Science, or Master of Science in Nursing degrees must meet the following institutional requirements:

1. A major in a department must be completed as prescribed by the catalog; and at least fifty percent ( $50 \%$ ) of the major must be completed at Vanguard University.
2. A Graduation Application must be filed in the Office of the Registrar on or before the stated deadlines.

## AWARDING OF ACADEMIC DEGREES

Academic degrees are formally conferred at the end of the Fall, Spring and Summer terms once completion of final course work has been confirmed. The degree is posted on the transcript as of the last day of the term in which the graduation requirements are met. Commencement exercises are held annually at the end of the Spring term. Diplomas will not be issued to any student whose Vanguard account is not paid in full or whose Federal Perkins Loan is delinquency status.

## DEGREE RESCISSION POLICY

The University reserves the right to rescind any academic degree it has conferred if program requirements have not been met or if it is determined that fraud has been involved in the acquisition of the degree.

## Degrees Granted

Vanguard University offers the Bachelor of Arts, Bachelor of Music, Bachelor of Science, Bachelor of Science in Nursing, Master of Arts, Master of Science, and Master of Science in Nursing degrees. The university also offers certificates in at the undergraduate and graduate
levels. For more information on the academic degrees and certificates offered, please refer to the University Structure (p. 10).

## Diversity/Multicultural Exposure Course Requirement

It is the desire of the University to increase student understanding of the world's diversity as an essential component of the educational process. Thus, the diversity/multicultural exposure course requirement in the curriculum aims to increase awareness of the richness and variety of contributions to society, culture, knowledge. Diversity/multicultural exposure courses thus consider:

1. the concerns and contributions of women and people of diverse backgrounds (as defined by race, gender, ethnicity, physical ability, generation, religion, or national origins); and
2. a need for cooperation within a complex and increasingly interdependent global community. Furthermore, as a community of Christians,
3. equipping all students to demonstrate the Christian ethic of love by embracing reconciliation, promoting social justice, and carrying out transformative and redemptive actions in the name of Jesus Christ.

## LEARNING OUTCOMES

The university expects its students to excel in four diversity learning outcomes:

- Knowledge: Demonstrates knowledge of multiple cultural perspectives and global experiences by articulating the value of diversity through reports, presentations, examinations, fieldwork, and discipline-appropriate projects.
- Self-Examination: Examines one's own attitudes, values, and assumptions and examines their impact. Evaluates one's own attitudes, assumptions, and behavior towards diversity concerns and issues by recognizing, examining, and challenging underlying assumptions and prejudices through coursework such as self-reflective essays, reading responses, and journal entries, with the recognition that such work is a life-long endeavor.
- Personal Engagement: Engages others with civility, empathy, honesty and responsibility with awareness of equity issues such as power dynamics and social privilege in these interactions. Demonstrates respectful and appropriate behavior when interacting with people of different genders, generation, religion, ethnicity, race, national origin, socioeconomic status, and ability by developing sensitivity to equity issues (such as power dynamics and social privilege) through field experience, research, and analytical reading and writing.
- Social Engagement: Challenges past, present and future discrimination and privilege of individuals, societies, groups and institutions. Identifies and begins to seek out transformative and redemptive opportunities in the church, in society, and in the evolving realities of global change through academic, cocurricular, internship, and vocational opportunities.


## BROAD SCOPE AND FLEXIBILITY

The diversity/multicultural exposure requirement can be fulfilled with either:

> - Three (3) units of Diversity Focused (DF) courses, or
> - Twelve (12) units of Diversity Enhanced (DE) courses.

Diversity Focused (DF) courses are wholly centered on matters related to either gender, race, ethnicity, religion, lifestyle, and/or global perspectives. The subject matter is identified in the syllabus as such, and the course title often reflects the content as "diversity focused." Diversity Enhanced (DE) courses devote at least one-quarter of their content and time to diversity topics. The requirement guarantees that every student who takes at least one DF, or a series of DE courses, will have exposure(s) that promote(s) greater understanding of some aspect of the many cultural, gender, or other diversities which characterize the modern world.

Code
Title
The following are approved Diversity Focused (DF) courses: ${ }^{1}$

## Units

| ANTH-102C | Intro to Cultural Anthropology |
| :--- | :--- |
| ANTH/ | Modern China |
| HIST-317 |  |
| ANTH/ | Social \& Cultural Change |
| SOC-320 |  |
| ANTH/ | Class,Race,Ethnicity \& Gender |
| SOC-343 |  |
| ANTH-450 | Anthropology Teaching Internship |
| ANTH/ | Language,Culture/Linguistics |
| ENGL-453 |  |
| COMM-318 | Nonverbal Communication |
| COMM-345 | Communication Across Cultures |
| COMM-374 | Communication, Gender and Culture |
| COMM-376 | Communication, Race and Ethnicity |
| EDUC-315 | Teaching in a Multicultural Setting |
| ENGL-433 | Global Voices: World Literature |
| HIST-203C | World Civilizations I |
| HIST-204C | World Civilization II |
| HIST-356 | History and Geography of California |
| HIST-360 | Women in American History |
| ICST-102 | Intro/Intercultural Studies |
| ICST-345 | Intercultural Comm in Ministry |
| MUSC-253 | Music in Global Cultures |
| MUSC-327 | Music History \& Literature III |
| OT-425 | Women in the Books of Samuel |
| OT-430 | Women in Early Israel |
| PLST/ | Women in Ministry |
| THEO-432 |  |
| PSYC-33 | Mutioltara Psy |

PSYC-331 Multi-Cultural Psychology
PSYC-335 Social \& Psychological Aspects of Aging
SOC-100C Introduction to Sociology
SOC/ Gender, Culture, and Society
ANTH-334
WJST-110 Introduction to Women and Justice

| WJST-212 | Ensure Justice Conference Studies |  |
| :--- | :--- | ---: |
| WJST-345 | Human Trafficking |  |
| WJST-410 | Research in Women's Studies | Units |
| Code | Title | $\mathbf{1 2}$ |
| The following are approved Diversity Enhanced (DE) courses: ${ }^{1}$ |  |  |
| ENGL-230C | Literature and the Human Experience |  |
| ENGL-309 | Awakenings: Voices in American Lit |  |
| KINE-231 | Global Games/Recreatn/Activit |  |

1
Some special topic or seminar courses (291, 292, 293, 470 and 490) may fulfill the diversity/multicultural exposure course requirement. Consult the Office of the Registrar regarding fulfillment of this requirement with other courses than those listed above.

## Enrollment Status Definitions

Vanguard University defines enrollment status below for current students based on a 16 -week term:

Full-time:
Traditional Undergraduate ${ }^{1}$ : 12 units
Professional Studies or Non-Traditional Education ${ }^{2}$ : 9 units Graduate ${ }^{3}$ : 6-9 units

## Three-Quarter-time:

Undergraduate ${ }^{1}$ : 9 units
Graduate: 7 units

## Half-time:

Undergraduate ${ }^{1}$ : 6 units
Graduate: 5 units
1
Includes all students taking undergraduate level courses regardless of the delivery system (e.g. online, seated) or student type (traditional or professional studies). Also includes students pursuing their teaching credential, though coursework will count toward the MA degree.

Professional Studies programs are offered in a cohort model and offered in 5 and 8 week sub-terms within the overall 16 -week term. Nine credits taken in the sub-term cohort format is considered full-time.

Please contact the respective Graduate Program Chair for more information on number of units required for full-time status in a particular program.

## Grade Appeal Policy and Procedure POLICY

No course grade may be appealed more than one year (12 months) after the end of the academic term in which the grade was assigned.

A course grade may be appealed only on the basis of one or more of the following justifications: UNIVERSITY

1. Erroneous course grade assigned.
2. Assigned course grade based on capricious or prejudicial evaluation of course work.
3. Assigned course grade based on inconsistent or inequitably applied standards for evaluation.

## PROCEDURE

A student wishing to contest a course grade should first seek an explanation from the Instructor of Record for the course assigning the grade. If the Instructor of Record approved a course grade change, the instructor shall submit a Change of Grade form to the Office of the Registrar and shall provide a written notification of the decision to the student.

Should the Instructor of Record be unavailable or if the explanation given is deemed unsatisfactory, the student may appeal to the appropriate academic administrator (Department Chair, Professional Studies Chair, Graduate Program Director). The academic administrator shall seek to reach a mutually satisfactory resolution of the matter by conferring with the student and the instructor. If the instructor does not respond to attempts for conferral, the academic administrator will resolve the matter in light of the evidence presented. If resolution is achieved and results in a course grade change, the academic administrator shall submit a Change of Grade form to the Office of the Registrar and shall provide a written notification of the decision to the instructor and the student. Should the instructor be the academic administrator, the student may appeal the course grade to the appropriate Associate Dean.

Should a mutually acceptable solution of the matter not be reached by the academic administrator, the student may appeal the course grade to the appropriate Associate Dean, who will review the case and seek to reach a mutually satisfactory resolution of the matter. If resolution is achieved and results in a course grade change, the Associate Dean shall submit a Change of Grade form to the Office of the Registrar and shall provide a written notification of the decision to the instructor, the academic administrator, and the student. Should the Instructor of Record be the Associate Dean, the student may appeal the grade to the Associate Provost or Dean of Professional Studies..

Should a mutually acceptable resolution of the matter not be reached by the Associate Provost or Dean of Professional Studies, the student may appeal the course grade to the Provost/Chief Academic Officer, who will review the case, approve or disapprove a grade change, submit (if necessary) a Change of Grade form to the Office of the Registrar, and provide a written notification of the decision reached to the student, the academic administrator, Associate Dean, and the appropriate Associate Provost or Dean of Professional Studies. The decision of the Provost/ Chief Academic Office will be considered final and the matter will not be subject to further appeal.

## Grade Change Policy

Grades submitted by the Instructor of Record for a course to the Office of the Registrar are considered final. Students who believe a grade was assigned in error must contact the Instructor of Record for the course to request a review of their academic course work. Submission of a grade change to the Office of the Registrar can be made by the Instructor of Record no later than two (2) semesters following the term in which the
grade was originally assigned. Requests for exceptions to this policy must be submitted in writing using the Academic Policy Exception Request form to the appropriate Associate Dean. It is important to note that Instructors of Record are under no obligation to accept late or additional work from the student for the course under review.

## Grading System

A grade point is a numerical value assigned to a letter grade. Each unit with a grade of " $A$ " is assigned four grade points. Each unit with a grade of " $B$ " is assigned three grade points, et cetera. Thus, for example, a threeunit course with a grade of $B$ is assigned a total of nine grade points. $A$ grade point average (GPA) is determined by dividing the total number of grade points by the number of units attempted for which grade points are assigned.

The term "current grade point average" refers to the GPA earned in the last session of enrollment. The term "cumulative grade point average," on the other hand, refers to the average of the total of grade points accumulated divided by the total of all units earned with letter grades. The cumulative GPA is calculated and then entered on the transcript of the student's academic record at the end of each session or semester. While courses are transferred from other colleges, grade point averages are determined only on the basis of courses completed at Vanguard University.

## Undergraduate Programs Grading System

| I |  |  |
| :--- | :--- | :--- |
| Grade | Significance | Grade Points |
| A | Exceptional | 4.00 |
| A- |  | 3.67 |
| B+ | Good | 3.33 |
| B |  | 3.0 |
| B- | Satisfactory | 2.67 |
| C+ |  | 2.33 |
| C | Poor | 1.00 |
| C- | Failure | 1.33 |
| D+ | Withdrawal | 1.00 |
| D | Withdrawal Passing | Not Applicable |
| D- | Withdrawal Failure | 0.00 |
| F | Credit | Not Applicable |
| W | Incomplete | Not Applicable |
| WP | Pass (Granted for "C" or | Not Applicable |
| WF | higher) |  |
| CR | Audit | Not Applicable |
| I |  |  |
| P |  |  |
| AU |  |  |

1
In the event of a national emergency or crisis (e.g. COVID-19 Pandemic in Spring 2020), the university reserves the right to implement a P/D/F system for the term impacted. If the P/D/F system is activated, additional information regarding application process and review procedure will be communicated by the Chief Academic Officer or designee.
Graduate Programs Grading System

| Grade | Significance | Grade Points |
| :--- | :--- | :--- |
| A | Superior | 4.00 |
| A- | Exceptional | 3.67 |
| B+ | Very Good | 3.33 |
| B | Good | 3.0 |
| B- | Fair | 2.67 |
| Unsatisfactory | 2.33 |  |
| C+ | Failing | 2.00 |
| C | Failing | 1.67 |
| C- | Failing | 1.33 |
| D+ | Failing | 1.00 |
| D | Failing | .67 |
| D- | Failure | 0.00 |
| F | Withdrawal | Not Applicable |
| W | Withdrawal Passing | Not Applicable |
| WP | Withdrawal Failure | 0.00 |
| WF | Credit | Not Applicable |
| CR | Incomplete | Not Applicable |
| I | Pass (Granted for "C" or | Not Applicable |
| P | higher) |  |
| AU | Audit | Not Applicable |

## Graduation Application

Students nearing completion of all requirements for their degree must indicate their intent to graduate by submitting an online Graduation Application through https://selfservice.vanguard.edu/ the academic term in advance of their intent to complete their academic course work. A graduation fee of $\$ 25$ will be assessed upon submission of the Graduation Application and must be paid in order for a student to participate in commencement ceremonies. For the 2022-2023 Academic Year, the schedule are as follows:

- Fall 2022 term due date is July 15, 2022
- Spring 2023 term due date is October 15, 2022
- Summer 2023 term due date is March 15, 2023

The portal to apply online will open approximately two months before the due dates indicated above.

The academic department is responsible for forwarding a pre-certification form for each of their prospective graduating students to the Graduation Analyst in the Office of the Registrar confirming that the prospective graduate will meet all program requirements for graduation. The application and pre-certification will be reviewed by the Office of the

Registrar and the student will be notified of their clearance to graduate and participate in the May Commencement ceremony.

All students who have filed the Graduation Application and do not complete their requirements by the projected date of completion are required to file again in a later semester.

## Incomplete Grades

## Undergraduate Programs

The Instructor of Record for a course is under no obligation to assign an Incomplete grade or to administer a make-up exam. The Instructor of Record may assign a grade of " $I$ " (Incomplete) to students when they warrant additional time to complete coursework due to extenuating circumstances beyond their control (e.g. serious illness, accident, or death of a family member). Incomplete grades may only be awarded when the student's grade would have otherwise been an " $F$ ". Incomplete work must be made up no later than six (6) calendar weeks following the last day of the academic term or session. If the course work is not completed by the end of the six (6) calendar weeks a grade of " $F$ " will automatically be assigned. Extensions to the six-week limitation can only be granted with the approval of the Associate Dean and Dean of the College or Dean of the School for Professional Studies.

All incomplete work for full-semester courses (16 weeks) is due 6 weeks from the last day of that semester. Incomplete work for accelerated courses (5-8 weeks) is due 30 days from the last day of that module. Failure to complete and submit the required work on time will result in a grade of " $F$ ".

## Graduate Programs

It is the responsibility of the student to obtain a "Petition for Incomplete Grade" form from the program office and to contact the course professor(s) as early as possible. Petitions are approved by the professor. The professor is under no obligation to assign an incomplete grade. An incomplete will be considered for a significant, unexpected, abrupt change in life over which the student does not have control. Examples of acceptable grounds for granting an incomplete grade include personal or family illness of more than brief duration, serious personal or family crisis, or an unplanned increase in job responsibilities. Unacceptable grounds include heavy or difficult class load, heavy work schedule, or computer problems.

All incomplete work for full-semester courses (16 weeks) is due 6 weeks from the last day of that semester. Incomplete work for accelerated courses (5-8 weeks) is due 30 days from the last day of that module. Failure to complete and submit the required work on time will result in a grade of " $F$ ".

## Leave of Absence Policy and Withdrawal from the University Policy

## Undergraduate Leave of Absence Policy

A Leave of Absence (LOA) is considered an approved Leave of Absence that allows Federal Student Aid (Title IV Aid) recipients to temporarily leave attendance from Vanguard University. LOA's may only be granted for periods of up to 180 days (approximately 6 months) within a 12 month
period. To qualify, students must be in good academic standing, and apply in advance of the time period they wish to be on leave. A request for leave of absence may be made with the Office of the Registrar. Students taking a leave of absence are not regarded as having permanently withdrawn from the University and need not apply for readmission through the Admissions Office. A leave of absence is not intended for students wishing to withdraw during the current semester.

Any student granted a leave during the add/drop period (as outlined in the University Catalog) for the semester will be dropped from any classes that the student is enrolled in. If the leave is granted after $75 \%$ of the semester the student may, with faculty approval, receive an Incomplete for one or more courses. If an Incomplete is not deemed appropriate, a grade of "W" will be issued. No refund of charges will be made for courses in which an Incomplete is given. No credit is earned for any course in which a "W" is issued. Refunds, if any, will be granted based upon the University's refund policy as found in the University course catalog.

## Graduate Program Leave of Absence Policy

All graduate programs have an established time limit within which to graduate. If the time limit is not met, the student will not be able to continue any further study. A leave of absence does not extend the maximum time permitted for the completion of degree requirements, rather it is counted as part of the time. Refer to the policy of the applicable graduate program regarding the allowed time and for other information which may be program specific. Any exceptions will be up to the program and will include but not be limited to a plan of action for degree completion, a detailed time frame, and approval of the program director. Any leave of absence my be filed with the Office of the Registrar.

Any student granted a leave during the add/drop period (as outlined in the University Catalog) for the semester will be dropped from any classes that the student is enrolled in. If the leave is granted after $75 \%$ of the semester the student may, with faculty approval, receive an Incomplete for one or more courses. If an Incomplete is not deemed appropriate, a grade of "W" will be issued. No refund of charges will be made for courses in which an Incomplete is given. No credit is earned for any course in which a "W" is issued. Refunds, if any, will be granted based upon the University's refund policy as found in the University course catalog.

Military Leave is available for any student separated from the military or active reservist who, due to documented deployment or drilling, need to leave the University during the semester without completing their current coursework, or to withdraw from the University for up to two (2) consecutive terms.

In the event of a federally declared emergency, U.S. Military Veterans who are listed as honorably discharged on their DD-214 at time of separation and have been reactivated in to service by the U.S. Government to assist with evacuations, relocation of command centers, security protection detail, etc. in areas designated/declared as Emergency Disaster Areas (e.g. wildfire, earthquakes, flooding, etc.) may be eligible for academic accommodations with appropriate documentation from a federal agency.

Students on active duty or reservist military leave or honorably discharged veterans that have have their service reactivated by the U.S. Government are not regarded as having permanently withdrawn from the institution; need not apply for readmission; and may be eligible for
academic accommodations. For more information, contact the School Certifying Official (VASCO@vanguard.edu).

## Withdrawal from the University

The University desires to establish a clear process for students who choose to withdraw from the University. In order to do so, the student must complete the following steps:

1. Contact the Office of the Registrar and complete a withdrawal application and submit to the Office of the Registrar.
2. A student withdrawal application is incomplete until the Office of the Registrar approves in writing the request to withdrawal from the institution.
3. If a student does not return at the conclusion of the LOA, their enrollment status will be changed to Administrative Withdrawal, retroactive to their last date of attendance at Vanguard University.
4. Should an enrollment verification letter from Vanguard University be needed while on an LOA, request should be submitted to the Office of the Registrar: records.support@vanguard.edu.
5. The Office of the Registrar is required to report LOA and Administrative Withdrawal statuses to the National Student Loan Data Service (NSLDS). Students are subject to lenders' loan repayment policies while on these statuses.
6. Your Federal Student Aid will be cancelled while you're on an approved LOA; however, aid for subsequent semesters will not be cancelled unless the Office of the Registrar notifies the Financial Aid Office of your student withdrawal.
7. Contact the Financial Aid Office (financialaid@vanguard.edu) for more information regarding your Federal Student Aid eligibility.

## Prior Learning Assessment The School for Professional Studies

The School for Professional Studies will consider a maximum of thirty (30) units of university undergraduate credit for non-traditional schooling, work, or other experiential learning. Neither the School for Professional Studies nor any of its representatives have the authority to grant or promise university credit for "prior learning." Credit for prior learning may not duplicate credit already awarded. Students may contact the School for Professional Studies for information on the process for applying for prior learning assessment.

Vanguard University maintains an internal process for Professional Studies students who seek to pursue credit for prior learning.

## Registration and Course Enrollment COURSE REGISTRATION

Registration dates are specified in the Academic Calendar (p. 6). Details regarding registration are sent to students via their Vanguard University email prior to the registration period. Registration takes place through the student online portal (https://selfservice.vanguard.edu (https:// selfservice.vanguard.edu/)) and may be completed through that portal until the end of the add/drop period noted on the Academic Calendar. A student may register for a course or courses after the end of the add/drop period, but will need to complete a form and can register for no more than
the number of credits equal to the number of full weeks remaining in the semester (including the week of final examinations). Registration after the add/drop period required the permission of the instructor(s) involved, academic program advisor, and the relevant department chair or program director.

Students will receive credit only for those courses in which they are formally registered. No registration is complete until tuition and fees have been paid or a satisfactory arrangement has been made with the Office of Accounting Operations. Late fees may be charged to students who do not complete the registration process by the published deadlines.

Students may not receive credit for concurrent enrollment at any other institution without prior approval by the Office of the Registrar. Further, the University reserves the right to cancel any scheduled course in which the enrollment is less than ten.

## CHANGE OF CLASS SCHEDULE

Students are responsible for the course enrollment for their academic program upon academic registration. Modifications to the course schedule are initiated by the student and may be made online during the designated online registration time periods. Thereafter, schedule modifications must be made by the filing of an add/drop form in the Office of the Registrar after appropriate signatures have been received.

## 16-WEEK TERM COURSES

All classes added after the second full week of classes must be approved by the instructor and the appropriate Associate Dean.

A class dropped during the first two full weeks of the term is not entered on the transcript. However, any course(s) dropped subsequently up to the end of the eighth full week of a 16-week term will appear on the transcript with a grade of "W." Classes dropped after the eighth week will receive a grade of "WF" unless the professor, aware of extenuating circumstances beyond the control of the student, is willing to grant a "WP". The student must be earning a minimum grade of " C " in the course to warrant a "WP."

## SESSION COURSES

For those courses that are offered on an unusual calendar (e.g. session courses), withdrawals received in the Office of the Registrar during regular business hours prior to the end of the first eighth of the total number of class hour sessions offered in the course will have no entry made on the transcript. A grade of " $W$ " will be issued for withdrawals received between one eighth and one half of the total number of class hour sessions. Withdrawals received in the Office of the Registrar during regular business hours in the final half of the class will receive a grade of "WF" unless the professor, aware of extenuating circumstances beyond the control of the student, is willing to grant a "WP."

## GRADUATE PROGRAMS

Students are responsible for the classes selected at registration. Changes may be made online during designated Online Registration time periods, and thereafter only by contacting the department and/or filing of an add/drop form in the Office of the Registrar. There is no automatic dropping of courses resulting from a student's failure to attend class sessions. Students who fail to withdraw officially will automatically be given a grade of "F" (failure) by the professor.

A class dropped during the first two full weeks of a semester is not entered on the transcript; however, one dropped subsequently up to the end of the eighth full week will appear on the transcript with a grade of "W." Classes dropped after the eighth week will receive a grade of "WF" unless the professor, aware of extenuating circumstances beyond the control of the student, is willing to grant a "WP"; however the student must be earning a minimum grade of " $\mathrm{C}+$ " in the course to warrant a "WP."

All classes added after the second full week of classes must be approved by the instructor and the Director.

For those courses that are offered on an unusual calendar, withdrawals received in the Office of the Registrar during regular business hours prior to the end of the first eighth of the total number of class hour sessions offered in the course will have no entry made on the transcript; a grade of "W" will be issued for withdrawals received between one eighth and one half of the total number of class hour sessions; withdrawals received in the Office of the Registrar during regular business hours in the final half of the class will receive a grade of "WF" unless the professor, aware of extenuating circumstances beyond the control of the student, is willing to grant a "WP."

For example:

## Five to Seven Week Classes

| Classes | Academic Action |
| :--- | :--- |
| Prior to 2nd Class Meeting | Complete drop off record |
| After 2nd Class and Prior to 4th | "W" recorded (Withdrawal) |
| After 4th class meeting | "WF" recorded (Withdrawal Failing) |

Eight to Ten Week Classes

| Classes | Academic Action |
| :--- | :--- |
| Prior to 2nd Class Meeting | Complete drop |
| After 2nd Class and Prior to 5th | "W" recorded (Withdrawal) |
| After 5th class meeting | "WF" recorded (Withdrawal Failing) |

## SPECIAL COURSE ENROLLMENT OPTIONS CONFERENCE COURSES

Students with Junior or Senior class level standing, who for good reason cannot enroll in a listed catalog course when it is regularly scheduled, may request to take a conference course. To have a conference course approved, a student must

1. Receive permission from the instructor offering the course, the appropriate Department Chair, and the Associate Dean;
2. Submit signed paperwork to the Office of the Registrar for course registration; and
3. Pay a fee in addition to the regular tuition. No more than four (4) conference courses may be credited toward graduation.

## GRADUATE PROGRAMS

Students, who for good reason cannot enroll in a listed catalog course when it is regularly scheduled, can request to take a conference course. To have a conference course approved, a student must

1. receive permission from the instructor offering the course, the appropriate Program Coordinator, the appropriate Department Chair, and the Registrar's office; and
2. pay a fee in addition to the regular tuition.

## INDIVIDUAL STUDIES COURSES

Students with Junior or Senior class level standing with at least a 3.00 grade point average may pursue specifically designed courses of individualized study within their major for up to three (3) credits per term and for a total of twelve (12) credits applicable to graduation. Such courses are initiated by the student, who must secure an appropriate sponsoring faculty member to supervise and evaluate the project. A written prospectus of the nature of the proposed study, its objectives, resources, procedures, requirements, and basis for evaluation-as devised by the instructor or by the student in consultation with the instructor-must be submitted to the appropriate Department Chair and Associate Dean for approval. Student must submit the signed paperwork to the Office of the Registrar for course registration; and is responsible for the additional fee beyond regular tuition for Individual Studies courses.

## GRADUATE PROGRAMS

Students may pursue specifically designed courses of individualized study within their disciplines. Such courses are initiated by the student, who must secure an appropriate sponsoring faculty member to supervise and evaluate the student's work. All individual studies courses must have prior approval from the appropriate Program Coordinator, the appropriate Department Chair, and the Registrar's office. All individual studies courses carry an additional fee beyond the regular tuition.

## PASS/FAIL COURSES

Outstanding Seniors and Juniors may enroll for one course each term on a Pass/Fail basis. A maximum of two (2) courses taken on a Pass/Fail basis may be credited toward graduation. The request for such a grade must be made at the time of registration. These courses may not be used to meet core, major, or professional requirements with one exception: with the permission of the Associate Dean and Associate Provost, seniors maintaining a GPA of at least 3.25 may use an upper division course to meet a core curriculum requirement. A grade of " C " must be earned in order to be granted a "Pass" grade for the course. A grade of "C-" or below will result in an " $F$ " grade recorded on the transcript. A grade of " P " does not affect the grade point average, but a grade of " $F$ " does. If an " $A$ " grade is earned, it will be recorded on the transcript.

## GRADUATE PROGRAMS

Students may not elect to take courses on a "pass/fail" or "credit/no credit" basis. "Pass" or "Credit" courses will be granted for specific courses designed by each graduate department. Students must have a minimum evaluation of a "B-" to earn the units.

## RESIDENCE COURSES

Residence, or seated, courses are those taken during regularly scheduled sessions on the Vanguard University campus as distinct from extension, online, or other special courses.

## AUDITING COURSES

Students may attend class with no obligation to participate actively in the work. For such students, no examinations are given, no assignments
are requested or marked; however, no credit may be obtained for such attendance. Students who are full-time traditional undergraduates pay no additional fee. Students must attend at least fifty-percent (50\%) of the class sessions in order to have the audited course recorded on the transcript.

## Release of Student Records

A student may not receive any diploma or certificate until all financial obligations have been satisfied in accordance with policies described under Financial Payment Information and Policies page. Any diplomas or certificate shall be retained by the University until all such obligations are satisfied. Release of any such student records prior to or subsequent to any default by the debtor shall not be considered a binding precedent or modification of this policy. Pursuant to California Assembly Bill 1313, as of January 1, 2020, Vanguard University no longer withholds educational transcripts.

## Student Academic Honor Societies

Student academic honor societies exist to recognize superior academic performance, provide academic enrichment to the Vanguard community, and to provide opportunity for students to gain greater exposure to academic disciplines. Undergraduate students may be accepted into the University's chapter of the academic honor societies listed below. For more information on the society, please contact the sponsoring academic department.

| Honor Society | Subject |
| :--- | :--- |
| Alpha Kappa Delta | Sociology |
| Lambda Alpha | Anthropology |
| Lambda Pi Eta | Communication |
| Phi Alpha Theta | History |
| Phi Epsilon Kappa | Kinesiology |
| Pi Lambda Theta (Division of Phi <br> Delta Kappa) | Education |
| Pi Sigma Alpha | Political Science |
| Psi Chi | Psychology |
| Sigma Beta Delta | Business |
| Sigma Tau Delta | English |
| Sigma Theta Tau | Nursing |

NOTE: Each academic honor society is governed by national bylaws and has standard requirements for acceptance. Acceptance in to the university's chapter of an academic honor society does not automatically grant the student institutional academic honors for graduation. Refer to the graduation section of the catalog for more information on institutional academic honors.

## Student Academic Load UNDERGRADUATE STUDENTS

A normal academic load is from twelve to eighteen (12-18) units per term. Students taking less than twelve (12) units are considered parttime. Students who are employed for more than three hours of work daily may find that twelve units is a sufficient load. Students contemplating participation in Commencement with provisional honors should consider
carefully their academic course load and refer to the Academic Honors (p. 36) section of the catalog.

Students who wish to register for more than eighteen (18) units must have a cumulative 3.00 average and must secure advance written approval from the Department Chair of their major. Ideally, a student should budget two hours of preparation for each class hour.

The following persons must maintain twelve or more credits per term: international students possessing a student visa (F-1 status), Social Security dependents, Education and Training benefits (veterans or dependents of veterans), students who participate in intercollegiate athletics, and students whose extra-curricular programs dictate.

The minimum number of units an undergraduate or credential student must take in order to be financial aid eligible is 6 units.

## GRADUATE STUDENTS

The normal full-time academic load for graduate students varies by degree program and is generally between 6-9 units per term. The minimum number of units a graduate student must take in order to be financial aid eligible is 5 units.

Graduate students receiving Education and Training benefits (veterans or dependents of veterans) must maintain a load of 6 units per term.

## Students Rights and Grievance Policies and Procedures

## FAMILY EDUCATION RIGHTS AND

 PRIVACY ACT OF 1974 (FERPA)The Family Educational Rights and Privacy Act of 1974 (FERPA) affords students certain rights with respect to their education records. These rights are:

1. The right to inspect and review the student's education records within 45 days of the day the University receives a request for access.
a. Students should submit to the registrar, dean, head of the academic department, Vice President, or other appropriate Official, written requests that identify the record(s) they wish to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.
a. Students may ask the University to amend a record that they believe is inaccurate or misleading. The student should write the University official responsible for the records, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading.
b. If the University decides not to amend the record as requested by the student, the University will notify the student in writing of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information
regarding the hearing procedures will be provided to the student in writing when notified of the right to a hearing.
3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.
a. Disclosure without consent to University officials with legitimate educational interests is permitted. A University official is defined as a person employed by the University in an administrative, supervisory, academic or research, or support staff position such as Campus Safety, Counseling Center, or Health Center personnel; a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.
b. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.
c. Other exceptions that permit disclosure without consent are:
i. To authorized representatives of the Comptroller General of the United States; the Attorney General of the United States (for law enforcement purposes); the Secretary of the Department of Education of the United States; and state and local educational authorities.
ii. To parents of dependent students, as defined in section 152 of the Internal Revenue Code of 1986.
iii. To a parent or a legal guardian in connection with a health or safety emergency.
iv. To a parent or a legal guardian of a student regarding the student's violation of any Federal, State, or local law, or of any rule or policy of the institution, governing the use or possession of alcohol or a controlled substance if the student is under the age of 21 and the institution determines that the student has committed a disciplinary violation with respect to that use or possession.
v. If a parent or eligible student initiates legal action against the University, the University may disclose to the court, without a court order or subpoena, the student's education records that are necessary for the University to defend itself.
vi. The disclosure is in connection with a disciplinary proceeding conducted by the University against a student who is an alleged perpetrator of a crime of violence.
4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Vanguard University to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

> Family Policy Compliance Office
> U.S. Department of Education
> 400 Maryland Avenue, SW
> Washington, DC 20202-5920

The University may release public directory information concerning students. Such information includes, but is not limited to, the student's name, address, email address, student identification number, telephone listing, date and place of birth, major field of study, dates of attendance,
class level, enrollment status (e.g., undergraduate or graduate; full-time or part-time; enrolled or withdrawn), participation in officially recognized activities and sports, weight and height of members of athletic teams, photograph, degrees, honors and awards received, and the most recent educational agency or institution attended. The above designated information is subject to release by the campus at any time unless the campus has received a prior written objection from the student specifying information which the student request not be released.

As of January 3, 2012, the U.S. Department of Education's FERPA regulations expanded the circumstances under which education records and personally identifiable information (PII) contained in such records, including Social Security Number, grades, or other private information, may be accessed without the student's consent. First, Federal and State Authorities may allow access to student's records and PII without consent to any third party designated by a Federal or State Authority to evaluate a federal or state supported education program. The evaluation may relate to any program that is "principally engaged in the provision of education," such as early childhood education and job training, as well as any program that is administered by an education agency or institution. Second, Federal and State Authorities may allow access to education records and PII without consent to researchers performing certain types of studies, in certain cases even when we object to or do not request such research. Federal and State Authorities must obtain certain use-restriction and data security promises from the entities that they authorize to receive PII, but the Authorities need not maintain direct control over such entities. In addition, in connection with Statewide Longitudinal Data Systems, State Authorities may collect, compile, permanently retain and share without consent PII from education records, and they may track participation in education and other programs by linking such PII to other personal information about students that they obtain from other Federal or State data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

## GRIEVANCE RIGHTS AND PROCEDURES FOR TITLE IX OF THE EDUCATION AMENDMENTS OF 1972

Vanguard University subscribes to the principle of equal educational opportunity, regardless of gender (cf. Title IX of the EDUCATION AMENDMENTS OF 1972). Any member of the University community who has a grievance related to this principle should petition in writing or online to the Title IX Coordinator, who will work with the petitioner for a resolution of the problem. A trained appellate board shall serve as ultimate board of appeal for such questions. Additional information is available on the university's website regarding Title IX Policies and Procedures.

## STUDENT ACADEMIC GRIEVANCE PROCEDURES

Students currently enrolled at Vanguard University who feel they have been unfairly dealt with in any area of the University can follow administrative procedures to address concerns and/ or complaints.

For concerns and/or complaints that pertain to academic related matters, the following procedure applies:

1. Contact the appropriate academic department chair or program director in the academic area for which the concern and/or complaint exists.
2. If the grievance is unresolved, it will escalate to the respective Division Associate Dean in which the academic department chair or program director reports.
3. If preliminary procedures fail to resolve the concern and/or complaint the student may submit an appeal in writing stating the nature of the grievance, the evidence upon which it is based, and the redress sought. The grievance can be filed on a Vanguard University Complaint Form and submitted to the Associate Provost or Dean for Professional and Non-Traditional Education.
4. The final decision for appeals made in all student academic matters resides with the Provost/Vice President Academic Affairs, who serves as the Chief Academic Officer of the University.

For concerns and/or complaints that pertain to non-academic related matters, which includes residential housing and student conduct, the following procedure applies:

1. Contact the appropriate Director in the department which the concern and/or complaint exists.
2. If preliminary procedures fail to resolve the concern and/or complaint the student may submit an appeal in writing stating the nature of the grievance, the evidence upon which it is based, and the redress sought. The grievance can be filed on a Vanguard University Complaint Form.
3. The appropriate area Vice President listed below will review and act to bring formal resolution to the stated grievance. Vice Presidential area oversight is as follows:
a. Vice President for Student Affairs and Campus Operations - oversees areas of Athletics, Student Affairs, Residence Life, Campus Safety, Counseling Center, Health Center, Food services, and Maintenance and Facilities services.
b. Vice President for Finance-oversees areas of risk and fiscal management, including the Office of Accounting Operations
c. Vice President for Enrollment Management - oversees areas of university admission and financial aid
4. If satisfactory action is not achieved, the final appeal may be directed to the University President.

It is expected that currently enrolled students will fully utilize any/all of the University's administrative procedures to address concerns and/or complaints in as timely a manner as possible. On occasion, however, a student may believe that these administrative procedures have not adequately addressed concerns. In those select cases, the following independent procedures are provided.

## ACADEMIC APPEAL PROCEDURE

A student seeking a variance from any stated academic policy should consult with the department of the course/policy in question. Academic Policy Exception Request forms are available online in the student portal (https://www.vanguard.edu/login/) (login required) or in the Office of the Registrar. The final appeal in all student academic matters is to the Provost, who serves as the Chief Academic Officer for the university.

## Distance Learning Student Complaint Process

Vanguard University of Southern California is authorized to offer a number of its online educational programs to students residing in the following states:

Alaska, Arizona, Arkansas ${ }^{1}$, California, Colorado, Florida, Hawaii, Idaho, Illinois, Kentucky, Louisiana ${ }^{1}$, Main, Massachusetts, Michigan, Mississippi, Missouri, Montana, New Hampshire, New Jersey, North Dakota, Ohio, Oklahoma, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Virginia, Washington, and West Virginia.

This list continues to evolve as legislation changes. Please contact the School for Professional Studies (spsoffice@vanguard.edu) for the most current information. In addition, we encourage applicants who reside outside our authorized states to consider becoming residential students. Click here (p. 19) for more information.

1
Only certain academic programs are authorized by the state.

## Internal Complaint Procedures

As a university community, we are committed to the fair and equitable treatment of all our students, regardless of educational modality. Online students currently enrolled at Vanguard University who feel they have been unfairly treated in any way by the university or by university personnel should follow the administrative procedures outlined below.

## Title IX Policies and Procedures

For Title IX and discrimination complaints, go here: Title IX Policies and Procedures (https://www.vanguard.edu/resources/title-ix/).

## Grade Appeals

See Grade Appeal Process and Procedure under Academic Policies section of the catalog for more information.

## Procedure for filing a Distance Learning (Online) Grievance

For other academic concerns and/or complaints, please complete the steps below. Students are encouraged to adhere to these procedures in the order presented and to escalate to the next level only when they have not received a satisfactory response

## Preliminary Internal Procedure

1. Students should first contact the appropriate program chair/director which the concern and/or complaint exists.
2. If the concern and/or complaint is unresolved, then students may escalate their concerns to the respective dean to whom the program chair/director reports.

## Formal Internal Procedure

1. If preliminary procedures fail to resolve the complaint, the student may submit an appeal in writing stating the nature of the grievance, the evidence upon which it is based, and the redress sought. This formal complaint must be lodged using the Vanguard University Complaint Form. (https://www.vanguard.edu/fs/pages/1465/) (NOTE:
must be a current university student to use the online feature as university login credentials are required.)

The final decision for appeals made in all student academic matters resides with the Provost/Sr. Vice President for Academic Affairs, who serves as the Chief Academic Officer of the university.

## External Complaint Procedures

Students enrolled in distance learning (online only) courses may also file complaints with the California Bureau for Private Postsecondary Education:

Bureau for Private Postsecondary Education
P.O. Box 980818

West Sacramento, CA 95798-0818
http://www.bppe.ca.gov/
Additionally, distance learning students may submit specific concerns about academic quality or policies to WASC Senior College and University Commission (http://www.wascsenior.org/comments (http:// www.wascsenior.org/comments/)) if they have issue with compliance with the WSCUC Standards of Accreditation (https://www.wscuc.org/ content/standards-glance-2013/) and/or commission policies. Moreover, they may also seek redress through their home state's higher education agency.

## Compliance Statement

Vanguard University provides this information in compliance with federal law as set forth in the Higher Education Act of 1965 and specifically in CFR 34, sections 600.9 (b) (3) and 668.43(b). The process outlined herein does not limit the right of students to seek available criminal or civil remedies to address their specific situations. Click here for more information on the University's Student Grievance Process (p. 52); or for more information on the university's disclosure and compliance statements, please visit our website (https://www.vanguard.edu/about/ compliance-and-disclosures/).

## Undergraduate Class Standing

Undergraduate class standing, which classifies students for both academic and social activities, is determined on the basis of the accumulated number of college-level units completed (transferred and institutional) in keeping with the following chart:

| Standing | Credits |
| :--- | :--- |
| Freshman | $0-29$ |
| Sophomore | $30-59$ |
| Junior | $60-89$ |
| Senior | $90+$ |

# STUDENT SUCCESS RESOURCES 

- Academic Support Services (p. 55)
- General Expectations of the Vanguard Community (p. 56)
- Intercollegiate Athletics (p. 56)
- Undergraduate Student Life in the College (p. 57)
- University Student Services (p. 59)


## Academic Support Services OFFICE OF THE REGISTRAR

Department Website: https://www.vanguard.edu/academics/registrar (https://www.vanguard.edu/academics/registrar/)

Mission: The Office of the Registrar provides quality service to the Vanguard community and supports the university mission through implementing academic policy, providing precise reporting, and maintaining accurate academic and institutional records.

The Office of the Registrar assists students by managing the course registration process, assisting with student withdraws and leaves of absence, transcript and degree verification services for both current students and alumni, evaluating and processing transfer credit, and evaluating students for graduation in their respective programs.

## ACADEMIC RESOURCE CENTER

Department Website: https://www.vanguard.edu/resources/academic-resource-center (https://www.vanguard.edu/resources/academic-resource-center/)

Mission: The Academic Resource Center (ARC) recognizes the unique characteristics of each student and seeks to provide an atmosphere of inclusion and understanding that support your academic growth and personal development. We help empower students to meet three goals: remain enrolled and progress in a program of study, flourish academically, and persist to graduation. We do this by collaborating with and supporting academic departments and university offices to provide programs that fulfill our university commitment to student success and retention.

The Academic Resource Center houses the following departments/ programs aimed at increasing student success and retention at Vanguard University.

## ACADEMIC SUCCESS COACHING

The Academic Success Coaching program (https:// www.vanguard.edu/resources/academic-resource-center/\#fs-panel-31182) offers a holistic view of student success and academic intervention. The Academic Success Coach is a model for effective organization, time-management, study skills, and executive functioning. ASC's are also responsible for imparting a feeling of ownership and a sense of agency over one's academic journey, so that the client is better equipped to navigate their university experience. The Academic Success Coaching program is positioned
in a way that can brings all of the components of the Academic Resource Center together in a comprehensive way.

## CAREER CLOSET

Samson's Career Pop-Up Closet (https://www.vanguard.edu/ resources/academic-resource-center/\#fs-panel-40704) provides you with professional attire and resources such as headshots for your interviews, career fairs, and/or networking events. In collaboration with Career Services, they have joined forces to ensure students make a great and competitive first impression. If you are you in need of professional clothing, schedule your Career Closet appointment and get free business attire by logging into Vanguard Handshake and completing a Career Services appointment request for the Career Closet.

## DISABILITY SERVICES

The Office of Disability Services (https://www.vanguard.edu/ resources/disabilityservices/) seeks to cultivate an inclusive and accessible university campus through the removal of environmental barriers. Students with a temporary or permanent disability (which may include but are not limited to attention-related, learning, mental health, vision, hearing, physical, or other health impairments) who are in need of accommodations are encouraged to contact the Office of Disability Services.

## LIVING WELL COMMUNITY RESOURCE CENTER

The Living Well Community Resource Center (https:// www.vanguard.edu/resources/academic-resource-center/\#fs-panel-34313) intends to provide students with adequate support and supplies in all areas that may hinder their academic success and or well-being. We aim to ensure each student is equipped with the proper resources in order to succeed academically, by eliminating all forms of insecurities and instilling hope to those in need. Our goal is to lend a helping hand to VU community members who need food and hygiene products, clothing, books, and laptops. We want to ensure a worry-free school year by coming together as a community to eliminate food and housing insecurity by accommodating each other's needs.

## SUPPLEMENTAL INSTRUCTION

Supplemental instruction (https://www.vanguard.edu/resources/ academic-resource-center/\#fs-panel-31184) is a time set aside for students to get together outside of class and discuss the ideas and concepts that faculty present in class. It is facilitated by a student who has previously taken the class and achieved success. During the SI session, the SI leader encourages interaction among students about the topics and concepts that faculty have discussed during class. Using a variety of innovative group study techniques, the SI Leader facilitates conversations about the course subject matter. Attendance is voluntary and anonymous (faculty are not notified about who attends so as not to affect grading).

## TUTORIAL CENTER

Tutorial Center (https://www.vanguard.edu/resources/academic-resource-center/\#fs-panel-2926) services are provided by Vanguard students who have mastered their material and have shown exemplary ability to facilitate learning for their peers. Center operation embraces the positive aspects of tutorial assistance.

Rather than students feeling the stigma of needing academic assistance, they are encouraged to use the tutorial services in order to foster success in a class from the onset. Two hours of tutoring per week is provided at no cost to the student.

## WRITING CENTER

The Vanguard Writing Center (https://www.vanguard.edu/ resources/academic-resource-center/\#fs-panel-2928) is committed to helping undergraduate and graduate student writers across the curriculum. Students from any major may bring writing projects (from shorter expository essays to longer research papers) to a Writing Center appointment and receive informed, thorough feedback from a peer consultant, with special attention given to the author's concerns and the parameters of the specific assignment. The Writing Center is committed to assisting students from all disciplines in a collaborative, Christ-centered environment, and we value students' learning differences and diverse voices. We can help students at any stage of the writing process, including: organizing notes, developing outlines, revising thesis statements, improving organization, or assisting with final editing.

## THE O. COPE BUDGE LIBRARY

Department Website: https://www.vanguard.edu/academics/library (https://www.vanguard.edu/academics/library/)

Mission: The O. Cope Budge Library acquires, manages, and promotes the use of information resources in a user-centered environment. The library links students, faculty, and staff to an increasingly global body of knowledge. The library faculty teach critical thinking skills in the research process and promote the ethical use and evaluation of information resources. The library faculty and staff promote personal enrichment, foster multicultural appreciation, and encourage lifelong learning. Through its personnel, resources, and services, the library supports the student learning outcomes, goals, and curriculum of Vanguard University.

Although the school opened in 1920, the Vanguard University library did not have a professional librarian until Keith Lee was hired in 1960. Prior to Lee's appointment, Willyla Bushnell served as the librarian. Three years later in 1963, the library moved from a military barracks to its current location. During Dr. O Cope Budge's tenure from 1959-1976, the school experienced growth with the addition of four new buildings-science, gymnasium, men's residence tower and the library. This expansion program was part of the "Decade of Progress". The library was eventually named 0 . Cope Budge Library in honor of everything Dr. Budge had done for Vanguard. In 1985 the library was expanded and doubled in size. In 2012, the library experienced a partial remodel adding three additional study rooms and a periodical room.

The library subscribes to approximately 100 databases, which provide full-text access to peer reviewed and scholarly journals, electronic books, newspapers, dissertations, other periodical resources, as well as audio and video content. The library web page above serves as the portal for these resources, which are accessible to all students, faculty and staff from on and off campus.

## General Expectations of the Vanguard Community

## VOLUNTARY COMMITMENT

These expectations apply to each student while he or she is enrolled in a University program (traditional undergraduate programs) or residing in University approved housing, and includes students studying abroad. Each student is expected to exercise restraint in these matters even when he or she is not under direct University jurisdiction. These rules apply to on and off campus behavior and for the whole academic year, from the beginning of the fall semester or as soon as a student moves into on-campus housing or participates in university activities, until the completion of the spring semester including all vacation periods (Thanksgiving, Christmas, Spring break, etc.). The same expectations apply for all summer programs, such as summer courses, outreach trips, summer housing, etc.

## COMPLIANCE WITH THE LAW

As Christians and members of society, all students are expected to comply with local, state, and federal laws when enrolled in a VU academic program, living in University housing, or engaged in any University sponsored activity. Students should expect the University to cooperate with law enforcement agencies and to initiate disciplinary proceedings when violations of such laws occur, if the infraction also violated VU behavioral and community standards. Students arrested or charged with a crime while enrolled or residing at VU must report this information to the Vice President for Student Affairs within 72 hours.

## VIOLATION OF THE LAW AND UNIVERSITY DISCIPLINE

The University reserves the right to review actions taken by civil authorities regarding any student or student organization. University disciplinary proceedings may be instituted against a student charged with violation of law and may, at the sole discretion of the University, be carried out prior to, concurrently, or following civil or criminal proceedings. Violations occurring during non-enrolled periods may be considered by the University in determining whether a student will be eligible to continue his/her enrollment in the University, and if so, under what conditions.

## UNDERGRADUATE STUDENT HANDBOOK

A copy of the Undergraduate Student Handbook of campus and resident guidelines is available online through the student portal (login credentials required). Students are expected to be familiar with its contents and to conduct themselves in accordance with its provisions. The university reserves the right to make changes and periodic updates to the handbook at any time.

## Intercollegiate Athletics

Jeff Bussell, Athletic Director

Mission: The Intercollegiate Athletic Program is dedicated to the holistic growth and development of all student athletes, teaching them to lead Christcentered lives on and off the field of competition. The program encourages a
high standard of academic and athletic excellence that embraces character building. Along with the specific-sports instruction, the department seeks significance by providing the student athlete with the knowledge to impact his/her world through a lifetime of service to Christ.

Vanguard University participates in intercollegiate athletic programs that include competition in eighteen sports. Women's sports include basketball, beach volleyball, cross country, golf, soccer, softball, stunt, track and field and volleyball. Men's sports include: baseball, basketball, cross country, dance, golf, soccer, track and field, volleyball and wrestling. The Athletic Department is affiliated with the Golden State Athletic Conference (GSAC) and the National Association of Intercollegiate Athletics (NAIA) for most of the sports, as well as Cascade Collegiate Conference (CCC) for wrestling and USA Cheer for stunt.

The Vanguard University Athletic Department adheres to the Champions of Character standards endorsed by the NAIA. The program is founded on the five core values of respect, responsibility, integrity, servant leadership and sportsmanship. One goal of the program is to provide application models for coaches, student athletes, fans, parents, and game officials: application models that can be taught in practice and modeled in competition. These models enable coaches and athletic personnel to intentionally teach and build teams of character.

Vanguard University has coaches that are certified Champions of Character instructors plus student athletes trained, engaged, and equipped to provide character base presentations for any school, team, youth organization, or business organization in the community. All incoming student-athletes participate in a Champions of Character course which develops them not only in the ways of being a good representation of the core values of the NAIA, but also on reflecting the mission of the University and the Department of Athletics.

## Undergraduate Student Life in the College

STUDENT LEARNING AND DEVELOPMENT
Department Website: https://www.vanguard.edu/student-life/campus-life (https://www.vanguard.edu/student-life/campus-life/)

The Department of Student Affairs exists to shape campus culture, promote community, and foster student success. Programs and services are designed to create a seamless learning environment to assist students in all areas of personal growth, including their adjustment to university life.

The Four-Year Discipleship Plan (FYDP) is the foundation for Vanguard University's co-curricular educational programs and services. The FYDP was designed to create a dynamic partnership with Vanguard's academic programs. Inside and outside of the classroom, the University seeks to foster an atmosphere and promote learning opportunities that shape students into dynamic and well-rounded followers of Jesus. To that end, Student Affairs and other co-curricular departments promote holistic development of students in a manner that furthers Vanguard's mission of cultivating Spirit-empowered, Christ-centered leaders.

The FYDP is comprised of seven educational domains, which guide the programming of Student Affairs, along with the Office of Global Education \& Outreach and Career Services. Every co-curricular department works
together to create services and events that provide education within each domain over the course of four years.

## STUDENT HOUSING

Department Website: https://www.vanguard.edu/student-life/residencelife (https://www.vanguard.edu/student-life/residence-life/)

The University provides housing for traditional undergraduate students. Because Vanguard University is primarily a residential University, all single freshman and sophomore students less than 21 years of age are required to live in university-owned housing unless they are residing with a parent or legal guardian. Additionally, on and off campus students are not permitted to live with members of the opposite sex other than their spouse and/or sibling (as long as sibling does not have another roommate of same gender). All Residence Halls come furnished with an extra-long twin bed, mattress, desk, chair, and a shared dresser. Students will need to provide their own linens, towels, blankets, pillow, and bedspread. Residence rooms are designed for double, triple, or quadruple occupancy. The Residence Life program is supervised by the Associate Dean of Residence Life, and each residence facility is under the supervision of a professional Resident Director and student Resident Assistants.

The University reserves the right to hold periodic room inspections of the residence areas without advance notice. All campus housing is closed during Christmas break as the right of occupancy does not include Christmas Break. Additional information regarding Residence Life is located in the Student Handbook.

## ELIGIBILITY TO PARTICIPATE

Broad participation is encouraged in the many student activities Vanguard University provides. Eligibility to participate in all co-curricular activities is determined in part by the student's educational record.

## SPIRITUAL FORMATION: CHAPEL

Department Website: https://www.vanguard.edu/student-life/spiritualformation (https://www.vanguard.edu/student-life/spiritual-formation/)

Based on the core values of Vanguard University: Truth - Virtue - Service, the VU Spiritual Formation Department seeks the development of students in the following areas:

- TRUTH: To help students grow in their Knowledge of Scripture and be able to apply eternal life principles in their daily lives (John 8:31).
- VIRTUE: To help students develop in Spiritual Maturity by engaging in various spiritual practices and disciplines that point them toward a life of wholeness in Christ (Ephesians 4; Galatians 5).
- SERVICE: To encourage students to engage in Spirit Empowered Leadership so they may demonstrate their faith in Jesus through works of service and servant leadership (Acts 1:4-8; Romans 12; Ephesians 2:8-10).

VU Chapel is a gathering place where students and other VU community members are able to come together to glorify Jesus through worship music, while also receiving spiritual blessing and instruction through the teaching and preaching of the Bible. Jesus said in Matthew 26:41
(NLT), "Keep watch and pray, so that you will not give in to temptation. For the spirit is willing, but the body is weak!" A willing spirit and heart are key distinctives for spiritual development and integration in the Vanguard community. In partnership with the local church, the VU Spiritual Formation Department seeks to help guide students in their discipleship and formation as followers of Jesus, but does not exist to replace local church communities. VU Chapel is not intended to be "The Church," but The Church/the people of God gather together to worship Jesus and learn from His word in VU chapel settings. Students are encouraged to invest and serve in a local church community of their choosing. In addition to over 100 online partial and Alternative chapel credits that are offered by SFD and numerous other VU departments through the course of the semester, core Spiritual Formation VU Chapels include, but are not limited to the following opportunities:

- Monday Night Excavate-deep dive into Scripture
- Morning VU Chapel worship gatherings Tuesday through Thursday
- Commuter Chapel and Online Chapel Experiences via the SFD YouTube Channel
- La Capilla-Spanish Worship Experience
- Small Group \& Bible studies, Pastoral Care meetings, Servant Leadership and special ministry events in partnership with VU departments or outside Christian outreach organizations.
- Special Chapel ministry events providing students with SpiritEmpowered leadership opportunities.

Chapel participation is first an opportunity for spiritual maturation and secondly a purpose driven requirement for all undergraduate students, as mandated by the University Board of Trustees with the intent of facilitating spiritual vitality and growth. Chapel attendance is recorded, and each student should monitor their attendance to ensure that they meet their requirement. The purpose of this type of chapel accountability is to continually emphasize the importance of spiritual development during each student's time at Vanguard. To neglect the spiritual part of our development is to neglect a core part of our human experience. For that reason, Vanguard maintains chapel involvement as a requirement for the student experience-and we take seriously this aspect of each student's experience and education. If a student does not meet their chapel attendance expectations, there will be disciplinary actions in the form of additional fines, as instituted by the University and possibly further academic and/or co-curricular restrictions. It is our hope that students will thoroughly review their options as communicated from the Spiritual Formation office via email correspondence. The opportunity to glorify Jesus and learn from His Word together in VU Chapel is an amazing communal experience to be celebrated at Vanguard University!

## STUDENT GOVERNMENT AND STUDENT ORGANIZED PROGRAMMING

Vanguard University endorses and practices self-government by students. The Student Government Association (SGA) works within the larger context of the University community, its values, and objectives. Specifically, student government is a means to promote spiritual and academic vitality and growth. The SGA serves as a liaison between students and administration, staff and faculty, providing a means for discussion and solution of student issues. All members of the student body are supported by SGA and can vote in elections for the SGA

President and Vice President. Students can join various councils that align with their respective demographic group, residence hall or academic major. SGA is a part of the Office of Student Engagement (OSE), is advised by the Associate Dean of Students and has a doted line to the Vice President of Student Affairs and Campus Operations.

The Program Board is an organization designed to promote various student activities and campus traditions. The Program Board plans and promotes student activities, provides leadership training opportunities, and encourages a healthy, active student culture and community. The Program Board is a part of the OSE and is supervised by the Assistant Director and Student Programming.

## STUDENT PUBLICATIONS

Department Website: https://www.vanguard.edu/academics/academicprograms/undergrad/english (https://www.vanguard.edu/academics/ academic-programs/undergrad/english/)

The Vanguard Voice is a student publication overseen by the Department of English. It is primarily focused on campus news and information of interest to the university community. Students enrolled in the Introduction to Journalism, the Minor in Journalism and Digital Media, or who are simply interested in journalism, are eligible to join newspaper staff. This is an excellent opportunity to develop and hone their writing skills.

Synecdoche is Vanguard University's literary journal. This annual publication is entirely student-run as the graduating seniors of the English department serve as its Editorial Board. The journal itself is exclusively comprised of student content in the categories of Scholarly Works, Creative Works (short stories, poetry, stage plays, and creative nonfiction) Scholarly Works;, and Photography and Artwork.

## CAMPUS RECREATION AND INTRAMURAL SPORTS

Department Website: IMLeagues.com/vanguard (https://www.imleagues.com/spa/intramural/ da9683f886da45cd9a2ac1ec59c4024b/home/)

Recreational and intramural sport opportunities are offered through Vanguard University Recreation (VU Rec), which is a division of the Office of Student Engagement (OSE). VU Rec provides the Vanguard community opportunities to live a healthy, active lifestyle and promotes personal development through physical activity, sport leagues and tournaments, and outdoor experiences. VU Rec offers a variety of opportunities for participants to find an activity they enjoy, including softball, soccer, volleyball, flag football, basketball, dodge ball, ultimate Frisbee, spike ball, badminton, and many more. VU Rec also oversees the student fitness center, open recreation time in the gymnasium, open turf time on the soccer field, as well as hikes and guided outdoor trips. For more information regarding intramural sports and recreation, please email vurec@vanguard.edu. (vurec@vanguard.edu)

## MUSICAL ORGANIZATION AND EVENTS

Department Website: https://www.vanguard.edu/academics/academicprograms/undergrad/music

The NASM-accredited Music Department at Vanguard University sponsors many musical organizations on campus including the

VANGUARD UNIVERSITY

University Concert Choir, University Women's Chorus, Vanguard Singers and Band, University Orchestra, Jazz Ensemble, Concert Band, Chamber Music, and Barbershop and Beautyshop Quartets. Most of these performing ensembles represent the university at churches, schools, conferences, and conventions; travel on out-of-state and international tours; and make professional recordings. Recent tours and opportunities have included Germany, Czech Republic, Argentina, Philippines, and Carnegie Hall and Lincoln Center in New York City. Membership in these musical ministry organizations is open to all undergraduate and graduate students by audition and interview.

The Department also presents two major concerts each year-at Christmas and in the spring semester. Various musical groups on campus participate in these two presentations. Concerts, recitals, and special events are offered regularly on campus by faculty, students, and guest artists.

## THEATRE ARTS

Department Website: https://www.vanguard.edu/academics/academic-programs/undergrad/theatre-artshttps://www.vanguard.edu/academics/ academic-programs/undergrad/theatre-arts (https://www.vanguard.edu/ academics/academic-programs/undergrad/theatre-arts/)

Vanguard University's Department of Theatre is accredited with the National Association of Schools of Theatre (NAST). The Department produces five main stage shows plus a Senior Showcase by our graduating seniors each year, as well as a non-mainstage piece in the fall and a student directed one-act in the spring semester. Popular Demand, the sketch comedy-improv team, performs twice a month. The Department provides dance performance opportunities with the Vanguard Theatre Arts Dance Team. The American Coast Theater Company (ACTC) operates in the summer on-campus as VU's resident professional theatre company, offering professional internships to our students. Students also assist in operating the American Coast Children's Theatre. The Department has developed corporate relationships and opportunities for community outreach that can result in professional, paid performances. Majors can also participate in the Department's weekly Theatre Chapel where they can lead worship and get involved in Bible study and group discussions. The Theatre Arts degree offers concentrations in Musical Theatre, Stage \& Screen Acting/Directing, or Technical/Design. Students can pursue a Liberal Arts degree with an emphasis in Theatre Arts. A Theatre minor is also available.

## University Student Services

CAMPUS PUBLIC SAFETY DEPARTMENT
Department Website: https://www.vanguard.edu/resources/campus-public-safety (https://www.vanguard.edu/resources/campus-publicsafety/)

Mission: Our mission is to provide a safe and secure environment for our students, visitors, faculty and staff. Our goal is to reduce or eliminate crime and safety hazards on campus. We do this by partnering with you in upholding all university campus rules, regulations and all applicable laws and ordinances. This partnership allows for a safe and secure atmosphere where students and employees are able to pursue their life's goals.

The Campus Public Safety Department offers the following services: vehicle registration, parking permits, safety escorts, safety equipment
monitoring, bicycle registration, lost and found, crime reporting, injury and illness reporting, parking and traffic enforcement, safety and security patrols, main switchboard operator, environmental health and safety services, management of the emergency management program, and various other services. We can be reached at (714) 966-6799 or CampusSafety@vanguard.edu (campussafety@vanguard.edu).

## INFORMATION TECHNOLOGY

Department Website: http://www.vanguard.edu/it/
Mission: The Information Technology (IT) department is a service-oriented office dedicated to providing technical resources and assistance to the VU community. The IT department impacts the future growth and progress of the institution by maintaining and upgrading current technological resources as well as introducing new technology and training to advance learning, instruction, and productivity.

The IT Department maintains a sophisticated campus network infrastructure with a gigabit fiber optic backbone and wireless capability throughout the resident and non-resident areas of the campus. All dorm rooms are equipped with one data port (additional ethernet switch for additional ports are available for check out in the IT department - personal routers and wireless routers are not permitted). In order for students to access the VU network from their dorm room, they must provide their own personal computer, including a professionally installed wireless card or an Ethernet card and a CAT5 Ethernet cable. Detailed packets with instructions outlining how to configure personal systems to connect to the VU network are provided.

The campus phone system is also maintained by the IT Department. With the growing use of cell phones, most students do not want a room phone. For this reason, phones are not provided to each dorm room, however, campus security phones are provided on each floor.

Every student will receive a login to the campus network. A Vanguard University e-mail address will also be issued to each student. By enrolling at Vanguard, students agree to be bound by the IT "Acceptable Use Policy" and "Student Guidelines for Computer Usage" as outlined in the Student Handbook. Failure to comply with these standards may result in the loss of campus network computing privileges. Serious cases of misuse will be investigated by the IT Department and turned over to the Dean of Students for further action.

## VANGUARD UNIVERSITY STUDENT ID CARD

A Vanguard University Student ID Card is required for use of university services such as the Waugh Student Center, Library, residential housing, and computer labs. ID cards are provided to the student at their New Student Orientation event for fall semesters, or following their Academic Registration events for spring and summer semesters. They are to be used for the entire duration of attending the university and should be kept in a safe, easily accessible place such as a wallet or lanyard. If an ID card is lost, a new card may be purchased for $\$ 25$. The charge can be reconciled with the Accounting Office on the student's MyBill account, which takes approximately 2-4 weeks. If a card is excessively used throughout the collegiate career and becomes worn, a student may trade in their old card in addition to a \$10.00 fee for a replacement card. ID cards may not be hole punched or altered in any way. Please see the Information Technology Department for any questions and for distribution of all ID cards.

## COUNSELING CENTER

Department Website: https://www.vanguard.edu/resources/counselingcenter (https://www.vanguard.edu/resources/counseling-center/)

Mission: The Vanguard University Counseling Center (VUCC) exists to empower individuals to live a more productive, responsible, and holistic Christian lifestyle through Christian care, compassion, professional competence and shared knowledge.

Professional Christian counseling services are provided through the Counseling Center. The Counseling Center is supervised by a licensed Marriage and Family Therapist and a licensed Clinical Psychologist. Students can make confidential appointments to discuss their spiritual, personal, and emotional concerns. This service is provided for each student through the student services fee, as part of each student's tuition. Appointments may be requested online by logging into the student portal, in person or by calling our office or online at http:// www.vanguard.edu/requestcounseling (http://www.vanguard.edu/ requestcounseling/). Walk-in assistance is also available. The Counseling Center is located on the first floor of Smith Hall.

## HEALTH CENTER

Department Website: https://www.vanguard.edu/resources/health-center (https://www.vanguard.edu/resources/health-center/)

Department Phone: (714) 619-6471
Mission: The mission of the Health Center is to provide quality health and wellness care as a supplement to the student's existing health care plan for acute illnesses and injuries in a safe, comfortable, and confidential environment.

The student Health Center, located in Smith Hall, strives to provide quality health and wellness in a safe, comfortable, and confidential environment, as a supplement to the student's existing health care plan for acute illnesses and injuries. The Health Center does not provide primary care services. Appointments may be scheduled online, by phone, or in the office. Services provided include diagnostics and treatment for common acute episodic medical conditions; administration of diagnostic tests include strep, mono, urinalysis, influenza, COVID, and TB; care for minor injuries such as sprains, contusions, wounds and more. Furthermore, we counsel for nutrition, exercise and weight management, and consultation and referral to a number of health professionals and facilities covered by the student's existing medical insurance as appropriate. Appointments may be requested by completing the online Health Center Appointment Request From.

## JEFF and KENDRA MOTSKE FITNESS CENTER

Department Website: IMLeagues.com/vanguard
(https://www.imleagues.com/spa/intramural/
da9683f886da45cd9a2ac1ec59c4024b/home/)
Located in the Waugh Student Center, the Jeff and Kendra Motske Fitness Center is open to all students. The Fitness Center is free for students to use and has equipment for a wide range of student needs including an open free weights area, many options for cardio equipment, weight machines, and lockers rooms for commuter students. Currently, Reservations are required to use the fitness center to ensure that everyone using the fitness center has a safe and enjoyable experience. Reservations can be made when students create an account using their
vanguard email and current student ID at the website above. Students will also be able to see our full hours and operations, and dress code.

## FOOD SERVICES

Department Website: https://www.vanguard.edu/student-life/dining (https://www.vanguard.edu/student-life/dining/)

Located in the Waugh Student Center, the Bruce Lindsay Café is open to all students and serves meals regularly. Resident students without kitchens must participate in a board plan and can select from several plans offered. Commuter meal plans and a la carte items are also offered, and individual meals may be purchased by off-campus guests.
Dr. Ben's Coffee Bar is available for handcrafted coffee drinks, pastries and a variety of salads and cold sandwiches. Dining Dollars may be added to the meal plan at the Cashier in the Office of Accounting Operations. Any exceptions to food service requirements must be petitioned through the Office of Disability Services.

## CAREER SERVICES

Department Website: https://www.vanguard.edu/resources/careerservices (https://www.vanguard.edu/resources/career-services/)

Mission: Equipping our students to prepare and stand out as they pursue their career.

Career Services equips students to prepare and stand out for current and future employment. They provide relevant resources, avenues for exploration, and experienced one-on-one career advising. These services are free to currently enrolled students and alumni of Vanguard University. Career advising topics include resume and cover letter assistance, mock interviews, job and internship search, LinkedIn profile assistance, career direction, choosing a major, negotiating, graduate school preparation, and assessment results. Events and workshops are offered to educate and engage students in networking and experiential learning opportunities. Additional resources provided include a library of printed and online documents. Their online platform, Handshake, allows students and alumni to schedule career advising appointments and identify on-and-off campus job and internship opportunities. Career Services is located on the 2nd floor of the Scott Academic Center and may be reached at (714) 619-6474, or at careerservices@vanguard.edu.

## VETERANS SUPPORT and SERVICES

Vanguard University has a primary mission to consistently engage our student Veterans in the pursuit of academic and personal success, including spouses and dependents. Our Veterans are engaged in activities both on and off campus. With over 30 degrees and certificates through our Graduate, Undergraduate, and Professional Studies programs, we have a place for you as a student Veteran. Our student Veterans are currently enrolled across all three programs, with priority registration offered. Our Professional Studies program has five majors consisting of 5 and 8 -week classes which allow many of our Veterans to keep full time employment while attending class one night a week. Vanguard University has a dedicated Veterans Courtyard of Honor that shows Vanguard's commitment to respecting and honoring your service to our Nation. The Veterans Club, run by student Veterans and affiliated with the Student Veterans Alliance® ${ }^{\circledR}$ focuses on hosting social programs in order to build a strong network for student Veterans. We want to continue this honor by learning your story, while listening to your aspirations for your education and life after
graduation. For more information, contact the School Certifying Official (VASCO@vanguard.edu).

## ACADEMIC PROGRAMS

- Core Curriculum (Traditional Undergraduate College) (p. 62)
- General Education (School for Professional Studies) (p. 65)
- Interdisciplinary Programs (Traditional Undergraduate College) (p. 70)
- Off Campus Study Programs (p. 70)
- Vanguard University Scholars Program (Traditional Undergraduate College) (p. 71)
- Writing Standards (School for Professional Studies) (p. 71)


## Core Curriculum (Traditional Undergraduate College)

Mission: The mission of the core curriculum is to provide an integrative fouryear learning experience for all matriculants. The cornerstone course starting the freshman year lays out a framework for new students to help them understand the concept of a liberal arts education and the role of a Christian university in integrating faith and learning. Along with the senior capstone course, it provides a vehicle for pre- and post-testing to assess intellectual growth, value strengthening, and spiritual development. The capstone course stimulates a summative integration of the student's faith with the discipline's intellectual material. The core challenges students to examine and develop their beliefs and strengthen their intellectual skills. Its goal is that Vanguard graduates will bear a distinctive stamp reflective of their common experience.

## Rationale for the Core Curriculum

The Traditional Undergraduate College (TUG) is committed to a broad education in the liberal arts, an objective requiring study in a variety of academic disciplines that is fulfilled in part by its core curriculum in general education.

## Core Curriculum Requirements by Category

Code Title ..... Units
Core Requirements:4
CORE-100C Cornerstone ${ }^{1}$
or CORE-100Cornerstone Honors
Capstone Course in the Major (approx. 3 units, varies by major, see chart below)English/Literature Requirements:9
ENGL-120C Persuasive Writing
ENGL-220C Researched Writing ${ }^{2}$
or HIST-262 Research Methods in Hist/Poli Scienceor POLS-262 Research Methods in Hist/Poli Scienceor EDUC-220Researched Writing for Liberal Studies Majorsor PSYC-220 Researched Writing/Psyc Majors
ENGL-230C Literature and the Human Experience ${ }^{3,4}$or ENGL-433 Global Voices: World Literature
Communication Requirement:3
History/Political Science Requirements:6
HIST-156C U.S. HistoryHIST-203C World Civilizations I
or HIST-204CWorld Civilization II
Fitness/Wellness Requirement: ..... 3
KINE-148C Lifetime Fitness and Wellness Lecture
5, 63
Take one of the following courses:
MATH-115C Applied Mathematics and Personal Finance
MATH-116C College Algebra
MATH-170C Precalculus
MATH-180C Calculus 1
MATH-265Cor PSYC-2650ntroduction to Behavioral Statistics
or SOC-265CIntroduction to Behavioral Statisticsor MATH-270Єealth Professions Statistical Methodsor BUSN-165Business StatisticsTheology Requirements:15
THEO-101C Foundations of Christian Life ${ }^{8}$
or THEO-103Gntro to Theology
or THEO-103Hhtroduction to Theology Honors
NT-101C New Testament Survey
OT-201C Old Testament Survey
THEO-300C Developing a Christian World View
or THEO-300 Developing a Christian World View
CHIS-400C Christian Heritage ${ }^{9}$or CHIS-400HChristian Heritage
Social Sciences Requirements:6

Take two of the following courses:

| ANTH-102C | Intro to Cultural Anthropology |
| :--- | :--- |
| PSYC-103C | Introduction to Psychology |
| SOC-100C | Introduction to Sociology |

Fine Arts Requirement: ${ }^{10}$ ..... 3
Take one of the following courses:

| ART-252C | Hist/Appreciation of Art |
| :--- | :--- |
| FINA-215C | Intro to the Arts |
| MUJZ-355C | Jazz Music History |
| MUSC-202C | Intro to Music |
| THEA-102C | Intro to Acting |
| THEA-202C | History of Theatre I |
| THEA-204C | History of Theatre II |

Science Lecture/Lab Requirement:4

Take one of the following lecture/lab combinations:

| BIOL-100C | Fundamentals of Biology for Non-Majors |
| :--- | :--- |
| $\& 100 C$ and | and Fundamentals/Biology for Non-Majors Lab |
| BIOL-204C | Human Anatomy |
| \& 204CL | and Human Anatomy Laboratory |


| CHEM-112C | Fundamentals of General, Organic, and <br> \& 112 CL <br> Biochemistry I <br> and Fundamentals of General, Organic, and <br> Biochemistry I Lab |
| :--- | :--- |
| CSCI-100C | Introduction to Computer Science <br> \& 100CL |
| ENVR-150C Introduction to Computer Science Lab |  |
| \& 150CL | Intro to Environmental Science |
| and Intro to Environmental Science Lab |  |

## Total Units

## Core Curriculum Course Recommendations by Year

## First Year

| Code Title | Units |
| :---: | :---: |
| CORE-100C Cornerstone |  |
| or CORE-10016ornerstone Honors |  |
| English Requirement | 3 |
| History/Political Science Requirement | 3 |
| Fitness/Wellness Requirement | 3 |
| Math Requirement | 3 |
| Theology Requirements (2 classes) | 6 |
| Social Science Requirements (2 classes) | 6 |
| Total Units | 24 |
| Second Year |  |
| Code Title | Units |
| English Requirement | 3 |
| Communication Requirement | 3 |
| Fine Arts Requirement | 3 |
| History/Political Science Requirement | 3 |
| Theology Requirement | 3 |
| Science Lecture/Lab Requirement | 4 |
| English Literature Requirement | 3 |
| Total Units | 22 |
| Third Year |  |
| Code Title | Units |
| Theology Requirement | 3 |
| THEO-300C Developing a Christian World View |  |

Total Units
3

## Fourth Year

| Code | Title | Units |
| :--- | ---: | ---: |
| Theology Requirement | 3 |  |
| CHIS-400C |  | Christian Heritage |
| Capstone Course | $\mathbf{3}$ |  |
| Total Units | $\mathbf{6}$ |  |

1
CORE-100C Cornerstone is required of all first-year students. Exception may be made for first-year students who have earned transferrable units at another institution after earning their high school diploma.

## 2

Students in the following majors may satisfy ENGL-220C Researched Writing with the courses prescribed below:

- History and Political Science: HIST-262 Research Methods in Hist/ Poli Science/POLS-262 Research Methods in Hist/Poli Science
- Liberal Studies: EDUC-220C Researched Writing for Liberal Studies Majors
- Psychology: PSYC-220C Researched Writing/Psyc Majors

3
Students majoring in English are exempt from taking ENGL-230C Literature and the Human Experience

## 4

ENGL-433 Global Voices: World Literature is not recommended to fulfill the core curriculum requirement in literature for non-English majors or students with a limited background in literature.

Students majoring in Mathematics fulfill the Core Curriculum Requirement through their major.

Students majoring in pre-nursing must take MATH-270C Health
Professions Statistical Methods to fulfill the core curriculum requirement in mathematics.
7
Students in the following majors must take the following statistical course unless equivalency is approved by the Department or noted otherwise:

- Business or Kinesiology must take MATH-265C Intro to Statistical Methods
- History, Political Science or Sociology SOC-265C Introduction to Behavioral Statistics
- Psychology must take PSYC-265C Introduction to Behavioral Statistics to fulfill the core curriculum requirement.
8
Students majoring in Theology (any concentration) must take THEO-103C Intro to Theology or THEO-103H Introduction to Theology Honorsto fulfill the core curriculum requirement in theology.
9
CHIS-400C Christian Heritage and CHIS-400H Christian Heritage are restricted to students with senior class level standing only as one class session is dedicated to data collection for institutional research.

Theatre majors may not take THEA-102C Intro to Acting or THEA-200C Intro to Theatre to fulfill the core curriculum requirement in fine arts.

## Capstone Courses (variable units) (Prefix will reflect major field)

A capstone course within the major is to encourage active reflection on the undergraduate journey and solidify the integration of faith and learning. Includes the writing of an integrative personal philosophy paper and capstone assessments of academic achievement that, paired with cornerstone assessments, will provide tangible, measurable evidence of growth during the Vanguard years.

| Code | Title | Units |
| :---: | :---: | :---: |
| Accounting, Business Administration and Marketing |  |  |
| BUSN-455C | Business Policy and Strategy | 3 |
| Biological Sciences |  |  |
| BIOL-499C | Capstone Seminar in Biology | 2 |
| BIOL-485 | Undergrad Biological Research | 1-4 |
| Chemical Science |  |  |
| CHEM-499C | Chemistry Capstone Seminar | 2 |
| Communication |  |  |
| COMM-464C | Media Criticism | 3 |
| English |  |  |
| ENGL-499C | Synecdoche: Capstone | 3 |
| Environmental Sciences |  |  |
| ENVR-499C | Capstone Seminar/Environmental Studies | 2 |
| History and Political Science |  |  |
| Kinesiology |  |  |
| KINE-450C | Capstone Kinesiology Senior Project | 3 |
| Liberal Studies |  |  |
| EDUC-499C | Senior Capstone in Liberal Studies | 3 |
| Mathematics |  |  |
| MATH-499C | Mathematics Capstone | 2 |
| Music |  |  |
| General Music |  |  |
| MUSC-406C | Music and Worship | 3 |
| Music Ministry Emphasis |  |  |
| MUSC-406C | Music and Worship | 3 |
| Applied Music Emphasis |  |  |
| MUSC-491C | Recital and Research | 2 |
| Music Education and Church Music: |  |  |
| MUSC-491C | Recital and Research | 2 |
| Composition |  |  |
| Nursing, Professional Studies |  |  |
| NURS-430 | Ldrshp/Mngt in Professnl Nurs | 3 |
| Psychology |  |  |
| PSYC-477C | Psychology and Christianity | 3 |
| Theology |  |  |
| THEO-499C | Theo/Min/Post-Chrstn Context | 3 |
| Sociology |  |  |


| SOC-490C | Senior Seminar | 3 |
| :--- | :--- | ---: |
| Theatre Major |  | $1-2$ |
| THEA-450 | Theatre Internship | 2 |
| THEA-495C | Senior Project |  |

## Program Learning Outcomes Student Learning Outcomes:

1. Integration of Faith and Learning: Students will develop and articulate a Biblical worldview informed by a Pentecostal perspective, integrating faith with learning.
2. Cultural Competency and Citizenship: Students will understand and practice effective local, national and global citizenship and demonstrate appreciation of diverse psychological, social, historical and artistic aspects of culture.
3. Communication: Students will demonstrate effective, college-level written and oral communication skills.
4. Critical Thinking: Students will develop and apply qualitative and quantitative critical thinking skills.
5. Holistic Living: Students will appreciate and demonstrate a holistic view of health and living.
6. Information Competency: Students will demonstrate foundational technology skills that allow one to locate and evaluate the integrity of information, and to understand the ethical uses of information.

By establishing links between different disciplines, relating the past to the present, and increasing awareness of contemporary challenges, the core curriculum classes should open new vistas for all students and encourage a lifelong pursuit of knowledge.

## Courses

## CORE Courses

## CORE-100C Cornerstone 1 Credit

This course is open to Freshmen only. Introduction to university life and learning, and to the academic and social skills needed for success. May include social outings, community service component, and is to be taken in conjunction with an approved freshman-level course that will apply some of the course lessons. A failing grade must be made up prior to advancement to the Sophomore level.
Terms Typically Offered: Fall and Spring
CORE-100H Cornerstone Honors 1 Credit
This course is open to Freshmen Honor students only. Introduction to university life and learning, and to the academic and social skills needed for success. May include social outings, community service component, and is to be taken in conjunction with an approved freshman-level course that will apply some of the course lessons. A failing grade must be made up prior to advancement to the Sophomore level.
Terms Typically Offered: Fall.

CORE-101C College Success Strategies 1 Credit
College Success Strategies is a semester-long course designed to provide students an opportunity to identify their individual learning strengths and personality styles in order to develop effective individualized study and test-taking strategies based on timemanagement, organization, and the school-life balance. Students are provided with an introduction, regular classroom reinforcement, and application of the executive functioning skills necessary for success in college level course work.
Terms Typically Offered: Fall.
CORE-110 Vanguard Foundations of College Writing I 3 Credits Covers reading comprehension, technology and writing, and sentencelevel (grammar) and paragraph-level issues. The course focuses on process-driven revision and peer collaboration while emphasizing critical thinking skills. This required course prepares Professional Studies and ECE students for college-level writing and studies. Students may petition to test out of this required course if they possess proficient college level writing ability. (Meets elective credit requirement only; not applicable to English Composition requirement. . Course must be passed with a "C" or better.) (School for Professional Studies Course).
Terms Typically Offered: Fall, Spring, and Summer.

## CORE-205 Cornerstone Mentoring 1 Credit

Cornerstone Mentoring provides the student with the opportunity to assist freshmen students during their Cornerstone course in gaining academic and social skills. Regular hours each week for classes and/or meetings are established at the beginning of the semester. This course may be repeated with consent of the instructor.

# General Education (School for Professional Studies) 

## Requirements

General Educational Courses

| Code | Title | Units |
| :---: | :---: | :---: |
| Foundations |  | 3 |
| CORE-110 | Vanguard Foundations of College Writing I ${ }^{1}$ |  |
| English Composition |  | 6 |
| BUSN-P277 | Business Writing ${ }^{10}$ |  |
| ENGL-115 | Foundations for College Writing II |  |
| ENGL-220 | Researched Writing |  |
| PSYD-214 | Researched Writing/Psyc Majors ${ }^{12}$ |  |
| Humanities/Fine Arts ${ }^{8}$ |  | 6-9 |
| COMM-201 | Speech Composition and Presentation |  |
| COMM-230 | Ethics in Film |  |
| COMM-290 | Intro to Interpersonal Communication |  |
| THEO-101 | Foundations of Christian Life |  |
| ENGL-340 | Children's Literature ${ }^{7}$ |  |
| PHIL-201 | Introduction to Philosophy |  |
| Literature |  | 3 |
| ENGL-230 | Literary Perspectives |  |
| Natural Science/Mathematics ${ }^{\text {5, } 6}$ |  | 7-10 |
| BIOL-208 | Biology of Nutrition |  |


| BIOL-234 | Principles of Neuroscience |  |
| :---: | :---: | :---: |
| BUSN-P205 | Computer Applications ${ }^{10}$ |  |
| CHEM-210 | Integrated Chemistry |  |
| MATH-106 | Business Math |  |
| MATH-105 | Essential Mathematics |  |
| MATH-109 | Mathematics for Statistics |  |
| MATH-293 | Special Topic: ${ }^{4}$ |  |
| MATH-235 | Statistics for Health Professionals |  |
| PSCI-215 | Fundamentals of Earth Science |  |
| PSCI-216 | Fundamentals of Physical Science |  |
| PSYD-265 | Intro to Statistical Methods ${ }^{12}$ |  |
| Religion ${ }^{2,3}$ |  | 3-12 |
| NT-101 | New Testament Survey |  |
| OT-201 | Old Testament Survey |  |
| THEO-101 | Foundations of Christian Life |  |
| THEO-103 | Introduction to Theology |  |
| Social Science ${ }^{9}$ |  | 6-12 |
| HIST-275 | Topics in American History |  |
| HIST-356 | History and Geography of California |  |
| POLS-155 | U.S. Government |  |
| PSYC-103 | Introduction to Psychology |  |
| PSYD-321 | Adolescent Psychology |  |
| PSYD-352 | Industrial/Organizational Psyc |  |
| SOC-100 | Intro to Sociology |  |
| SOC-220 | Marriage \& Family Social Conte |  |

Professional Development (optional) ${ }^{11}$3

MNGT-P225 Career Transitions: Landing Your Ideal
Total Units
37-58
1
CORE-110 Vanguard Foundations of College Writing I is not required for the Business Administration, Management, and Psychology programs.
2
Religion majors are required to take NT-101 New Testament Survey, OT-201 Old Testament Survey, THEO-103 Introduction to Theology
3
Students majoring in Business Administration, Early Childhood,
Management and Psychology are required to take one of the four options to fulfill the Religion General Education requirement.

4
MATH-293 Special Topic: will be offered as Fundamentals of Math Principles.
5
Students must enroll in one science lecture/lab (4 units).
6
Students enrolled in Business Administration and Management are required to take one science lecture/lab (4 units) and one math course (3 units). The math requirement must be met with a grade of " C " or better.

7
ENGL-340 Children's Literature may be used to fulfill the Literature General Education requirement for Early Childhood.
8
Students enrolled in the Psychology program will be required to complete 9 units of Humanities/Fine Arts General Education requirements.
9
The Business Administration and Management programs require completion of 6 units to meet the Social Science General Education requirement. Students enrolled in the Early Childhood and Psychology programs are required to complete 9 units to meet the Social Science General Education requirement.
10
BUSN-P277 Business Writing or BUSN-P205 Computer Applications fulfills the General Education business core requirement for Business Administration and Management programs.
11
MNGT-P225 Career Transitions: Landing Your Ideal fulfills the General Education business core requirement for Business Administration and Management programs.

12
Psychology majors are required to take PSYD-214 Researched Writing/ Psyc Majors as one of the two required courses for English Composition and PSYD-265 Intro to Statistical Methods for the Math requirement.

## Courses

Below is a list of recommended courses offered through the Professional Studies that may be used for elective courses within the program, or as Core Curriculum/General Education courses for cross enrollment between the Traditional Undergraduate and Professional Studies programs. Please contact the Office of Professional Studies for more information.

## Core Curriculum and General Education Courses

## ART-252 History \& Appreciation of Art 3 Credits

A survey of painting, sculpture, and architecture beginning with the Renaissance and concluding with Modern Art. Illustrated lectures, reading, and study of current exhibitions. Field trip fees may apply. (meets Humanities/Fine Arts requirement). (School for Professional Studies Course).
Terms Typically Offered: Spring.
COMM-201 Speech Composition and Presentation 3 Credits
This course is designed to provide the student with a general working knowledge of the fundamentals of speech communication. General requirements for speech preparation, composition and presentation will be covered. A foundation will be established upon which further speech development may transpire. Lab fee. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

ENGL-230 Literary Perspectives 3 Credits
Introduces the student to a variety of literary genres as well as diverse authors, cultures, and experiences. This course also covers the tools and concepts necessary to the understanding and interpretation of literature. Students engage in classroom discussion, write papers, and take a variety of quizzes and exams. (meets Humanities/Literature/Fine Arts requirement). (School for Professional Studies Course).

## ENGL-220 Researched Writing 3 Credits

Interpretive and analytic writing, including several problem-solving research-based essays investigating topics related to class themes. The course emphasizes writing, revising and editing, reading, analytical skills, and computer technology (word processing, Internet research) and reinforces those skills learned in ENGL-115. Must be passed with a "C" or better to fulfill the core curriculum requirement. (meets English Composition requirement)
Prerequisite: ENGL-120C.

## NT-101 New Testament Survey 3 Credits

Prerequisite to all upper division courses in New Testament. A close study of the New Testament text, examining the foundations of Christianity within its historical contexts, and presenting the principles and tools of interpretation. (required for all Religion majors; meets Religion/Humanities requirement for all majors). (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## OT-201 Old Testament Survey 3 Credits

Prerequisite to all upper division courses in Old Testament. An introductory study of the literature of the Old Testament, with a view toward appreciation of its content and historical development, with emphasis on theological themes such as creation, election, and redemption. (required for all Religion majors; meets Religion/Humanities requirement for other majors). (School for Professional Studies Course). Terms Typically Offered: Fall and Spring.

## PHIL-201 Introduction to Philosophy 3 Credits

An introductory study which aims to provide a basic understanding of the nature and aims of philosophy, an acquaintance with some representative philosophical problems, an introduction to the methodology of philosophical inquiry, and a mastery of some of the terminology employed in philosophical discussion. This course does not fulfill a core curriculum requirement. Core requirement for the religion major offered every semester.
Terms Typically Offered: Fall and Spring.
POLS-155 U.S. Government 3 Credits
Designed to acquaint the student with the United States political system, including constitutional developments of the United States and of California, and stimulate reflection on the intersection of Christianity and citizenship. This course will meet the Social Science requirement in the Professional Studies Program.

## PSYC-103 Introduction to Psychology 3 Credits

Prerequisite to all other psychology courses. This course explores the fundamental issues of psychology, including research in psychology, biological influences on development and behavior, learning and memory, motivation, personality, psychological disorders, psychological interventions, and social behavior. Meets Social Science requirement. (School for Professional Studies Course).
Terms Typically Offered: Fall and Summer.

## SOC-100 Intro to Sociology 3 Credits

An introduction to the study of society, considering the fundamental concepts of sociology in each of three great areas: social structure, social processes, and social problems. Sociology deals with the way individuals, groups, and institutions are related to one another. This course meets the Social Science requirement in the Professional Studies Program. (School for Professional Studies Course).

## THEO-101 Foundations of Christian Life 3 Credits

An introduction to Christian faith and life, embracing the primary theological tenets and fundamental values that empower a Christian to address contemporary cultural issues, seek integrity in personal behavior, and respond to the great commission to reach the world. (meets Religion/Humanities requirement). (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## THEO-103 Introduction to Theology 3 Credits

An introductory study of the subject matter and scope of Christian theology. Examination is made of philosophical presuppositions, definition is sought for theological terms, and articulation of theological concepts is encouraged. Particular attention is given to the doctrinal tenets of the Assemblies of God. (Required for all religion majors/meets Religion/Humanities for all majors). (School for Professional Studies Course).
Terms Typically Offered: Fall, Spring, and Summer.

## Elective Courses

## BIOL-205 Principles of Human Physiology 4 Credits

Investigates the fundamental physiological processes in humans using a systems approach to student integrated functions. The course will explore the functions of the human body emphasizing homeostasis and integration at the biochemical, cellular, organ, and system levels. The systems studied will include nervous, cardiovascular, respiratory, renal, gastrointestinal, endocrine, reproductive, and immunity. This course is a combined lecture and laboratory course fulfilling the physiology requirement for RN to BSN student. This is not a suitable course for PreLicensure Nursing students or Biology Majors. This requirement meets the science lab requirement for all other students. Lab fee required. Terms Typically Offered: Spring.

## BIOL-208 Biology of Nutrition 4 Credits

The course emphasizes the biology of nutrition as applied to metabolic and physiologic principles underlying digestion and absorption of nutrients, chemical structure, and metabolism of nutrients, the biochemical role of nutrients in maintaining health, and the effects of over- and under-nutrition on health and on disease pathogenesis. The students will gain an understanding of the biology of macronutrients (carbohydrates, lipids, and proteins) and micronutrients (vitamins, minerals, and water). Weight management and dietary analysis will also be discussed. Laboratory activities provide real-world insight into the biology of nutrition and will assist students in understanding how proper nutrition can optimize body system functions. This course is a combined lecture and laboratory course fulfilling the physiology requirement for RN to BSN student. This is not a suitable course for Pre-Licensure Nursing students or Biology Majors. This requirement meets the science lab requirement for all other students. Lab fee required. (School for Professional Studies Course).
Terms Typically Offered: Spring and Summer.

## BIOL-209 Principles of Microbiology 3 Credits

An introduction to the study of micro-organisms: their occurrence and importance to humans. Major concepts of general microbiology are discussed, including prokaryotic and eukaryotic cell types: structural organization of cells; cellular metabolism, regulation of metabolism, and genetics; host-parasite relationships, nutrition, growth, control mechanisms, immunology and serology; recombinant DNA technology; growth of microbial cells; and controlling growth by chemical and physical means. Bacteria, fungi, algae, protozoa, and viruses are studied. Special emphasis is given to infectious diseases and the organisms that cause these diseases.
Co-Requisite: BIOL-209L
Pre- or Co-Requisite: BIOL-205 or BIOL-100C
Terms Typically Offered: Spring.

## BIOL-234 Principles of Neuroscience 4 Credits

The course is an introduction to the human nervous system and how the brain processes sensory information, controls actions, and learns through experience and emotions. Each lesson provides a broad understanding of the fundamentals of brain structures and its role in behavior. The course also aims to introduce the student to brain science behind sensory development, language acquisition and learning. (School for Professional Studies Course).
Terms Typically Offered: Fall, Spring, and Summer.

## CHEM-210 Integrated Chemistry 4 Credits

This course is designed to give beginning students who have not had prior exposure to chemistry a basic overview in general, organic, and biochemistry. The following topics will be surveyed: matter and energy, atomic theory, stoichiometry, nomenclature, the periodic table, atomic structure, gas liquid and solid states, solutions, nuclear chemistry, functional groups, alkanes, alkenes, alcohols, ethers, aldehydes, ketones, amines, carboxylic acids, lipids, carbohydrates, amino acids, proteins, nucleic acids, metabolism and respiration, photosynthesis, transcription, translation, kinetics, and DNA replication. Upon completion of this integrated chemistry course, the student will have an understanding of basic principles paramount to the study of chemistry, a proficiency with stoichiometry (as it relates to the nursing discipline), writing and interpreting chemical formulas, DNA replication, transcription and translation. In addition, the student should develop an appreciation for the importance of chemistry in other disciplines. (Meets Chemistry requirement for RN to BSN students; meets Science/Lab requirement for Professional Studies students). (School for Professional Studies Course). Terms Typically Offered: Fall and Spring.

## COMM-230 Ethics in Film 3 Credits

Through in-class screenings, intensive class discussion and related readings, this course will examine films whose themes strongly concern the depiction of ethical and moral choice. This course will discuss the ways in which filmmakers create meaningful ethical dilemmas; how the characters' choices are portrayed; and how these portrayals may influence our own formulation of value systems and ethical choices. Meets a Humanities/Fine Arts requirement. (School for Professional Studies Course).

## COMM-290 Intro to Interpersonal Communication 3 Credits

The primary elements of the communication process as it occurs between two persons in everyday settings. Among the topics considered are: language and meaning, nonverbal communication, person perception, and self-concept. This course does not fulfill a core curriculum requirement.(School for Professional Studies Course). Terms Typically Offered: Fall and Spring.
CORE-110 Vanguard Foundations of College Writing I 3 Credits Covers reading comprehension, technology and writing, and sentencelevel (grammar) and paragraph-level issues. The course focuses on process-driven revision and peer collaboration while emphasizing critical thinking skills. This required course prepares Professional Studies and ECE students for college-level writing and studies. Students may petition to test out of this required course if they possess proficient college level writing ability. (Meets elective credit requirement only; not applicable to English Composition requirement. . Course must be passed with a "C" or better.) (School for Professional Studies Course).
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-109 Infant/Toddler Development 3 Credits

This course is an overview of the characteristic needs of infants and toddlers, birth through age three. Appropriate learning environments and routine experiences are discussed. Social, cognitive, physical, and sensory motor behavior patterns are applied in theory and through observation in relation to the environment. A focus on the development of curriculum in meeting the individual needs of the children and the role of the teacher in facilitating growth through play experiences is emphasized.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-121 Admininistration of Early Childhood Education Programs I 3

 CreditsApplication of the basic principles for the establishment, operation, supervision and evaluation of a preschool/daycare program is examined. This includes an overview and history of early childhood education programs, philosophy development, licensing standards, and assessment of management techniques. Christian philosophy and development are integrated. This course meets the minimum licensing course requirement for operating a licensed daycare program.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-123 Administration of Early Childhood Education Programs II 3

 CreditsApplication of advanced principles for the ongoing operation, supervision and evaluation of a preschool/daycare program are examined. This includes an in-depth look into managing staff and personnel issues, along with public relations and board development. Parent partnership and operational policies are discussed. Christian philosophy and development are integrated. This course meets the minimum licensing requirement for operating a licensed daycare program.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-139 Adult Supervision and Mentoring 3 Credits

This course covers the methods and principles of supervising adults who are teachers, assistants, or volunteers in early childhood education classrooms. Emphasis is placed on the role of experienced classroom teachers who function as mentors to new teachers while simultaneously addressing the needs of children, parents and other staff. Though not required, ECED 101 and ECED 103 are recommended prior to taking this course.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-150 Spiritual Formation of Young Children 3 Credits

This course furthers students' own understanding and personal journey of spiritual formation and how that relates to the spiritual transformation of young children. The process of how the inner life is formed in young children toward an intimate relationship with God is discussed. Particular emphasis is placed on relationship, experience, and practice of the spiritual disciplines that create the context for spiritual formation to occur. A systematic approach is given that lays the foundation for regular practices in the classroom. The relationship between the church, home, and the early childhood education program is explored as the foundational environments where spiritual transformation is developed. Terms Typically Offered: Fall, Spring, and Summer.

## EDUC-100 Introduction to Education 3 Credits

This course explores the role of education and teaching in modern American Society. Current political and social issues and their impact on schools are addressed; and career opportunities and expectations for teachers are explored. Students are encouraged to assess and reflect upon their own educational experiences, skills, and learning styles as they interact with current practitioners and education literature. Students complete a 15 -hour fieldwork component. May not be taken concurrently with EDUC 315. Must be passed with a C (not C-) or better to fulfill the Liberal Studies major requirement.
Terms Typically Offered: Fall, Spring, and Summer.

## EDUC-315 Teaching in a Multicultural Setting 3 Credits

Students seeking to complete the Single Subject Matter Program in English must take this course as part of that program to ensure they are integrating literary content with their pedagogical experience. This course provides the philosophical background and classroom experience necessary to introduce the student to the teaching profession in a public or private school in a multicultural environment. The purpose of the class is to assist the student in gaining an understanding of the resources and challenges facing a teacher serving a linguistically and culturally diverse student population. Discussion focuses on the major professional organizations and educational research related to the philosophical, historical, and demographic developments of American education. Students complete a 30 -hour field work component to observe classroom management and organization, Specially Designed Academic Instruction Delivered in English (SDAIE) instructional practices, and the curricula of grades $\mathrm{K}-12$. The role and function of Christian beliefs and values in the public school are integrated throughout the course. This course is a prerequisite requirement for Multiple and Single Subject Credential programs. Lab fee.
Prerequisite: EDUC-100 - This course is cross listed with HIST-316. Terms Typically Offered: Fall, Spring, and Summer.

ENGL-115 Foundations for College Writing II 3 Credits
Exposition and argument at the college level. The course emphasizes academic writing conventions through the writing process, mechanics, revising and editing, with a specific emphasis on critical thinking and logical argumentation. Course must be passed with a "C" or better to enroll in ENGL-220 (meets English Composition requirement). (School for Professional Studies Course).

ENGL-340 Children's Literature 3 Credits
Reading and evaluating literature written especially for children and young adults. Includes a historical as well as a genre approach. (School for Professional Studies Course).
Prerequisite: ENGL-220C
Terms Typically Offered: Spring.

## ENGL-350 Creative Writing 3 Credits

This course serves as a foundation for creative writing, introducing the student to the three primary genres that make up that world - poetry, fiction, and drama. Students will study/review the fundamentals and theory specific to each genre; read and analyze professional poems, stories, and plays; read and critique each other's work; and most Prerequisite: ENGL-220C
Terms Typically Offered: .

## HIST-275 Topics in American History 3 Credits

A study of five periods in American history emphasizing the development of a distinctive American culture. This course meets the Social Science requirement for the Professional Studies Program. (School for Professional Studies Course).

## HIST-356 History and Geography of California 3 Credits

A study of California from pre-Spanish times to the present, with emphasis on political, economic, and social developments and on its physical, political, and human geography.
Terms Typically Offered: Fall.

## MATH-105 Essential Mathematics 4 Credits

This course prepares students to understand the essential mathematical concepts in number sense, elementary algebra, sets of numbers, problem solving, ratios, proportions, percentages, and graphing linear equations and inequalities. The course is designed to introduce students to practical mathematical skills necessary for courses in business and statistics. Emphasis will be placed on the structural and logical foundations of business. (Meets Elective requirement only; not applicable to Natural Science/Math requirement). (School for Professional Studies course).

## MATH-105 Essential Mathematics 4 Credits

This course prepares students to understand the essential mathematical concepts in number sense, elementary algebra, sets of numbers, problem solving, ratios, proportions, percentages, and graphing linear equations and inequalities. The course is designed to introduce students to practical mathematical skills necessary for courses in business and statistics. Emphasis will be placed on the structural and logical foundations of business. (Meets Elective requirement only; not applicable to Natural Science/Math requirement). (School for Professional Studies course).

## MATH-109 Mathematics for Statistics 4 Credits

This course prepares students to understand the mathematical and statistical concepts in problem solving, critical thinking, ratios and proportions, algebraic equations, sets and logic, probability and statistics, including frequency of distribution, statistical graphs, measures of central tendency, and measure of position and dispersion. The course introduces students to common mathematical skills necessary for coursework in statistics. (Meets Natural Science/Math requirement). (School for Professional Studies Course).

## MNGT-470 Special Topic in Management 1-3 Credits

Study of a special topic in one of the fields of management. May be repeated for credit provided topics are dissimilar.

## Terms Typically Offered: On Demand.

## PSCI-215 Fundamentals of Earth Science 4 Credits

Earth science including physical and historical geology, meteorology, and descriptive astronomy; the economic, social, and philosophical aspects of the subject matter. Lab fee. (meets Natural Science/Math requirement). (School for Professional Studies Course).
Terms Typically Offered: Fall.

## PSCI-216 Fundamentals of Physical Science 4 Credits

This course in physical science presents materials in physics, chemistry, and astronomy that are conceptual in nature with minimal reliance on the quantitative rules of mathematics as a tool for understanding. A strong emphasis is placed on proper use of vocabulary words to understand and explain topics in the fields of mechanics, properties of matter, heat, sound, electricity and magnetism, and light. Classroom demonstrations and videos are used to assist the student in learning the everyday principles of nature. Lab fee. (meets Natural Science/Math requirement)

## PSYD-321 Adolescent Psychology 3 Credits

A study of the period of life from puberty to the emergence from the teens, emphasizing the physical, mental, emotional, social, spiritual, and personality development of the individual. Diversity issues are considered. (School for Professional Studies Course). Prerequisite: Take PSYC-103, PSYD-366, OR PSYC-103C
Terms Typically Offered: Fall and Spring.

## PSYD-352 Industrial/Organizational Psyc 3 Credits

Investigate how general psychological knowledge from the areas of personality, assessment, cognitive, and social psychology can be applied and further developed in organizational contexts. Issues such as matching jobs and individuals, training, performance evaluation, stress, leadership, and development are discussed in the context of multilevel cultural influences, from organizational cultures to global business demands. (meets Social Science requirement). (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYC-103C
Terms Typically Offered: Spring.

## PSYD-465 Field Education for Psy Majors 1-5 Credits

Students apply concepts learned in the major as a student intern/ volunteer at a human services agency or research facility. This course allows students to earn credit for additional field experience beyond PSYD 460; 30 hours of field experience will be required for each credit hour. Students may register for from 1-5 units of credit. (School for Professional Studies Course).
Pre- or Co-Requisite: PSYD-460
Terms Typically Offered: Spring.

SOC-220 Marriage \& Family Social Conte 3 Credits
This course provides students with a sociological perspective of marriage and family living. Themes include: the social construction of gender and the consequences for relationships and social institutions; intimacy in family relationships; communication, conflict and stress in the family; the realities of parenting; integrating work and family life; separation divorce and remarriage; later life families. This course meets the Social Science requirement in the Professional Studies program. (School for Professional Studies Course).

## Interdisciplinary Programs (Traditional Undergraduate College) INTERDISCIPLINARY PROGRAMS

The Liberal Studies major is an interdisciplinary program which provides an opportunity for students to seek a broad liberal arts education rather than to concentrate in a single academic discipline. The Liberal Studies major is the approved academic program for those seeking a California Multiple/Single Subject Teaching Credential. Those students seeking a teaching credential should consult the Graduate Program in Education, Department of Liberal Studies, for specific requirements.

## Off Campus Study Programs

Vanguard University is committed to cultivating Spirit-empowered leaders with significant cross-cultural experience. Toward that end, the university provides local and global outreach opportunities as well as off campus study programs for academic credit, both international and domestic.

## VANGUARD UNIVERSITY PROGRAMS

 VISA (VANGUARD INTERCULTURAL STUDIES ABROAD): COSTA RICAVanguard Intercultural Studies Abroad (VISA) is a comprehensive program available to Religion majors (and qualifying Religion minors) with junior and senior status. The three-month program in San Jose, Costa Rica, includes 15 units of coursework, including language study, plus a three-unit on-field practicum. For program details contact the Office of Global Education and Outreach.

## VANGUARD STUDY INTENSIVES

Programs may change each year. Contact the Office of Global Education and Outreach for more information as to what programs are available for this academic year.

## CENTER FOR HOLY LANDS STUDIES TOUR

A multi-week journey through the Holy Lands in partnership with the Assemblies of God Theological Seminary. There are two programs available: one centered in Israel and the other focused on the Life of Paul that may include travel to Greece, Italy and Turkey. Students earn 3 units of academic credit for each program.

## Affiliated Semester Programs AFFILIATED SEMESTER PROGRAMS

Vanguard University maintains partnerships with a number of external study abroad programs as well as the Council for Christian Colleges and

Universities' Global Ed programs (formerly Best Semester). For more information about these opportunities see the Office of Global Education and Outreach.

## - Living and Learning International

Living and Learning International provides academically excellent international programs where students will live in community, engage the challenges of the world, and learn to respond with a Biblical Christian Worldview. Programs include domestic and international options as well as virtual internships that range in duration. For more detailed information about any of these programs visit the Living and Learning website at https://www.landli.org/ (https://www.landli.org/about/ about/)

- Veritas Christian Study Abroad ISA Veritas Christian Study Abroad provides college-level study abroad programs at host universities while helping students develop as mission-minded Christian leaders as they learn to live and serve in another culture. On an ISA Veritas program, students receive on-site spiritual support from a Mission Mentor who will help make the time abroad a spiritually challenging and growing experience. The Mission Mentor will also engage you in Christian community through a local church and other ministry opportunities. Semester and summer programs are available in a dozen countries around the globe. For more detailed information about any of these programs visit the Veritas website at https://www.veritasabroad.com (https:// www.veritasabroad.com/about//)/
- LCC International University

With students from over 50 different countries, students will learn in an international community and travel Central Europe, Russia and the Baltic States - all while earning academic credit at a Christian liberal arts university. Based in Lithuania, semester and summer programs are available for a wide variety of academic disciplines. For more detailed information about any of these programs visit the LCC website at https://lcc.It/ study-abroad-lithuania (https://lcc.It/study-abroad-lithuania/)

## COUNCIL FOR CHRISTIAN COLLEGES AND UNIVERSITIES STUDY PROGRAMS

The Council for Christian Colleges and Universities (CCCU), an association of more than 100 member institutions in North America and more than 70 affiliates in 23 countries, offers a number of semester and Summer programs to students of its member institutions. Students of Vanguard University are eligible to participate in any of the study programs offered by the CCCU. Students generally take at least 16 units during their semester abroad and should consult with their academic advisors to see how the off-campus study coursework fits with their academic program. Listed below are the courses available in each of the CCCU programs. For more detailed information about any of these programs visit the CCCU website at http://www.cccuglobaled.org/ (http://www.bestsemester.com/).

## ADDITIONAL STUDY ABROAD OPPORTUNITIES

In addition to the off-campus programs offered by Vanguard University and its affiliates, students can study abroad in programs offered by select external organizations. Students are required to complete a Study Abroad Application Packet from the Office of Global Education
and Outreach and consult with their academic advisors to see how any program they are considering fits with their academic program.

## Study Abroad Courses STUDY ABROAD COURSES

Academic credit for college-sponsored study trips conforms to WSCUC guidelines. One-unit hour is granted for each week of study, with an additional unit hour possible if academically warranted. Students should consult with their academic advisor, department chair, and study abroad personnel for counsel on either Vanguard or off-campus study abroad programs. Students wishing to study abroad through an institution other than Vanguard should contact the Office of Global Education and Outreach (studyabroad@vanguard.edu) for appropriate paperwork and approval.

## Vanguard University Scholars Program (Traditional Undergraduate College)

Mission: The Vanguard University Scholars Program strives to engage students in a transformational experience of expanded academic, leadership and service endeavors within an interdisciplinary academic environment. This integrated approach to education provides students with unique academic objectives, scholarly engagement with faculty and administrators, and cultivates lifetime learning and leadership.

The Vanguard University Scholars Program (VUSP) works in conjunction with both curricular Institutional Learning Outcomes and the co-curricular Four-Year Discipleship Plan. VU Scholars are expected to strive towards those outcomes, but do so with excellence and integrity, as an example to the wider Vanguard community.

Students' progress in the VU Scholars Program is measured in terms of Truth, Virtue and Service "merits," which are earned by participation in academic, service, mentoring, or other qualified pursuits. Merits are not equivalent to credit or unit hours, but provide a way to quantify and measure matriculation in each of the three areas of emphasis. Students are required to complete 60 merits by graduation, with minimum requirements in each area. The VUSP Director has discretion to adjust merit requirements based on factors including, but not limited to, accelerated academic progress and student enrollment in intensive academic degree.

| Code | Title |
| :--- | ---: |
| TRUTH Merits |  |
|  | Units |
| VIRTUE Merits | 24 |
|  | Merits |
| SERVICE Merits | 10 |
|  | Merits |
| Capstone Experience | 12 |
|  | Merits |
| Elective Merits (Scholars Choice) | 4 |
|  | Merits |
|  | 10 |
|  | Merits |

1
Electives may come from any area or combination of areas of the Scholar's choice.

The following required Scholars courses fulfill core requirements while also earning Scholars merits:

| Code | Title | Units |
| :--- | :--- | ---: |
| CORE-100H | Cornerstone Honors | 1 |
| THEO-103H | Introduction to Theology Honors | 3 |
| ITDS-310H | Introduction to Leadership Theory | 3 |
| THEO-300H | Developing a Christian World View | 3 |
| CHIS-400H | Christian Heritage | 3 |
| ITDS-490H | Scholars Seminar | $1-4$ |

Additional Honors Courses and Experiences:

- Experiential Education Component, fulfilled through Study Abroad, Outreach Programs, or Internships
- Research Project, fulfilled through independent academic research or participation in VU's Summer Undergraduate Research Program (SURP)

For full program details, please see the VUSP Program Guide or contact vusp@vanguard.edu. (vusp@vanguard.edu)

## Writing Standards (School for Professional Studies)

Writing standards are introduced to all School for Professional Studies students in CORE-110 Vanguard Foundations of College Writing I. Students are expected to adhere to Vanguard University writing standards immediately. At the very least, writing standards include:

- APA or MLA formats. These standards are further detailed in the writing courses for each major.
- Unless otherwise directed by the course instructor, all work submitted is to be typed and printed or submitted via learning management system.
- Title pages and plastic covers are not required unless requested by the course instructor.
- Only double spaced and typewritten work with a 10-12-point font will be accepted.
- Work should be submitted in black ink except when color graphs and documents are used.

VANGUARD UNIVERSITY

## DIVISION OF ARTS, EDUCATION AND HUMANITIES

Warren Doody, M.F.A.
Associate Dean, Division of Arts and Humanities

## The College

- Arts and Fine Arts (p. 73)
- Department of English (p. 74)
- Department of Liberal Studies (Education) (p. 82)
- Department of Music (p. 91)
- Department of Theatre Arts (p. 105)


## School for Professional Studies

- Early Childhood Program (p. 119)


## Graduate Programs

- Graduate Program in Education (p. 129)
- Teacher Advancement Program (p. 140)


## The College

Michael D. Wilson, Ph.D., Associate Provost and Dean of the College
The College offers undergraduate programs to traditional (residential and commuter) undergraduate students in classroom-based, on-line, and blended formats during a two-semester academic year and in Summer sessions. The College is committed to providing students with a broad education in the liberal arts-an objective requiring study in a variety of academic disciplines-and expertise in an academic major in the arts, communication, the humanities mathematics, the sciences, or the social sciences. This education supports Vanguard University's mission to pursue knowledge, cultivate character, deepen faith, and equip each student for a Spirit-empowered life of Christ-centered leadership and service. Emphasis is placed on the application of an academic discipline to an integrated Christian faith and life as it is lived in vocation, service, and graduate studies.

Academic majors housed in The College are listed below within their respective divisions. Academic majors typically have several options for minors, concentrations, and emphases. A petition for an academic minor, concentration, or emphasis must be filed with the Registrar's Office.

## Division of Arts, Education and Humanities

- English B.A with Integrated Teacher Education Program (ITEP) (p. 78)
- English B.A. (p. 79)
- Liberal Studies B.A. (p. 87)
- Liberal Studies B.A. Integrated Teacher Education Program (ITEP) (p. 89)
- Music B.A. (p. 99)
- Music B.A. with a Concentration in Worship Leadership (p. 100)
- Music B.M. (Pre-Teacher Certificate) (p. 102)
- Theatre Arts B.A. with a Concentration in Musical Theatre (p. 111)
- Theatre Arts B.A. with a Concentration in Stage and Screen Acting/ Directing (p. 114)
- Theatre Arts B.A. with a Concentration in Technical/Design (p. 116)


## Division of Business and Communication

- Accounting B.A. (p. 148)
- Business Administration B.A. (p. 150)
- Communication B.A. with a Concentration in Communication Studies (p. 160)
- Communication B.A. with a Concentration in Film and Visual Storytelling (p. 161)
- Communication B.A. with a Concentration in Health Communication (p. 163)
- Communication B.A. with a Concentration in Public Relations (p. 164)
- Communication B.A. with a Concentration in Technology and Emerging Media (p. 166)
- Marketing B.A. (p. 152)


## Division of Natural, Physical and Health Sciences

- Actuarial Science B.S. (p. 223)
- Biochemistry B.S. (p. 198)
- Biology B.S. (p. 184)
- Biology B.S. with a Concentration in Biomedical (p. 186)
- Biology B.S. with a Concentration in Biotechnology (teach-out) (p. 187)
- Biology B.S. with a Concentration in Neurobiology (p. 188)
- Biology B.S. with an Education Minor (VISTA) (p. 190)
- Biotechnology B.S. (https://catalog.vanguard.edu/stem/ undergraduate/biological-sciences/biotechnology/)
- Chemistry B.S. (p. 200)
- Chemistry B.S. with an Education Minor (VISTA) (p. 201)
- Computer Science B.S. (p. 224)
- Data Science B.S. (p. 226)
- Engineering Physics B.S. (p. 227)
- Environmental Sciences B.S. (p. 203)
- Kinesiology B.S. with a Concentration in Health and Human Performance (p. 210)
- Kinesiology B.S. with a Concentration in Pre-Health Professions (p. 211)
- Mathematics B.S. (p. 228)
- Mathematics B.S. with an Education Minor (VISTA) (p. 230)
- Nursing B.S.N. (Pre-Licensure) (p. 235)


## Division of Social and Behavioral Sciences

- History and Political Science B.A. (p. 262)
- History and Political Science ITEP B.A. (p. 260)
- Psychology B.A. (p. 268)
- Sociology B.A. (p. 277)


## Division of Theology

- Theology B.A. with a Concentration in Biblical Studies (p. 316)
- Theology B.A. with a Concentration in Christian Formation and Discipleship Studies (p. 317)
- Theology B.A. with a Concentration in General Christian Studies (p. 318)
- Theology B.A. with a Concentration in Intercultural Studies (p. 320)
- Theology B.A. with a Concentration in Pastoral Leadership Studies (p. 321)
- Theology B.A. with a Concentration in Youth Leadership (p. 323)


## Arts and Fine Arts

Arts, Fine Arts, and Humanities courses support Core Curriculum, Liberal Studies, and Honors Program requirements. Courses may not be offered every term. Questions, contact the Office of the Registrar (records.support@vanguard.edu).

## Requirements <br> Art Minor

Students in other academic majors can complete a minor in art. Courses in Special Topics in Art can be taken to complete the 20 credit requirement to fulfill the minor. A list of proposed courses must be filed with the minor application.

## Courses

Art Courses
ART-252 History \& Appreciation of Art 3 Credits
A survey of painting, sculpture, and architecture beginning with the Renaissance and concluding with Modern Art. Illustrated lectures, reading, and study of current exhibitions. Field trip fees may apply. (meets Humanities/Fine Arts requirement). (School for Professional Studies Course).
Terms Typically Offered: Spring.

## ART-252C Hist/Appreciation of Art 3 Credits

A survey of painting, sculpture, and architecture beginning with the Renaissance and concluding with Modern Art. Illustrated lectures, reading, and study of current exhibitions. Field trip fee.

## ART-256 Drawing and Rendering 2 Credits

Students will learn the basic artistic techniques involved in sketching, drawing and rendering. Training will include use of varied media, perspective and architectural rendering, as well as human anatomy.

## ART-275 Drawing \& Painting 3 Credits

Study, evaluation, and creative use of concepts and materials of drawing and painting. Emphasis on problems in using line, color, mass, value, and texture. Lab fee.

## ART-290 Art Practice 1 Credit

Practical workshops are primarily laboratory yet include illustration, demonstration, and lecture to support the techniques being applied by the student. The offerings are unique to the professor and may include drawing (with various media), watercolor, oil, and/or acrylic painting. Permission of the instructor required. May be repeated for credit to a limit of eight units.
ART-291 Special Topic in Art 1 Credit
Focus upon an artist, genre, technique, or artistic movement.

## ART-292 Special Topic in Art 2 Credits

Focus upon an artist, genre, technique, or artistic movement.

## ART-293 Special Topic in Art 3 Credits

Focus upon an artist, genre, technique, or artistic movement.

## ART-325 Techniques of Art 3 Credits

## ART-330 Art Techniques for Teachers 3 Credits

Art experiences for all grades. Understanding and creative use of materials, tools, ideas, and their sources as they apply to elementary education. Approximately one hour of lecture followed by two hours of laboratory projects. Lab fee.

ART-470 Special Topic: 3-6 Credits
ART-480 Individual Studies: 1-3 Credits
ART-490 Seminar: 1-3 Credits

## Fine Arts Courses

FINA-215C Intro to the Arts 3 Credits
A study of the stylistic character, interrelationship and cultural significance of music, painting, sculpture and architecture from antiquity to the present. A course fee covers the expense of field trips to art museums and concerts. Lab Fee.

## Humanities Courses

HUMA-201 Beg.American Sign Language I 3 Credits
A study of the fundamentals of American Sign Language through the development of vocabulary, grammar, and syntax. American Sign Language is a visual/gestural language used by the majority of the Deaf in the United States. Cultural aspects of the Deaf Community will also be introduced through the course.
HUMA-202 Beg.American Sign Language II 3 Credits
A continued study of the fundamentals of American Sign Language through the development of vocabulary, grammar, and syntax. American Sign Language is a visual/gestural language used by the majority of the Deaf in the United States. Cultural aspects of the Deaf Community will also be introduced through the course.
HUMA-220H Mapping the City and Civilization I 3 Credits
Using the city as a focal point, this course is the first course in a twocourse sequence that introduces the student to a variety of historical periods, art, and literature, and addresses diverse authors, sultures, and experiences. This multidisciplinary course offers a basic introduction to the tool sand concepts necessary to the understanding and interpretation of literature, history and art. Students engaged in multimedia projects, essays, presentations, and independent projects. For Honor students only.
Terms Typically Offered: Fall.

HUMA-221H Mapping the City and Civilization II 3 Credits Using the city as a focal point, this course is a second course in a twocourse sequence that introduces the student to a variety of historical periods, art, and literature, and addresses diverse authors, sultures, and experiences. This multidisciplinary course offers a basic introduction to the tool sand concepts necessary to the understanding and interpretation of literature, history and art. Students engaged in multimedia projects, essays, presentations, and independent projects. For Honor students only.
Prerequisite: HUMA-220H
Terms Typically Offered: Spring
HUMA-291 Special Topic in Humanities 1 Credit
Study of special topic focusing on culture, language, civilization or literature. May be repeated for credit.

HUMA-292 Special Topic in Humanities 2 Credits
Study of special topic focusing on culture, language, civilization or literature. May be repeated for credit.

HUMA-293 Special Topic in Humanities 3 Credits
Study of special topic focusing on culture, language, civilization or literature. May be repeated for credit.
HUMA-294 Special Topic in Humanities 4 Credits
Study of special topic focusing on culture, language, civilization or literature. May be repeated for credit.
HUMA-470 Special Topic: 1-3 Credits
HUMA-480 Ind St: 1-3 Credits
HUMA-490 Seminar. 1-3 Credits

## Department of English

Mission: The English Department facilitates the rigorous study of literature and writing through Christian perspectives on ethics, imagination, diversity, and truth; informed analysis of creative literature, and advanced strategies and techniques of written communication, rhetorical analysis, aesthetic appreciation, and literary theory. The English Department promotes spiritual development through the integration of faith and learning.

The English department offers the following degree options: a B.A. in English, a minor in English, a minor in Journalism and Digital Media, and an ITEP (Integrated Teacher Education Program) in English. English majors may choose one of two emphases within the major. literature and textual analysis or writing. The English curriculum also provides a single-subject matter program approved by the California Commission on Teacher Credentialing.

To major in English at Vanguard University is to enter a world in which students are presented with a colorful variety of curricular options: from the study of literature and its rich legacy of authors, genres and theory; to the practice and development of creative writing and journalism, and their many branches and forms. A degree in English, with its emphasis on the mastery of language, offers preparation for many careers.

## Program Learning Outcomes Program Student Learning Outcomes:

1. Literature and Textual Analysis: Demonstrate proficiency in the interpretation of literature and textual analysis through class discussions and writing projects (ILO 1, 2, 4)
2. Language, Culture, and Linguistics: Demonstrate cultural and structural knowledge of the English language (ILO 2, 5)
3. Composition and Rhetoric: Apply a variety of composing processes and rhetorical strategies to writing projects (ILO 3)
4. Communications: Evaluate, create, and participate in speech activities, dramatic performances, and technological media projects (ILO 3, 6)
5. Research Strategies: Demonstrate proficiency in advanced research strategies applied to writing papers, including the use of academic technology (ILO 4, 6)
6. Diversity: Demonstrate social awareness of diversity issues by interpreting, analyzing, and writing about various cultural perspectives in literature (ILO 1, 2, 5)
7. Integration of Faith and Learning: Integrate coursework with Christian faith by applying Christian perspectives to writing processes and the study of literature (ILO 1,5)

## Programs

Major:

- English B.A with Integrated Teacher Education Program (ITEP) (p. 78)
- English B.A. (p. 79)


## Minor:

- English Minor (p. 81)
- English Minor in Journalism and Digital Media (p. 81)


## Teaching Credential:

- English Subject Matter Preparation (Teaching Credential) (p. 82)


## Courses

NOTE: Some of the courses listed below may be applicable to general education requirements within the Professional Studies/Non-Traditional Education program (e.g. ENGL-220 Researched Writing). Questions, contact the Department of English or the Registrar's Office.

## English Courses

ENGL-115 Foundations for College Writing II 3 Credits
Exposition and argument at the college level. The course emphasizes academic writing conventions through the writing process, mechanics, revising and editing, with a specific emphasis on critical thinking and logical argumentation. Course must be passed with a "C" or better to enroll in ENGL-220 (meets English Composition requirement). (School for Professional Studies Course).

ENGL-120C Persuasive Writing 3 Credits
Exposition and argument at the college level. The course emphasizes writing, revising and editing, reading, research skills, and mechanics. Course must be passed with a "C" (not "C-") or better to enroll in ENGL-220C. Some students may be placed in supplementary writing lab (ENGL-120CL) to support their transition from high school to college-level writing. Students with an Evidence-Based Reading and Writing SAT score of 610 or higher or an ACT score of 25 or higher may place out of this course into ENGL-220C.

## ENGL-120CL Persuasive Writing Lab 1 Credit

This one unit is designed to support students enrolled in ENGL-120C as they transition from high school to college-level writing. The lab provides a space for students to engage with the foundational concepts introduced in ENGL-120C, such as developing a writing process, understanding rhetorical situations, and crafting sound arguments, all within a small-group, workshop setting.
Co-Requisite: ENGL-120C

## ENGL-220 Researched Writing 3 Credits

Interpretive and analytic writing, including several problem-solving research-based essays investigating topics related to class themes. The course emphasizes writing, revising and editing, reading, analytical skills, and computer technology (word processing, Internet research) and reinforces those skills learned in ENGL-115. Must be passed with a "C" or better to fulfill the core curriculum requirement. (meets English Composition requirement)
Prerequisite: ENGL-120C.

## ENGL-220C Researched Writing 3 Credits

Interpretive and analytic writing, including several problem-solving research-based papers investigating topics related to class themes. The course emphasizes writing, revising and editing, reading, analytical skills, and computer technology (word processing, Internet research) and reinforces those skills learned in ENGL-120C. Taught in the computer lab. Must be passed with a "C" (not "C-") or better to fulfill the core curriculum requirement. Students may receive credit for ENGL-220C by taking research and writing courses offered by departments other than English that meet standards set and approved by the Core Curriculum Committee. Prerequisite: ENGL-120C

## ENGL-230 Literary Perspectives 3 Credits

Introduces the student to a variety of literary genres as well as diverse authors, cultures, and experiences. This course also covers the tools and concepts necessary to the understanding and interpretation of literature. Students engage in classroom discussion, write papers, and take a variety of quizzes and exams. (meets Humanities/Literature/Fine Arts requirement). (School for Professional Studies Course).

## ENGL-230C Literature and the Human Experience 3 Credits

Introduces the student to a variety of literary genres as well as diverse authors, cultures, and experiences. This course also covers the tools and concepts necessary to the understanding and interpretation of literature. Students engage in classroom discussion, write papers, and take a variety of quizzes and exams. This course is designed for nonEnglish majors and is not to be taken by English majors as a substitute for ENGL-240C. (This course was previously titled "Literary Perspectives") Prerequisite: ENGL-120C

ENGL-235 Introduction to Journalism 3 Credits
Fundamentals of news reporting, including interviewing, quoting, paraphrasing, inverted triangle, and sourcing stories. Students are introduced to multiple journalism genres, including: news stories, opinions, features, profiles, and reviews.
Prerequisite: ENGL-120C
Terms Typically Offered: Fall and Spring.

## ENGL-240C Foundations/Literary Study 3 Credits

Introductory course for the English major covering the tools and concepts necessary to the understanding and interpretation of literature. This course is a prerequisite for all upper division courses in English and must be taken prior to or concurrent with the other courses in the major. All English majors are required to take ENGL-240C as a substitution for ENGL-230C the core curriculum requirement in literature.

## ENGL-260 Monsters and Maidens: British Lit 17853 Credits

A historical survey of English prose, poetry, and drama, from Beowulf to the Neo-Classic period. This course involves classroom discussion, quizzes, texts, papers, and group presentations using computer aided support and other graphics to illustrate results of library research on each group's assigned author or topic. (Formerly Survey of British Literature I) Prerequisite: Take ENGL-120C;
Terms Typically Offered: Fall.
ENGL-262 Romanticism/Resistance: British Lit 17853 Credits A historical survey of English prose, poetry, and drama, from the Romantic period to the present. This course involves classroom discussion, quizzes, texts, papers, and group presentations using computer aided support and other graphics to illustrate results of library research on each group's assigned author or topic. Non-English majors may receive credit for ENGL-230C by taking this course as a substitute.
(Formerly Survey of British Literature II)
Prerequisite: Take ENGL-120C;
Terms Typically Offered: Spring.
ENGL-309 Awakenings: Voices in American Lit 3 Credits
A historical survey of American prose, poetry and drama from the Puritans to the present. This course features tests that speak to the many ways that its characters awaken to the benefits and constraints associated with the new world. This course involves classroom discussion, quizzes, tests, papers and presentations, and it fulfills the departmental requirement for American Literature.
Terms Typically Offered: Fall.

## ENGL-315 Teaching English/MItrcltrl Set 3 Credits

Students seeking to complete the subject matter program in English must take this class as part of that program to ensure that they are integrating literary content with their pedagogical experience. This course provides the philosophical background and classroom experience necessary to introduce a person to the teaching profession in a public or private school in a multicultural environment. The purpose of the class is to assist the student to gain an understanding of the resources and challenges facing a teacher serving a linguistically and culturally diverse student population. Discussion will focus on the major professional organizations and educational research related to the philosophical, historical, and demographic developments of American education. Students will complete a 30 hour field work component to observe classroom management and organization, Specially Designed Academic Instruction Delivered in English (SDAIE) instructional practices, and the curricula of grades $\mathrm{K}-12$. The role and function of Christian beliefs and values in the public school will be integrated throughout the course. This course is a prerequisite requirement for the Multiple and Single Subject Credential programs. Lab fee.
Terms Typically Offered: Fall and Spring.

## ENGL-319 Publications: Newspaper 1-3 Credits

Members of the class constitute the editorial staff of the college newspaper. Class meets weekly for critique on news reporting, writing, editing, makeup, and production of the campus newspaper. May be repeated for a maximum of six units.
Prerequisite: ENGL-235
Terms Typically Offered: Fall and Spring.

## ENGL-325 Period Focus: 3 Credits

The study of the literary output of a particular period. The period will vary according to the instructor, but the class might cover the literature of Romanticism, Modernism, the Medieval period, the Eighteenth Century, or the Latin American Boom. May be repeated for credit.

## ENGL-335 Genre Focus: 3 Credits

The study of the development and variations of a particular literary form. The genre will vary according to the instructor, but the class might cover the novel, short story, poetry, or autobiography. May be repeated for credit.

## ENGL-336 Theopoetics 3 Credits

Theopoetics can be defined as "the study and practice of making God known through text" (keef-Perry, 579). This course will explore how artists have attempted to "make God known" throughout a broad range of writing in English. Although poets do not write theology, they do use language to describe how theology and theological experience is understood by the individual in his or her own unique cultural context. The focus of this class will be upon shorter, lyric works, the drama, and short story. NonEnglish majors may receive credit for ENGL-230C by taking this course as a substitute.
Prerequisite: ENGL-120

## ENGL-340 Children's Literature 3 Credits

Reading and evaluating literature written especially for children and young adults. Includes a historical as well as a genre approach. (School for Professional Studies Course).
Prerequisite: ENGL-220C
Terms Typically Offered: Spring.

## ENGL-350 Creative Writing 3 Credits

This course serves as a foundation for creative writing, introducing the student to the three primary genres that make up that world - poetry, fiction, and drama. Students will study/review the fundamentals and theory specific to each genre; read and analyze professional poems, stories, and plays; read and critique each other's work; and most
Prerequisite: ENGL-220C
Terms Typically Offered: .

## ENGL-360 Dramatic Lit: Script Analysis 3 Credits

This course is cross-listed with THEA-360. This course introduces the student to history's most influential stage, which gives the student skills with which to analyze critically the script in order to understand the work of each playwright. Lab fee.
Terms Typically Offered: Spring.

## ENGL-375 The Art of the Memoir 3 Credits

This advanced composition course is designed to acquaint students with a wide range of classical and contemporary strategies for writing purposeful and persuasive prose. It also equips students with options for personal narration and reflection to create a storyline out of life experience. Students cast themselves as compelling characters through concrete exercises and studies in successful memoir models of craft and form.
Prerequisite: ENGL-220C
Terms Typically Offered: Spring.

## ENGL-384 Digital Storytelling 3 Credits

This class explores the interactivity and narrative of digital media through the creation of audio and video projects. Students will learn to think creatively about digital storytelling and the class will offer hands-on experiences in video and podcast production. May be repeated one time for credit.
Prerequisite: ENGL-120C
Terms Typically Offered: On Demand.

## ENGL-424 American Diversity 3 Credits

Students will gain exposure to historically marginalized groups in America by studying fiction and nonfiction traditionally overlooked in the American literature canon. Students will examine how systems of power and privilege operate in the United States and gain a critical understanding of human dignity in our diverse contemporary society. Prerequisite: ENGL-120C
Terms Typically Offered: Fall.

## ENGL-425 Author Focus 3 Credits

The intensive study of the literary achievement of a single author. Content will vary according to instructor, but might include Margaret Atwood, Jorge Luis Borges, William Faulkner, James Joyce, C. S. Lewis, Clarice Lispector, John Milton, Toni Morrison, J. R. R. Tolkien, or Mark Twain. May be repeated for credit.
Terms Typically Offered: Fall and Spring.

## ENGL-428 Travel Writing 3 Credits

This course is designed to introduce the creative writer to the genre of travel writing. Students will develop and apply critical vocabulary through in-class discussion and critique, and submit at least one piece of writing
for professional publication.
Prerequisite: ENGL-220C
Terms Typically Offered: Spring.

## ENGL-433 Global Voices: World Literature 3 Credits

An examination of the contours of international literature, including classical Western mythology plus European, African, Asian, and Latin American literature from antiquity up to the present. This course fulfills the departmental requirement for world literature. Non-English majors may receive credit for ENGL-230C by taking this course as a substitute. Terms Typically Offered: Fall.

## ENGL-437 Advanced Journalism 3 Credits

Students hone their reporting and newswriting skills, including interviewing, researching public records, fact-checking and covering spot news, speeches, court cases, public meetings, and other hard news. This class includes numerous in-class and out-of-classroom reporting and writing assignments.
Prerequisite: Take ENGL-235
Terms Typically Offered: Spring.

## ENGL-438 Creative Writing Workshop 3 Credits

The theory and practice of writing a particular literary genre. Genre will vary according to the instructor, but might include screenwriting, poetry, or the short story. May be repeated for credit.
Prerequisite: ENGL-220C
Terms Typically Offered: Spring.
ENGL-442 Playwriting 3 Credits
Development of scriptwriting techniques as applied to stage and film. The student will be required to develop and write a one-act stage. Lab Fee.
This course is cross-listed with THEA-442.
Prerequisite: ENGL-220C
Terms Typically Offered: Spring.
ENGL-443 Creative Nonfiction 3 Credits
This is a course for writers who have a committed interest in creative non-fiction, such as personal essay, literary journalism, science writing, memoir, and other non-fiction genres, and are comfortable writing longer works of prose. Students will work cooperatively to share and improve each other's work in a workshop setting.
Prerequisite: ENGL-220C
Terms Typically Offered: Fall.
ENGL-450 Internship: Teaching English 1-3 Credits
The student selects and attends the sessions of ENGL-120C, ENGL-220C, or ENGL-230C course; meets with the instructor to prepare for class sessions; teaches a few sessions; discusses in retrospect the conduct of the class; agrees upon criteria for grading papers and other evaluation of students. May be repeated for a maximum of six units with a different instructor or a different course. Open to students with senior class standing and with a GPA of 3.0 or higher.
Prerequisite: ENGL-240C

## ENGL-451 Internship: Writing 1-3 Credits

Actual work experience in a business firm, academic program, publishing industry, or other professional setting as a writer, providing an opportunity for the practical application of student writing, editing, or multimedia skills under direct supervision. Reports to the supervising professor are required. Students are required to work thirty hours for each academic unit hour received. May be repeated to a maximum of six units. Course is open to students with Sophomore, Junior, or Senior class standing and with a GPA of 3.0 or higher.
Prerequisite: ENGL-240C

ENGL-453 Language, Culture, and Linguistics 3 Credits
This course is cross listed with ANTH-453. This course surveys the acquisition and use of language within a cultural context. It examines the relationship of language to culture, language acquisition, and language analysis or linguistics, emphasizing the utility of such knowledge for educators. Stress is given to understanding language's reciprocal relation with culture, the nature of language systems, and linguistic analysis to enable educators a better comprehension of second language acquisition within learning environments.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: Fall and Spring.

## ENGL-455 Shakespeare Through the Ages 3 Credits

An in-depth survey of Shakespeare's major works within the historical and cultural context of the Renaissance. This investigation of his oeuvre includes the close reading of tragedies, comedies, romances and history plays with an eye towards the ways in which he revolutionized genre. This course involves class discussion, quizzes, texts, papers and performance, and it fulfills the departmental required for Shakespeare. This course is cross-listed with THEA-455.
Terms Typically Offered: Fall.

## ENGL-458 Digital Writing and Design 3 Credits

In this course, students will prepare for the types of digital writing and design required in today's job market and learn to use digital tools to write for diverse audiences on various platforms. Students will produce resumes, personal websites, and online portfolios to showcase their academic and professional experiences, and they will collaborate on contemporary professional writing projects such as social media campaigns, content marketing, and visual data creation.
Terms Typically Offered: Fall.

## ENGL-460 Digital Writing and Design 3 Credits

In this course, students will prepare for the types of digital writing and design required in today's job market and learn to use digital tools to write for diverse audiences on various platforms. Students will produce resumes, personal websites, and online portfolios to showcase their academic and professional experiences, and they will collaborate on contemporary professional writing projects such as social media campaigns, content marketing, and visual data creation.
Prerequisite: ENGL-220C
Terms Typically Offered: Fall.

## ENGL-464 Thematic Focus 3 Credits

The in-depth comparative study of a particular literary theme or topic from several perspectives. Texts may be chosen from a variety of genres including prose, poetry, drama, and theory; they may also come from differing cultures and periods. Content will vary according to instructor but might include Christianity, translation studies, deconstruction, or feminist thought.
Terms Typically Offered: Fall and Spring.

## ENGL-465 Becoming a Reader. Theory/Crit of Lit 3 Credits

A historical survey of literary theory from the time of Plato to the contemporary era. Various writing projects are designed to assist students in their development as scholarly researchers. This course fulfills the departmental requirement for literary theory.
Terms Typically Offered: Spring.
ENGL-470 Special Topic: 1-3 Credits
Study of a special topic, focusing upon a literary period, genre, and/or author(s). May be repeated for credit.

ENGL-472 Media Ethics 3 Credits
Students will study the role of journalism in a democratic society and develop an understanding of ethical questions faced by journalists. Topics will include: freedom of the press, ethics, law and public policy, global media, and alternative journalism.
Terms Typically Offered: Spring.
ENGL-480 Individual Studies: 1-3 Credits
Prerequisite: ENGL-220C
ENGL-499C Synecdoche: Capstone 3 Credits
This course is designed to serve as a rite of passage for graduating seniors through their service as the editorial board for Synecdoche, the English department's literary journal, and the submission of a portfolio of the student's four years of work as an English major. This course fulfills the Core Curriculum Capstone requirement for English majors.
Terms Typically Offered: Spring.

## English B.A with Integrated Teacher Education Program (ITEP) <br> Requirements

The English Integrated Teacher Education Program (ITEP) is specifically designed for undergraduates who have decided relatively early (no later than Spring semester of their Sophomore year) to pursue a Middle or High School teaching career. The program grants undergraduate students with the opportunity to earn both their B.A. in English and a preliminary Single Subject Teaching Credential within four years of coursework. The final two semesters are completed through the VU Graduate Program in Education. Application process is required. Contact the English Department for more information.

| Code | Title |  | Units |
| :---: | :---: | :---: | :---: |
| Core Curriculum Requirements (p.62) ${ }^{1}$ |  |  | 46 |
| Englis | e Requirements (p. | ) | 54-56 |
| Integrated Teacher Education Program Requirements |  |  | 36 |
| Total Units |  |  | 6-138 |

## English Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| ENGL-240C | Foundations/Literary Study | 3 |
| ENGL-260 | Monsters and Maidens: British Lit 1785 | 3 |
| ENGL-262 | Romanticism/Resistance: British Lit 1785 | 3 |
| ENGL-309 | Awakenings: Voices in American Lit | 3 |
| ENGL-315 | Teaching English/Mltrcltrl Set | 3 |
| ENGL-340 | Children's Literature | 3 |
| ENGL-350 | Creative Writing | 3 |
| ENGL-375 | The Art of the Memoir | 3 |
| ENGL-424 | American Diversity | 3 |
| ENGL-433 | Global Voices: World Literature | 3 |
| ENGL-453 | Language, Culture, and Linguistics | 3 |
| ENGL-455 | Shakespeare Through the Ages | 3 |
| ENGL-460 | Digital Writing and Design | 3 |
| ENGL-465 | Becoming a Reader. Theory/Crit of Lit | 3 |


| ENGL-499C Synecdoche: Capstone | 3 |  |
| :--- | ---: | ---: |
| English Elective | 3 |  |
| Foreign Language (2 semesters of the same foreign language) | 2 | $6-8$ |
| Total Units | $\mathbf{5 4 - 5 6}$ |  |

## Integrated Teacher Education Program Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Requirements: |  | 3 |
| MATH-265C | Intro to Statistical Methods | 3 |
| POLS-155C | American Democracy ${ }^{3}$ | 3 |
| ANTH-453 | Language,Culture/Linguistics |  |
| Credentialing Coursework: | 2 |  |
| EDUC-424 | Foundations in Teaching for Single Subject | 4 |
| EDUC-426 | Instructional Design and Subject Specific | 4 |
| EDUC-434 | Pedagogy for Single Subject | 2 |
| EDUC-435 | Surriculum Unit Planning for Single Subject | 4 |
| EDUC-442 | CalTPA Cycle 1 | 0.5 |
| EDUC-443 | CalTPA Cycle 2 | 0.5 |
| EDUC-444 | Language Acquisition for Secondary Students | 1 |
| EDUC-447 | Metacognition/Reading Strategies for Secondary | 1 |
| EDUC-452 | Students | Literacy in Content Areas for Secondary Students |, 1

Number of units required from the Core Curriculum not included in the major requirements below.

Students who pass two years of high school foreign language coursework with a grade of C - or higher are exempt from the foreign language requirement. In the absence of this coursework and grade, students will be required to take 6-8 units of the same language, while enrolled at Vanguard University.
3
POLS-155C American Democracy is both a CTC Credential requirement and fulfills a CORE Curriculum requirement.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related
to courses listed in a particular year and term. Questions, contact the Department of English.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official for more information regarding how benefits can be applied.

The following plan is for students beginning in even numbered years (e.g., 2022 or 2024).

NOTE: Students who did not complete 2 years of a foreign language in high school with a "C-" or higher will need to complete two semesters of the same foreign language off-campus (VU does not currently offer foreign languages), but while enrolled at VU. Those 6-8 credits are not included in this four year plan but should be taken in the second year.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| POLS-155C | American Democracy | 3 |
| NT-101C | New Testament Survey | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| ENGL-240C | Foundations/Literary Study | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | $\mathbf{1 6}$ |


| Year 1 Term $\mathbf{2}$ |  | 3 |
| :--- | :--- | ---: |
| ENGL-340 | Children's Literature | 3 |
| BIOL-100C | Fundamentals of Biology for Non-Majors | $\mathbf{1}$ |
| BIOL-100CL | Fundamentals/Biology for Non-Majors Lab | 3 |
| ENGL-458 | Digital Writing and Design | 3 |
| THEO-101C | Foundations of Christian Life | $\mathbf{3}$ |
| COMM-201C | Speech Composition and Presentation | $\mathbf{1 6}$ |


| Year 2 Term 1 |  |  |
| :--- | :--- | ---: |
| ENGL-260 | Monsters and Maidens: British Lit 1785 | 3 |
| ENGL-424 | American Diversity | 3 |
| ENGL-220C | Researched Writing | 3 |
| ENGL-350 | Creative Writing | 3 |
| ANTH-102C | Intro to Cultural Anthropology | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | $\mathbf{3}$ |
|  | Units | $\mathbf{1 8}$ |


| Year $\mathbf{2}$ Term $\mathbf{2}$ |  |  |
| :--- | :--- | ---: |
| ENGL-262 | Romanticism/Resistance: British Lit 1785 | 3 |
| ENGL-453 | Language, Culture, and Linguistics | 3 |
| ENGL-375 | The Art of the Memoir | 3 |
| OT-201C | Old Testament Survey | 3 |
| MATH-PLCR | Math Core Requirement | $\mathbf{3}$ |
|  | Units | $\mathbf{1 5}$ |


| Year $\mathbf{3}$ Term 1 |  | 3 |
| :--- | :--- | ---: |
| ENGL-309 | Awakenings: Voices in American Lit | 3 |
| ENGL-260 | Monsters and Maidens: British Lit 1785 | 3 |
| ENGL-315 | Teaching English/Mltrcltrl Set | 3 |
| ENGL-455 | Shakespeare Through the Ages | $\mathbf{3}$ |
| THEO-300C | Developing a Christian World View | $\mathbf{1 5}$ |


| Year 3 Term $\mathbf{2}$ |  | 3 |
| :--- | :--- | ---: |
| PSYC-103C | Introduction to Psychology | 3 |
| ENGL-433 | Global Voices: World Literature | 3 |
| ENGL-465 | Becoming a Reader. Theory/Crit of Lit | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| CHIS-400C | Christian Heritage | $\mathbf{1 5}$ |



| Year $\mathbf{4}$ Term 2 |  |  |
| :--- | :--- | ---: |
| EDUC-434 | Curriculum Unit Planning for Single Subject | 2 |
| EDUC-488 | Clinical Practice Seminar for Single Subject | 2 |
| EDUC-489 | Clinical Practice Fieldwork for Single | 8 |
|  | Subject | 0.5 |
| EDUC-443 | CalTPA Cycle 2 | 3 |
|  | Synecdoche: Capstone | $\mathbf{1 5 . 5}$ |
|  | Units | $\mathbf{1 2 5}$ |

## English B.A.

## Requirements

| Code Title | Units |
| :--- | ---: |
| Core Curriculum Requirements (p. 62) | 52 |
| Major Core Requirements | $36-38$ |
| Emphasis | 12 |
| Literature and Textual Analysis Emphasis (p. 80) |  |
| Writing Emphasis (p. 80) |  |
| Single Subject Teaching Requirements (p. 80) |  |
| Generalist (p. 80) |  |


| Electives | 24 |
| :--- | ---: |
| Total Units | $124-126$ |

# English Major Core Requirements 

| Code | Title | Units |
| :--- | :--- | ---: |
| Core Requirements |  |  |
| ENGL-240C | Foundations/Literary Study | 3 |
| ENGL-260 | Monsters and Maidens: British Lit 1785 | 3 |
| ENGL-262 | Romanticism/Resistance: British Lit 1785 | 3 |
| ENGL-309 | Awakenings: Voices in American Lit | 3 |
| ENGL-375 | The Art of the Memoir | 3 |
| ENGL-433 | Global Voices: World Literature | 3 |
| ENGL-455 | Shakespeare Through the Ages | 3 |
| ENGL-460 | Digital Writing and Design | 3 |
| ENGL-465 | Becoming a Reader: Theory/Crit of Lit | 3 |
| ENGL-499C | Synecdoche: Capstone | 3 |
| Foreign Language | (2 semesters of the same foreign language) | 2 |

Total Units 36-38

## 1

Number of units required from the Core Curriculum not included in the major requirements below.

## 2

Students who pass two years of high school foreign language coursework with a grade of C - or higher are exempt from the foreign language requirement. In the absence of this coursework and grade, students will be required to take 6-8 units of the same language, while enrolled at Vanguard University.

In addition to the English Major Core Requirements, each student is required to take 12 additional units of upper division courses to be chosen from the English Department curriculum, according to the generalist requirements or one of the two emphases within the major.

## Literature and Textual Analysis Emphasis

This emphasis introduces the aspiring literary scholar to the study of literature in different historical and cultural contexts from American and British literatures to literatures in English from all over the world. Focused electives allow students to study topics of interest more narrowly, including courses in J.R.R. Tolkien and C.S. Lewis, Theopoetics, and the Victorian novel. The ability to read critically and assess how communication is accomplished in a text prepares students for many diverse careers from teaching to law.

| Code | Title | Units |
| :--- | :--- | ---: |
| Literature and Textual Analysis Emphasis Requirements |  |  |
| Select twelve units from the following courses: | 12 |  |
| ENGL-325 | Period Focus: |  |
| ENGL-335 | Genre Focus: |  |
| ENGL-340 | Children's Literature |  |
| ENGL-360 | Dramatic Lit: Script Analysis |  |
| ENGL-425 | Author Focus |  |

## Writing Emphasis Requirements

The Writing Emphasis is robust and multi-faceted, offering opportunities to explore, practice and finetune creative work in multiple genres. The emphasis begins with ENGL-350 Creative Writing, an introductory course that focuses on fiction, poetry and drama. Students are then free to delve into the many specific course offerings, including The Short Story, Creative Nonfiction, Playwriting, Travel Writing, and a plethora of journalism courses, including hands on experience working and writing for The Vanguard Voice, Vanguard University's student newspaper.

| Code  <br> Writing Emphasis Requirements | Units |  |
| :--- | :--- | ---: |
| Select twelve units from the following courses: |  |  |
| ENGL-235 | Introduction to Journalism |  |
| ENGL/ | Publications: Newspaper |  |
| COMM-319 |  |  |
| ENGL-350 | Creative Writing |  |
| ENGL-428 | Travel Writing |  |
| ENGL-437 | Advanced Journalism |  |
| ENGL-438 | Creative Writing Workshop |  |
| ENGL-442 | Playwriting |  |
| ENGL-443 | Creative Nonfiction | $\mathbf{1 2}$ |
| ENGL-451 | Internship: Writing | Language, Culture, and Linguistics |
| ENGL-453 |  |  |
| Total Units |  |  |

## Single Subject Teaching Requirements

Building on the common courses and seminars, these students are also required take ENGL-315 Teaching English/Mltrcltrl Set andENGL-453 Language, Culture, and Linguistics. Students should choose nine upperdivision units of an emphasis from the English curriculum according to the California Teaching Commission (https://www.ctc.ca.gov/) (CTC) approved subject matter program, available in the English Department.

## Generalist Requirements

Beyond the common courses and seminars, the student should choose twelve units from the English curriculum according to his/her interests. Consultation with one's academic advisor is recommended.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related
to courses listed in a particular year and term. Questions, contact the Department of English.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

The following plan is for students beginning in even numbered years (e.g., 2022 or 2024).

NOTE: Students who did not complete 2 years of a foreign language in high school with a "C-" or higher will need to complete two semesters of the same foreign language off-campus (VU does not currently offer foreign languages), but while enrolled at VU. Those 6-8 credits are not included in this four year plan but should be taken in the second year.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| ENGL-120C | Persuasive Writing | 3 |
| ENGL-240C | Foundations/Literary Study | 3 |
| THEO-PLHD | Theology Core Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | $\mathbf{1 6}$ |
| Year 1 Term 2 |  |  |
| MATH-PLCR | Math Core Requirement | 3 |
| HSPS-PLCR | History/Political Sci Core Requirement | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| NT-101C | New Testament Survey | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 2 Term 1 |  |  |
| :--- | :--- | ---: |
| ENGL-220C | Researched Writing | 3 |
| ENGL-260 | Monsters and Maidens: British Lit 1785 | 3 |
| OT-201C | Old Testament Survey | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | $\mathbf{3}$ |
|  | Units | $\mathbf{1 2}$ |


| Year $\mathbf{2}$ Term 2 |  |  |
| :--- | :--- | ---: |
| ENGL-262 | Romanticism/Resistance: British Lit 1785 | 3 |
| ENGL-375 | The Art of the Memoir | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| NSCI-PLCR | Science Lec/Lab Requirement | $\mathbf{4}$ |
|  | Units | $\mathbf{1 3}$ |


| Year 3 Term 1 |  | 3 |
| :--- | :--- | :--- |
| ENGL-309 | Awakenings: Voices in American Lit | 3 |
| ENGL-460 | Digital Writing and Design |  |


| ENGL-455 | Shakespeare Through the Ages | 3 |
| :--- | :--- | ---: |
| THEO-300C | Developing a Christian World View | 3 |
| ENGL-PLUD3 | English Upper Division Electiv | 3 |
|  | Units | $\mathbf{1 5}$ |
| Year 3 Term 2 |  | 3 |
| ENGL-465 | Becoming a Reader. Theory/Crit of Lit | 3 |
| ENGL-433 | Global Voices: World Literature | 3 |
| ELCT-PLHD6 | Electives 6 Units | 6 |
| ENGL-PLUD3 | English Upper Division Electiv | $\mathbf{3}$ |
|  | Units | $\mathbf{1 5}$ |
| Year 4 Term 1 |  | 3 |
| CHIS-400C | Christian Heritage | 3 |
| ENGL-PLUD3 | English Upper Division Electiv | 3 |
| ELCT-PLUD3 | Upper Division General Elective 3 Units | 6 |
| ELCT-PLHD6 | Electives 6 Units | $\mathbf{1 5}$ |
|  | Units | $\mathbf{3}$ |
| Year 4 Term 2 |  | 3 |
| ENGL-499C | Synecdoche: Capstone | $\mathbf{3}$ |
| ENGL-PLUD3 | English Upper Division Electiv | $\mathbf{6}$ |
| ELCT-PLUD3 | Upper Division General Elective 3 Units | $\mathbf{1 1 6}$ |
| ELCT-PLHD6 | Electives 6 Units |  |
|  | Units | Total Units |

## English Minor

## Requirements

The minor in English consists of 21 units in English. Students may freely choose among the many course offerings to meet the minor requirements. (ENGL-230C: Literature and the Human Experience counts towards the 21 units; however, ENGL-120C and ENGL-220C do not.) Given its emphasis on close reading, critical thinking, and rhetorical, interpretive and creative prose, the English minor serves as excellent support for majors in the Humanities, Social Sciences, Fine Arts, Theology, and any other concentration of study.

## English Minor in Journalism and Digital Media <br> Requirements

In an increasingly digital world, students with skills in media production and writing for online contexts will be prepared to work in a variety of industries. The Journalism and Digital Media minor provides students with fundamental journalism training, while also equipping them to create in multimodal environments, including audio and visual production and social media platforms. Courses in this program include Digital Writing and Design, Media Ethics, and electives in photography, marketing, and film.

| Code | Title | Units |
| :--- | :--- | ---: |
| ENGL-235 | Introduction to Journalism | 3 |
| ENGL/COMM-319 | Publications: Newspaper | $1-3$ |


| ENGL-437 | Advanced Journalism | 3 |
| :--- | :--- | ---: |
| ENGL-460 | Digital Writing and Design | 3 |
| ENGL-472 | Media Ethics | 3 |
| Electives |  | $6-9$ |
| Select 6-9 units from the following: |  |  |
| COMM-220 | Elements of Storytelling |  |
| COMM-222 | Photography |  |
| COMM-229 | Intermediate Filmmaking Production |  |
| COMM-470 | Special Topic: |  |
| ENGL/COMM-3. Digital Storytelling |  |  |
| ENGL-428 | Travel Writing |  |
| ENGL-451 | Internship: Writing | $\mathbf{3 2 - 2 7}$ |
| ENGL-453 | Language, Culture, and Linguistics |  |
| Total Units |  |  |

## English Subject Matter Preparation (Teaching Credential) <br> Requirements

The English program that is outlined below incorporates content specific courses to meet the California Commission on Teaching Credential (https://www.ctc.ca.gov/) (CTC) requirements for single subject matter in English.

| Code | Title | Units |
| :---: | :---: | :---: |
| Special Core Curriculum Requirements |  |  |
| ENGL-120C | Persuasive Writing | 3 |
| ENGL-220C | Researched Writing | 3 |
| POLS-155C | American Democracy | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| English Major Requirements |  |  |
| ENGL-240C | Foundations/Literary Study | 3 |
| ENGL-260 | Monsters and Maidens: British Lit 1785 | 3 |
| ENGL-262 | Romanticism/Resistance: British Lit 1785 | 3 |
| ENGL-309 | Awakenings: Voices in American Lit | 3 |
| ENGL-315 | Teaching English/Mltrcltrl Set | 3 |
| ENGL-375 | The Art of the Memoir | 3 |
| ENGL-433 | Global Voices: World Literature | 3 |
| ENGL-453 | Language, Culture, and Linguistics | 3 |
| ENGL-455 | Shakespeare Through the Ages | 3 |
| ENGL-465 | Becoming a Reader. Theory/Crit of Lit | 3 |
| ENGL-499C | Synecdoche: Capstone | 3 |
| Foreign Language (2 semesters of the same foreign language) |  | 6-8 |
| Select three classes in the domain of literature \& textual analysis or Composition and Rhetoric: |  | 9 |
| Literature \& Textual Analysis: |  |  |
| ENGL-325 | Period Focus: |  |
| ENGL-336 | Theopoetics |  |
| ENGL-335 | Genre Focus: |  |
| ENGL-340 | Children's Literature |  |


| ENGL-360 | Dramatic Lit: Script Analysis |
| :--- | :--- |
| ENGL-425 | Author Focus |
| ENGL-464 | Thematic Focus |
| Composition | and Rhetoric: |
| ENGL-235 | Introduction to Journalism |
| ENGL-350 | Creative Writing |
| ENGL-428 | Travel Writing |
| ENGL-437 | Advanced Journalism |
| ENGL-438 | Creative Writing Workshop |
| ENGL-442 | Playwriting |
| ENGL-443 | Creative Nonfiction |
| ENGL-451 | Internship: Writing |
| ENGL-460 | Digital Writing and Design |
| ENGL-472 | Media Ethics |

Total Units
60-62

## Department of Liberal Studies (Education)

Mission: The mission of the Department of Liberal Studies is to provide undergraduate students with a broad liberal arts education within the context of a Christian worldview in a multicultural setting. The Liberal Studies major is designed to challenge students to integrate different academic disciplines and to bring about wholeness of the mind, emotions, and character.

The Liberal Studies major provides students with a broad selection of courses in core subject areas. It is the university-approved academic program for students seeking preparation to become an elementary school teacher. This California Commission on Teacher Credentialing (CTC) approved program ensures that students' coursework completion satisfies the subject matter requirement necessary to earn a California Multiple Subject Teaching Credential.

Although Liberal Studies is the ideal choice for students who desire to become an elementary school teacher, the major is also an excellent choice for considering graduate school. Students who also may consider the major are those planning to enter careers in law, government, library service, natural science, or public service.

## Multiple Subject Matter Program

The Multiple Subject Matter Program allows students to complete subject matter competence through undergraduate coursework, in preparation for pursuing a teaching credential. Vanguard students who major in Liberal Studies and complete the required coursework do not need to provide CSET scores for Multiple Subject Credential Programs in the state of California effective May 2018. See CTC Approval Here (https://www.ctc.ca.gov/commission/reports/data/ approved-institutions-and-programs/). The program has been approved by the California Commission on Teacher Credentialing (CTC) for those seeking a California Multiple Subject Teaching Credential (Students should refer to the VU Graduate Program in Education for specific information about completing a teaching credential).

## Single Subject Matter Programs

The Single Subject Matter Programs allow students to complete their subject matter competence through undergraduate coursework, in preparation for pursuing a teaching credential. Students interested in obtaining a teaching credential after completion of a bachelor's degree should speak to an academic advisor to be placed on the teaching track or emphasis within their degree program. Currently, Vanguard has single subject matter programs in English, Mathematics, and Music. The Single Subject Matter Program has the approval of the California Commission on Teacher Credentialing (CTC) for students seeking a California Single Subject Teaching Credential in a specific subject area. (Students should refer to the VU Graduate Program in Education for specific information about completing a teaching credential.) More information about each of the required courses needed to complete the single subject programs can be found within each respective department.

## Program Learning Outcomes Student Learning Outcomes

1. Students will articulate their mission as a teacher in the context of their Christian faith through written and verbal modes of expression including reflective essays, a Christian faith integration paper, and class discussions.
2. Students will demonstrate understanding of the various philosophies of education and be able to articulate their own personal philosophies in integrative papers and class discussions.
3. Students will apply their knowledge of cultural diversity through fieldwork, oral presentations, and writing projects.
4. Students will demonstrate their use of information literacy to support student learning by applying technology skills to collaborative online writing projects and objective exams.
5. Students will apply their understanding of the state teaching profession standards by completing field experience observations and writing assignments.
6. Students will apply their working knowledge of the foundations of the teaching profession through field experience.

## Programs

## Major:

- Liberal Studies B.A. (p. 87)
- Liberal Studies B.A. Integrated Teacher Education Program (ITEP) (p. 89)


## Minor:

- Elementary Education Minor (p. 87)


## Courses

## Liberal Studies Program

## EDUC-100 Introduction to Education 3 Credits

This course explores the role of education and teaching in modern American Society. Current political and social issues and their impact on schools are addressed; and career opportunities and expectations for teachers are explored. Students are encouraged to assess and reflect upon their own educational experiences, skills, and learning styles as they interact with current practitioners and education literature. Students complete a 15 -hour fieldwork component. May not be taken concurrently with EDUC 315. Must be passed with a C (not C-) or better to fulfill the Liberal Studies major requirement.
Terms Typically Offered: Fall, Spring, and Summer.
EDUC-213 Foundations of Dance for Elementary Teachers 1 Credit This course introduces students to the world of elementary dance curriculum and pedagogy through a thought-provoking exploration of the development of fundamental movement skills. Students develop the knowledge, skills and attitude necessary to successfully implement a dance and drama program to support the diverse needs of elementary school students. Students are provided with guided opportunities to explore performance and choreographic experiences that build skills in improvisation and collaboration. This course is cross-listed with THEA-213
Terms Typically Offered: Fall, Spring, and Summer.
EDUC-220C Researched Writing for Liberal Studies Majors 3 Credits This course serves as an introduction to topics and issues in the field of education for Liberal Studies majors. Students are guided in thinking about and moving toward their future role as a teacher. Students are taught how to read and comprehend research in education and to write research papers from a place of understanding the context, process, and audience for research writing. This course focuses on the process of writing in APA style. Must be passed with a C (not C-) or better to fulfill the core curriculum requirement.
Terms Typically Offered: Fall, Spring, and Summer.
EDUC-242 Pedagogy/Practice in Theatre for Youth 3 Credits
This course provides methods and materials for drama structures and activities as applied to the elementary classroom. Participants will explore how to use drama as a gateway to the curriculum, as well as a way to motivate students, build classroom community and manage the classroom. Participants investigate through the lens of a teaching artist, classroom teacher and/or drama teacher how to adapt the work to suit their needs, and collaboratively present lessons. This course is crosslisted with THEA-242.
Terms Typically Offered: Spring.

## EDUC-250 Intro to Early Childhood Education 3 Credits

Students explore historical and current research in early childhood education, primary models of curriculum and pedagogy in the field, and the relationship between critical aspects of young children's development and the creation of inclusive learning opportunities for all children, including children at risk. The concept of developmentally appropriate practice and its application across different developmental levels and early childhood classrooms is introduced and connected.
Prerequisite: EDUC-100
Terms Typically Offered: Fall, Spring, and Summer.

EDUC-305 Tutoring in an Urban Setting 1-3 Credits
Directed tutoring of elementary and secondary students in selected tutorial centers/schools located in urban settings. Enrollees must complete 30 hours of supervised tutoring in an approved urban tutorial center or school site for each unit. Written critical incident reports are required. Limited enrollment by permission only. See the Chair of the Department of Liberal Studies for further information.
Terms Typically Offered: Fall, Spring, and Summer.

## EDUC-315 Teaching in a Multicultural Setting 3 Credits

Students seeking to complete the Single Subject Matter Program in English must take this course as part of that program to ensure they are integrating literary content with their pedagogical experience. This course provides the philosophical background and classroom experience necessary to introduce the student to the teaching profession in a public or private school in a multicultural environment. The purpose of the class is to assist the student in gaining an understanding of the resources and challenges facing a teacher serving a linguistically and culturally diverse student population. Discussion focuses on the major professional organizations and educational research related to the philosophical, historical, and demographic developments of American education. Students complete a 30 -hour field work component to observe classroom management and organization, Specially Designed Academic Instruction Delivered in English (SDAIE) instructional practices, and the curricula of grades $\mathrm{K}-12$. The role and function of Christian beliefs and values in the public school are integrated throughout the course. This course is a prerequisite requirement for Multiple and Single Subject Credential programs. Lab fee.
Prerequisite: EDUC-100-This course is cross listed with HIST-316. Terms Typically Offered: Fall, Spring, and Summer.

## EDUC-326 Child and Adolescent Development 3 Credits

This course is recommended for students interested in professions involving children. Drawing mainly from an education psychology perspective, this course covers the process of human development from conception through adolescence. Emphasis is placed upon development that enables one to reach physical, mental, emotional, and social maturity. The primary goal of this course is to introduce students to the research that underlies effective teaching practices and to provide practice applying content. Students are exposed to the psychology behind teaching and learning, as it exists both inside and outside the classroom.
Terms Typically Offered: Fall, Spring, and Summer.

## EDUC-327 Child, Family and Community 3 Credits

Examines the developing child in a societal context focusing on the interrelationship of family, school and community; and emphasizes historical and socio-cultural factors. The processes of socialization and identity development are highlighted, showing the importance of respectful, reciprocal relationships that support and empower families. Prerequisite: EDUC-100
Terms Typically Offered: Spring.

EDUC-330 Integrating Technology in Classroom Teaching 3 Credits A study of the nature and use of technology in the educational process. An emphasis is placed upon both teachers and students using a variety of technology to enhance a content standards based curriculum. Topics studied include: computers, interactive white boards, scanners, digital cameras, PDA's, digital projection, software, word processing, PowerPoint, and other technology that assists educators or is currently used with students in K-12 classrooms. This course meets the Level One technology standards for a California teaching credential.
Terms Typically Offered: Spring.

## EDUC-342 Language Acquisition in Linguistically Diverse Classrooms 3

 CreditsThis course explores strategies and techniques to help support the success of linguistically and culturally diverse students. Includes an introduction to the processes by which children acquire language. Special attention is given to the practical application of linguistic theories of language acquisition to teaching and tutoring. Students learn how to design lessons for children and young adults that use a communicative, interactive approach. Students investigate, critique and use a variety of EFL materials, and are required to perform 10 hours of fieldwork in an English tutoring center and classroom.
Terms Typically Offered: Spring.

## EDUC-344 Psychological Foundations of Education 3 Credits

This course introduces concepts, theories, and research in educational psychology. The topics covered include cognitive development during the school years, learning theories, instructional approaches, motivation, assessment, and individual differences. Includes application of psychological principles to the education process, role of the teacher and learner, human growth and development, learning styles, motivation, memory, transfer of learning, measurement and evaluation, research and experimentation in learning theory.
Terms Typically Offered: Spring.

## EDUC-346 Introduction to Special Education 3 Credits

This course provides a basic understanding about the historical, legal, and social foundations of special education. Students explore strategies for working effectively with children and adolescents ( $\mathrm{K}-12$ ) by learning about the nature of mild/moderate disabilities (specific learning disabilities, cognitive impairments, and emotional and behavioral disturbances). The course examines legal issues and laws pertaining to special education, giving attention to school compliance and student and parent rights. Students observe a special education classroom for 10 hours. During fieldwork experience, students select several topics of interest to explore in depth, interview the fieldwork teacher to determine how he/she addresses those topics in the inclusive classroom, and make observations and recommendations for beneficial classroom practices. Terms Typically Offered: Fall.

## EDUC-356 Curriculum Methods in Elementary School Social Studies 1 Credit

This course focuses on preparing students to teach the state-adopted academic content standards for students in history-social science (K-8). Students explore events and periods from multiple perspectives by using simulations, case studies, cultural artifacts, works of art and literature, cooperative projects, and student research. California History serves as the basis of all coursework. Must be accepted into the Liberal Studies Integrated Teacher Education Program (ITEP).
Terms Typically Offered: Fall, Spring, and Summer.

EDUC-385 Field Research Lab/Seminar 3 Credits
This course provides studentsan oppurtunity to gain experience in an on-going research experiment with a faculty member. Students will be exposed to contempoary research problems in an area of psychology and the application of research concepts. This course may meet off-campus durring the semester. Class may be repeated one time for credit.
EDUC-409 Foundations in Teaching for Multiple Subject 2 Credits Teacher candidates analyze the philosophical and historical background of public education in California. Candidates acquire a range of positive behavioral supports for students with the basic knowledge, skills and strategies for engaging and supporting diverse learners, including students with special needs, English learners, Standard English Learners, and students with other learning needs in the least restrictive environment. Candidates develop a plan to establish an inclusive and culturally responsive learning environment.
Terms Typically Offered: Fall and Spring.
EDUC-419 English Language Arts in Elementary Classrooms for Multiple Subject 3 Credits
This course covers theories, principles and instructional practices of reading/language arts instruction in the elementary classroom and includes: language acquisition; four communication skills of listening, speaking, reading and writing; diagnostic and early intervention techniques; and key themes of a balanced, comprehensive, instructional program. Specific content knowledge needed in preparation for RICA is aligned in this course.
Terms Typically Offered: Fall and Spring.

## EDUC-423 Instructional Design and Specific Pedagogy for Multiple Subject 4 Credits

In this course candidates strengthen their subject matter expertise and application by familiarizing themselves with subject matter content standards and appropriate pedagogical strategies for teaching specific subject matter disciplines (math, science, social studies, etc.).Working with the cohort faculty leader and expert practitioners, teacher candidates develop lessons for the diverse populations of students in today's classrooms using the Backward Design planning strategy that focuses on integrating subject-specific content standards, Common Core Literacy standards, and English Language Development standards. Candidates develop in-depth lesson plans utilizing Inductive, Deductive, and Cooperative methodologies.
Terms Typically Offered: Fall and Spring.
EDUC-424 Foundations in Teaching for Single Subject 2 Credits This course provides the philosophical and historical foundations of education. Teaching candidates begin the development of a reflective professional classroom philosophy. Candidates evaluate their philosophical bias related to the classroom and examine the professional and ethical behaviors, which contribute to teacher success in a school community. Additionally, this course prepares candidates with basic knowledge, skills and strategies for teaching diverse and special populations, including students with disabilities, students on behavior plans, and gifted and talented students in the general education classroom. Individuals become familiar with the cultural and individual diversity of the school community.
Terms Typically Offered: Fall and Spring.

EDUC-425 Early Supervised Fieldwork for Multiple Subject 4 Credits This early supervised field experience provides the candidate with an opportunity to work directly with learners in a University assigned elementary school classroom with a Master Teacher two days per week. Candidates observe and apply instructional strategies under the leadership of the Master Teacher to learn to manage and deliver instruction in the elementary classroom. Lab fee: Master Teacher stipend Terms Typically Offered: Fall and Spring.

## EDUC-426 Instructional Design and Subject Specific Pedagogy for Single Subject 4 Credits

In this course, candidates strengthen their subject matter expertise and application by familiarizing themselves with subject matter content standards and appropriate pedagogical strategies for teaching specific subject matter disciplines (math, science, social studies, etc.). These strategies focus on the candidates' prospective subject-specific credential and the diverse populations of students in today's classrooms. Working with the cohort faculty leader and expert practitioners, teacher candidates develop lessons using the Backward Design planning strategy that focuses on integrating subject-specific content standards, Common Core Literacy standards, and English Language Development standards. Candidates develop in-depth lesson plans utilizing Inductive, Deductive, and Cooperative methodologies.
Terms Typically Offered: Fall and Spring.

## EDUC-434 Curriculum Unit Planning for Single Subject 2 Credits

This course helps candidates to connect the subject matter content and standards to appropriate performance tasks and instructional strategies, as they learn to plan curriculum units. Candidates learn to model and assist students to integrate technology and media into content-specific literacy when conducting research, producing and publishing writing, creating multimedia presentations, and interacting and collaborating with others in this and other disciplines. Through cooperative methods, candidates learn that after a discovery activity, students need the opportunity to independently apply their learning.
Terms Typically Offered: Fall and Spring.

## EDUC-435 Supervised Fieldwork for Single Subject 4 Credits

This early supervised fieldwork experience provides the candidate with an opportunity to work directly with learners in a University assigned secondary classroom with a Master Teacher two days per week. Candidates observe and apply instructional strategies under the leadership of the Master Teacher to learn to manage and deliver instruction in the secondary classroom. Lab fee: Master Techer stipend Terms Typically Offered: Fall and Spring.

## EDUC-437 Curriculum Unit Planning for Multiple Subject 2 Credits

Teacher candidates develop an interdisciplinary unit plan, integrating knowledge of subject-specific pedagogical skills including Health and Physical Education. Teacher candidates collect and analyze student assessment data from multiple measures and reflect on their teaching practices and level of subject matter and pedagogical knowledge to plan and implement instruction.
Terms Typically Offered: Fall and Spring.

## EDUC-442 CaITPA Cycle 1 0.5 Credits

Effective July 2018, California law requires all Multiple and Single Subject teacher preparation programs to include a California Teaching Performance Assessment (CalTPA). The purpose of this course is to provide support for teacher candidates to demonstrate their knowledge, skills, and abilities learned through the teacher credentialing program to successfully pass this state assessment. This course is taken concurrently with EDUG 525 or EDUG 535.
Terms Typically Offered: Fall and Spring.

## EDUC-443 CaITPA Cycle 2 0.5 Credits

Effective July 2018, California law requires all Multiple and Single Subject teacher preparation programs to include a California Teaching Performance Assessment (CalTPA). The purpose of this course is to provide support for teacher candidates to demonstrate their knowledge, skills, and abilities learned through the teacher credentialing program to successfully pass this state assessment. This course is taken concurrently with EDUG 587 or EDUG 589.
Terms Typically Offered: Fall and Spring.
EDUC-444 Language Acquisition for Secondary Students 1 Credit This course focuses on how to move middle and high school students who are non-English speakers into and through English language literacy. Teacher candidates read and discuss first and second language acquisition theories and the various programs appropriate for students at each level of fluency. By practicing methods of teaching English language development, teacher candidates engage in using strategies, techniques, and methods that have proved successful in fostering high achievement.

## EDUC-447 Metacognition/Reading Strategies for Secondary Students 1 Credit

Single Subject candidates focus on theories and methods which enhance learning across the curriculum for middle and high school students. The course assists candidates in developing teaching methods that ensure students are successfully comprehending course content, accessing long-term memory, taking effective notes, and communicating learning concepts. Candidates learn to teach to the strength of each personality type. Candidates also learn the basics of explicit reading instruction at the secondary level.
Terms Typically Offered: Fall and Spring.

## EDUC-450 Liberal Studies Teaching Internship 1-3 Credits

Regular hours each week for classes and/or meetings are established at the beginning of the semester. The intern assists an instructor in planning and conducting a course and/or laboratory session. Maximum of three units. May be repeated for a maximum of six units.
Terms Typically Offered: Fall, Spring, and Summer.
EDUC-452 Literacy in Content Areas for Secondary Students 1 Credit Single subject candidates learn to write lesson plans for middle and high school students in their particular subject matter area integrating reading, writing, listening, speaking and thinking. Candidates explore the role of language fluency in comprehension and teach an integrated lesson which enhances content mastery.
Terms Typically Offered: Fall and Spring.

## EDUC-455 Teaching Assistantship in Education 1-3 Credits

This course provides the student with an opportunity to work as a teaching assistant in a local school. Includes direct instruction of individuals and small groups. With permission of the supervising teacher, the student may conduct some whole-class instruction. Limited enrollment by permission only. See the Chair of the Department of Liberal Studies for further information.
Prerequisite: EDUC-315
Terms Typically Offered: Fall and Spring

## EDUC-464 Use of Technology in the Classroom 1 Credit

A study of the nature and use of technology in the educational process. An emphasis is placed on Computer Assisted Instruction (CAI) and the selection of software with a hands-on approach to the use of word processing, spreadsheets, and other programs that are of assistance to educators or are currently used with students in K-12 classrooms. This course meets the CCTC standards for the level 1 technology requirement. Terms Typically Offered: Fall and Spring.

EDUC-470 Special Topic: 1-3 Credits
Study of a special topic dealing with education. May be repeated for credit.
Terms Typically Offered: Fall, Spring, and Summer.
EDUC-480 Individual Studies: 1-3 Credits
May be repeated for credit.
Prerequisite: EDUC-315
Terms Typically Offered: Fall, Spring, and Summer.
EDUC-486 Clinical Practice Seminar for Multiple Subject 2 Credits This seminar course includes reflection on advanced clinical practice experiences in elementary education and their connection with the Teaching Performance Expectations (TPEs). This course focuses on the connection between the community, family, school and classroom, and prepares candidates for the professional job market and continued professional growth and development.
Terms Typically Offered: Fall and Spring.

## EDUC-487 Clinical Practice Fieldwork for Multiple Subject 8 Credits

During clinical practice, credential candidates work directly with learners in a University assigned elementary classroom with a Master Teacher, five full days per week during the semester. Candidates experience the daily responsibilities of running a culturally and linguistically diverse classroom. Candidates practice under the expert monitoring of a Master Teacher with mentoring from a University Supervisor. Lab Fee: Master Teacher stipend
Terms Typically Offered: Fall and Spring

## EDUC-488 Clinical Practice Seminar for Single Subject 2 Credits

Clinical practice experiences are designed to provide the candidate with a developmental and sequential set of activities that are integrated with the coursework and extend the candidate's learning through application of theory to practice with secondary students in California public school classrooms. This seminar course enhances the teach-reflect-revise cycle by allowing candidates to reflect on lessons taught in clinical practice, collaborate with peers, and revise their instruction for improved student learning.
Terms Typically Offered: Fall and Spring.

EDUC-489 Clinical Practice Fieldwork for Single Subject 8 Credits
During clinical practice fieldwork, credential candidates work directly with learners in a University assigned secondary classroom with a Master Teacher, 5 full days per week during the semester. Candidates experience the daily responsibilities of running a culturally and linguistically diverse classroom. Candidates practice under the expert monitoring of a Master Teacher with mentoring from a University Supervisor. Lab Fee: Master Teacher stipend
Terms Typically Offered: Fall and Spring.

## EDUC-490 Seminar: 3 Credits

Mutual investigation of one topic within the field of education that is of particular relevance to upper division liberal studies majors. May be repeated for credit.
Prerequisite: EDUC-315
Terms Typically Offered: Fall, Spring, and Summer.
EDUC-499C Senior Capstone in Liberal Studies 3 Credits Students investigate key ideas from the California Curriculum Frameworks and the California Student Academic Content Standards. Students address the integration of faith and learning and identify how this integration has deepened their understanding of each subject area. The culmination of this course is a portfolio that reflects evidence of lesson planning and implementation, identity as a teacher and researcher, and spiritual integration with teaching. Students are assigned to conduct 10 hours of fieldwork experience at a prearranged elementary school site, which serves as the primary basis of all classroom activities.
Terms Typically Offered: Fall, Spring, and Summer.

## Elementary Education Minor Requirements

The Elementary Education minor consists of 21 units in Liberal Studies. The Elementary Education Minor includes course work that focuses on important education topics, including technology, students with special needs, and multicultural education. 12 units must be completed at Vanguard University.

## Minor Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| EDUC-100 | Introduction to Education | 3 |
| EDUC-250 | Intro to Early Childhood Education | 3 |
| EDUC-315 | Teaching in a Multicultural Setting | $\mathbf{3}$ |
| EDUC-330 | Integrating Technology in Classroom Teaching | $\mathbf{3}$ |
| Total Units |  | $\mathbf{1 2}$ |

## Electives

| Code | Title | Units |
| :--- | :--- | ---: |
| Select nine (9) | units from the following: | 9 |
| ART-330 | Art Techniques for Teachers |  |
| EDUC/ | Pedagogy/Practice in Theatre for Youth |  |
| THEA-242 |  |  |
| EDUC-342 | Language Acquisition in Linguistically Diverse <br> Classrooms |  |
| EDUC-346 | Introduction to Special Education |  |
| KINE-435 | Physical Ed for Elem Schools |  |

# Liberal Studies B.A. <br> Requirements 

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements $(\mathrm{p} .62)^{1}$ | 43 |
| Core Major Requirements | 67 |
| Emphasis | $\mathbf{1 2}$ |
| Total Units | $\mathbf{1 2 2}$ |

## Liberal Studies Major

The Liberal Studies program outlined below incorporates current core curriculum courses as well as additional content specific courses to meet the California Commission on Teacher Credentialing (CTC) expectations for a Liberal Studies major.

| Code | Title | Units |
| :--- | :--- | ---: |
| EDUC-100 | Introduction to Education | 3 |
| EDUC-220C | Researched Writing for Liberal Studies Majors | 2,3 |
| EDUC-250 | Intro to Early Childhood Education | 3 |
| EDUC-315 | Teaching in a Multicultural Setting | 3 |
| EDUC-326 | Child and Adolescent Development | 3 |
| EDUC-330 | Integrating Technology in Classroom Teaching | $\mathbf{3}$ |
| EDUC-499C | Senior Capstone in Liberal Studies | $\mathbf{3}$ |
| Total Units |  | $\mathbf{2 1}$ |

1
Number of units required from the Core Curriculum not included in the major requirements below.
2
EDUC-220C Researched Writing for Liberal Studies Majors satisfies one Core Curriculum English requirement.

3
Required for the CSET Waiver

## Electives

| Code | Title | Units |
| :--- | :--- | ---: |
| Select six units from the following 3-unit courses: | 6 |  |
| EDUC-342 | Language Acquisition in Linguistically Diverse <br> Classrooms |  |
| EDUC-344 | Psychological Foundations of Education |  |
| EDUC-346 | Introduction to Special Education | $\mathbf{6}$ |

## Non-Liberal Studies Requirements

| Code | Title | Units |
| :--- | :--- | :---: |
| Visual and Performing Arts (a minimum of 10 units) |  |  |
| ART-330 | Art Techniques for Teachers | 3 |
| EDUC/THEA-213 | Foundations of Dance for Elementary Teachers | 1 |


| EDUC/THEA-242 | Pedagogy/Practice in Theatre for Youth | 3 |
| :---: | :---: | :---: |
| MUSC-337B | Music for Elementary Schools | 3 |
| English/Social Science/Human Development (a minimum of 12 units) |  |  |
| ENGL-340 | Children's Literature | 3 |
| EDUC-356 | Curriculum Methods in Elementary School Social Studies | 1 |
| KINE-435 | Physical Ed for Elem Schools | 3 |
| MATH-120 | Math for Elementary Teachers | 3 |
| Science - 3 labs required (a minimum of 12 units) ${ }^{1}$ |  |  |
| $\begin{aligned} & \text { BIOL-100C } \\ & \& 100 \mathrm{CL} \end{aligned}$ | Fundamentals of Biology for Non-Majors and Fundamentals/Biology for Non-Majors Lab | 4 |
| $\begin{aligned} & \text { PSCI-215C } \\ & \& 215 \mathrm{CL} \end{aligned}$ | Fundamentals of Earth Science and Fundamentals of Earth Science Lab | 4 |
| $\begin{aligned} & \text { PSCI-216C } \\ & \& 216 \mathrm{CL} \end{aligned}$ | Fundamentals of Physical Science and Fundamentals of Physical Science Lab | 4 |
| Additional Courses Required for Credentialing |  |  |
| ENGL-453 | Language, Culture, and Linguistics | 3 |
| POLS-155C | American Democracy | 3 |
| Total Units |  | 40 |

1
Satisfies Core Curriculum Science requirement

## Emphasis

| Code | Title | Units |
| :--- | ---: | ---: |
| A minimum of 12 units | 12 |  |
| Total Units | 12 |  |

Total Units
Students must choose an emphasis from one of the following areas: Biological Science, Communication, English Literature, Early Childhood, English Writing, History and Political Science, Kinesiology (PE), Mathematics, Music, Physical Science, Psychology, Sociology, Special Education, and Theatre Arts. As a capstone experience to the emphasis, each senior Liberal Studies student will participate in a portfolio/ performance/ demonstration assessment. Contact the Liberal Studies Department for details.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Liberal Studies.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs
are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| ENGL-120C | Persuasive Writing | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| MATH-115C | Applied Mathematics and Personal Finance | 3 |
| NT-101C | New Testament Survey | 3 |
| EDUC-100 | Introduction to Education | 3 |
|  | Units | $\mathbf{1 6}$ |


| Year 1 Term 2 |  |  |
| :--- | :--- | ---: |
| ANTH-102C | Intro to Cultural Anthropology | 3 |
| BIOL-100C | Fundamentals of Biology for Non-Majors | 3 |
| BIOL-100CL | Fundamentals/Biology for Non-Majors Lab | 1 |
| THEO-PLHD | Theology Core Requirement | 3 |
| PSYC-103C | Introduction to Psychology | 3 |
| HIST-156C | U.S. History | 3 |
|  | Units | $\mathbf{1 6}$ |

Year 2 Term 1

| MATH-120 | Math for Elementary Teachers | 3 |
| :--- | :--- | :---: |
| PSCI-215C | Fundamentals of Earth Science | 3 |
| PSCI-215CL | Fundamentals of Earth Science Lab | 1 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| OT-201C | Old Testament Survey | 3 |
| EDUC-213 | Foundations of Dance for Elementary | $\mathbf{1}$ |
|  | Teachers | $\mathbf{3}$ |
| EDUC-220C | Researched Writing for Liberal Studies <br>  Majors | $\mathbf{1 7}$ |

Year 2 Term 2

| POLS-155C | American Democracy | 3 |
| :--- | :--- | ---: |
| COMM-201C | Speech Composition and Presentation | 3 |
| HSPS-PLCR | History/Political Sci Core Requirement | 3 |
| PSCI-216C | Fundamentals of Physical Science | 3 |
| PSCI-216CL | Fundamentals of Physical Science Lab | 1 |
| EDUC-242 | Pedagogy/Practice in Theatre for Youth | 3 |
|  | Units | $\mathbf{1 6}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | ---: |
| ENGL-230C | Literature and the Human Experience | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| EDUC-250 | Intro to Early Childhood Education | 3 |
| EDUC-315 | Teaching in a Multicultural Setting | 3 |
| EDUC-326 | Child and Adolescent Development | $\mathbf{3}$ |
|  | Units | $\mathbf{1 5}$ |


| Year 3 Term 3 |  |  |
| :--- | :--- | :--- |
| ART-330 | Art Techniques for Teachers | 3 |
| MUSC-337B | Music for Elementary Schools | 3 |


| ENGL-340 | Children's Literature | 3 |
| :--- | :--- | ---: |
| EDUC-330 | Integrating Technology in Classroom |  |
|  | Teaching |  |
| EDUC-PLPR3 | Liberal Studies Program Requirement | 3 |
|  | Units | 3 |
| Year 4 Term 1 |  | $\mathbf{1 5}$ |
| EDUC-356 | Curriculum Methods in Elementary School <br> Social Studies | 1 |
| CHIS-400C | Christian Heritage | 3 |
| EDUC-PLPR3 | Liberal Studies Program Requirement | 3 |
| EDUC-PLHD6 | Lib Stud Emphasis Elct 6 Units | $\mathbf{6}$ |
|  | Units | $\mathbf{1 3}$ |
| Year 4 Term 2 |  | 3 |
| KINE-435 | Physical Ed for Elem Schools | 3 |
| ENGL-453 | Language, Culture, and Linguistics | 3 |
| EDUC-499C | Senior Capstone in Liberal Studies | 6 |
| EDUC-PLHD6 | Lib Stud Emphasis Elct 6 Units | $\mathbf{1 5}$ |
|  | Units | 123 |

1

CBEST Waiver Courses/ESM Waiver Courses (authorized by completion of qualifying coursework/CA Law, July 2021) include: ENGL-120C Persuasive Writing ; MATH-115C Applied Mathematics and Personal Finance; MATH-120 Math for Elementary Teachers; ENGL-230C Literature and the Human Experience; EDUC-220C Researched Writing for Liberal Studies Majors; ENGL-340 Children's Literature.
2
YEAR ONE TERM ONE :: Provisional Standing Students will take CORE-101C College Success Strategies instead of CORE-100C.

3
YEAR TWO TERM TWO :: POLS-155C American Democracy satisfies a Graduate Education program requirement.
4
YEAR FOUR TERM TWO :: ENGL-453 Language, Culture, and Linguistics satisfies a graduate education program requirement. EDUC-499C Senior Capstone in Liberal Studies must be taken in the fourth year.

## Liberal Studies B.A. Integrated Teacher Education Program (ITEP) Requirements

The ITEP Pathway integrates a Bachelor of Arts degree with a preliminary California Multiple Subject Teaching Credential by combining the study of academic subject matter for elementary school teaching with professional preparation and student teaching. Students must complete VU Core Requirements, Liberal Studies Program Requirements, and Teaching Credential Program Requirements to graduate via the ITEP pathway. This program follows standards established by the California Commission on Teacher Credentialing (CTC) and is an approved Elementary Subject Matter Waiver Program. ITEP is specifically designed for undergraduates who have decided relatively early (no later than Spring

## semester of Sophomore year) to pursue an Elementary School teaching career. Application process is required. Contact the Liberal Studies Department for more information.

| Code $\quad$ Title | Units |
| :--- | ---: |
| Core Curriculum Requirements (p. 62) |  |
| Education Course Requirements $^{2}$ | 43 |
| Visual and Performing Arts Requirements $^{2}$ | 18 |
| English/Social Science/Human Development Requirements $^{2}$ | 10 |
| Science Requirements $^{2}$ | 16 |
| Multiple Subject Credential Requirements $^{2}$ | 12 |
| Areas of Emphasis Requirements |  |
| Total Units | 26 |

1
Number of units required from the Core Curriculum not included in the major requirements below.
2
Department recommendation of unit count for requirement.

## Education Course Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| EDUC-100 | Introduction to Education | 3 |
| EDUC-220C | Researched Writing for Liberal Studies Majors | 12 |
| EDUC-315 | Teaching in a Multicultural Setting | 3 |
| EDUC-326 | Child and Adolescent Development | 3 |
| EDUC-330 | Integrating Technology in Classroom Teaching | 3 |
| EDUC-499C | Senior Capstone in Liberal Studies | 3 |
| Total Units |  | $\mathbf{1 8}$ |

1
Included in Core Curriculum
2
Required for CSET Waiver

| Visual and Performing Arts Requirements |  |  |
| :--- | :--- | ---: |
| Code | Title | Units |
| ART-330 | Art Techniques for Teachers | 3 |
| EDUC/THEA-213 | Foundations of Dance for Elementary Teachers | 1 |
| EDUC/THEA-242 | Pedagogy/Practice in Theatre for Youth | 3 |
| MUSC-337B | Music for Elementary Schools | 3 |
| Total Units |  | $\mathbf{1 0}$ |

## English/Social Science/Human Development Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| ENGL-340 | Children's Literature | 3 |
| ENGL-453 | Language, Culture, and Linguistics | 3 |
| KINE-435 | Physical Ed for Elem Schools | 3 |
| EDUC-356 | Curriculum Methods in Elementary School Social | 1 |
|  | Studies |  |


| MATH-120 | Math for Elementary Teachers | 3 |
| :--- | :--- | ---: |
| POLS-155C | American Democracy | 3 |
| Total Units |  | $\mathbf{1 6}$ |

## Science Requirements ${ }^{2}$

| Code | Title | Units |
| :--- | :--- | ---: |
| BIOL-100C | Fundamentals of Biology for Non-Majors | 4 |
| $\& 100 C L$ | and Fundamentals/Biology for Non-Majors Lab |  |
| PSCI-215C | Fundamentals of Earth Science | 4 |
| $\& 215 \mathrm{CL}$ | and Fundamentals of Earth Science Lab |  |
| PSCI-216C Fundamentals of Physical Science <br> $\& 216 C L$ and Fundamentals of Physical Science Lab | 4 |  |

Total Units
2
Four Science units included in Core Curriculum

## Multiple Subject Credential Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| EDUC-409 | Foundations in Teaching for Multiple Subject | 2 |
| EDUC-419 | English Language Arts in Elementary Classrooms <br> for Multiple Subject | 3 |
|  | Instructional Design and Specific Pedagogy for | 4 |
| EDUC-423 | Multiple Subject |  |
| EDUC-425 | Early Supervised Fieldwork for Multiple Subject | 4 |
| EDUC-437 | Curriculum Unit Planning for Multiple Subject | 2 |
| EDUC-442 | CalTPA Cycle 1 | 0.5 |
| EDUC-443 | CalTPA Cycle 2 | 0.5 |
| EDUC-486 | Clinical Practice Seminar for Multiple Subject | 2 |
| EDUC-487 | Clinical Practice Fieldwork for Multiple Subject | 8 |
| Total Units |  | $\mathbf{2 6}$ |

## Emphasis

Students must choose an emphasis from one of the following areas: Biological Science, Child Development, Communication, English Literature, Early Childhood, English Writing, History and Political Science, Kinesiology (PE), Mathematics, Music, Physical Science, Psychology, Sociology, Special Education, and Theatre Arts. Students must take a minimum of 12 units.

## Four Year Plan

VU Bachelor's Degree Programs provide Four Year Plans for students to reference as a checklist while they monitor their own progress through a program. The Plans are intended to present a well organized path through the program, as well as to illustrate options for flexibility when warranted. Refer to the footnotes for additional information about courses listed in particular years and/or terms.

| Course | Title | Units |
| :--- | :--- | :---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| ENGL-120C | Persuasive Writing | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |


| MATH-115C | Applied Mathematics and Personal Finance | 3 |
| :--- | :--- | ---: |
| NT-101C | New Testament Survey | 3 |
| EDUC-100 | Introduction to Education | $\mathbf{3}$ |
|  | Units | $\mathbf{1 6}$ |

Year 1 Term 2

| ANTH-102C | Intro to Cultural Anthropology | 3 |
| :--- | :--- | ---: |
| MATH-120 | Math for Elementary Teachers | 3 |
| POLS-155C | American Democracy | 3 |
| BIOL-100C | Fundamentals of Biology for Non-Majors | 3 |
| BIOL-100CL | Fundamentals/Biology for Non-Majors Lab | $\mathbf{1}$ |
| THEO-PLHD | Theology Core Requirement | 3 |
|  | Units | $\mathbf{1 6}$ |

Year 2 Term 1

| PSCI-215C | Fundamentals of Earth Science | 3 |
| :--- | :--- | ---: |
| PSCI-215CL | Fundamentals of Earth Science Lab | 1 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| OT-201C | Old Testament Survey | 3 |
| EDUC-213 | Foundations of Dance for Elementary | 1 |
|  | Teachers | 3 |
| EDUC-242 | Pedagogy/Practice in Theatre for Youth | $\mathbf{1}$ |
| EDUC-356 | Curriculum Methods in Elementary School <br> EDUC-PLHD3A <br>  <br>  Social Studies | $\mathbf{3}$ |
|  | Units | $\mathbf{1 8}$ |

Year 2 Term 2
PSYC-103C Introduction to Psychology 3
HIST-PLCR2 History Core Requirement (World Civ) 3
PSCI-216C Fundamentals of Physical Science 3
PSCI-216CL Fundamentals of Physical Science Lab 1
EDUC-220C Researched Writing for Liberal Studies 3

Majors

| EDUC-305 | Tutoring in an Urban Setting | $1-3$ |
| :--- | :--- | ---: |
| EDUC-315 | Teaching in a Multicultural Setting | 3 |
|  | Units | $\mathbf{1 7 - 1 9}$ |


| Year 2 Term 3 |  | 3 |
| :--- | :--- | :--- |
| HIST-156C | U.S. History | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
|  | Units | $\mathbf{6}$ |

Year 3 Term 1

| COMM-201C | Speech Composition and Presentation | 3 |
| :--- | :--- | ---: |
| ART-330 | Art Techniques for Teachers | 3 |
| KINE-435 | Physical Ed for Elem Schools | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| EDUC-326 | Child and Adolescent Development | $\mathbf{3}$ |
| EDUC-PLHD3B | Liberal Studies Emphasis Elect | 3 |
|  | Units | $\mathbf{1 8}$ |

Year 3 Term 2

| MUSC-337B | Music for Elementary Schools | 3 |
| :--- | :--- | :--- |
| ENGL-340 | Children's Literature | 3 |
| ENGL-453 | Language, Culture, and Linguistics | 3 |



1

CBEST Waiver Courses/ESM Waiver Courses (authorized by completion of qualifying coursework/CA Law, July 2021) include: ENGL-120C Persuasive Writing ; MATH-115C Applied Mathematics and Personal Finance; MATH-120 Math for Elementary Teachers; ENGL-230C Literature and the Human Experience; EDUC-220C Researched Writing for Liberal Studies Majors; ENGL-340 Children's Literature.

## 2

YEAR ONE TERM ONE :: Provisional Standing Students will take CORE-101C College Success Strategies instead of CORE-100C.

## Department of Music

Mission: The Department of Music seeks to facilitate an environment of musical creativity, expressive performance, and contextualized music education with a Christ-centered and Spirit-empowered perspective and worldview.

The Department of Music offers a Bachelor of Arts in Music (with optional emphasis in Worship Leadership); the professional degree, Bachelor of Music: Pre-Teacher Certification (Music Education); and a Music Minor. Elaboration on the following materials can be found in the Music Handbook

## Music Audition

- All students desiring to earn a music degree must contact the Department of Music to audition on their primary instrument.
- Students will be placed in a large ensemble depending on abilities and ensemble needs.


## Theory Assessment

- All students will be placed in MUSC-101 Basic Musicianship I and MUSC-105A Class Piano I
- Students may request assessment to be potentially placed in a higher level.
- Transfer students will be required to take a Theory Placement Exam and a Piano Placement Exam, regardless of experience or college courses previously taken.
- MUSC-101 Basic Musicianship I and/or MUSC-106 Basic Musicianship II may be required to prepare the student for MUSC-128 Harmony and Form I.
- Failure to pass MUSC-101 Basic Musicianship I, MUSC-106 Basic Musicianship II and/or Private Music Instruction will result in being dropped from declared degree program, including a Music Minor
- Bachelor of Music candidates should expect to take longer than 4 years to graduate. Please be advised students continuing beyond 4 years maybe ineligible to receive institutional aid.


## Piano Proficiency

- Basic piano proficiency skills are required of all music majors for graduation.
- The final exam given in each class piano represents certain sections of the piano proficiency exam. Students who do not pass the final exam will be required to repeat that course until that requirement is passed, preventing them from proceeding to the next piano course.
- Students should pass the class piano sequence or piano proficiency exam prior to applying for:
- Bachelor of Music - MUSC-491C Recital and Research.
- The sections of the piano proficiency exam may be taken at one time or in sections.

Applied Instruction - Primary Instrument

- All Music Majors must select one primary instrument for an area of study (voice, piano, guitar, organ, string, woodwind, brass, or percussion).
- Students are required to enroll in consecutive semesters of study in the same performance medium.
- MUSC-108 Beginning Guitar Class or MUSC-111 Beginning Voice Class may be required to satisfy the first semester of Basic/Applied Instruction, depending on the audition.
- Participation in studio class, department recitals, and performance before a jury at the end of the semester are required in each applied music course.


## Basic Instruction - Secondary Instrument

- Students may elect to take piano as their secondary instrument only if their piano proficiency exam is satisfied.

Primary and Secondary Ensemble Requirements

| Instrument (B.A. \& B.M. | Primary Large | Second Small |
| :---: | :---: | :---: |
| Applied Instrument) | Ensemble | Ensemble |
| Flute/Piccolo | Concert Band | Chamber Music |
| Oboe/English Horn | Concert Band | Chamber Music |
| Clarinet/Bass Clarinet | Orchestra | Chamber Music |
| Saxophone | Concert Band | Chamber Music, Jazz <br> Ensemble, Jazz Combo |
| Bassoon | Concert Band | Chamber Music |
| Trumpet | Concert Band | Chamber Music, Jazz Ensemble |
| French Horn | Concert Band | Chamber Music |
| Trombone | Concert Band | Chamber Music, Jazz Ensemble |
| Euphonium | Concert Band | Chamber Music |
| Tuba | Concert Band | Chamber Music |
| Percussion | Concert Band | Chamber Music |
| Piano | Choir. One Voice | Chamber Music, Jazz <br> Ensemble, Jazz Combo |
| Harp | String Orchestra, Choir. One Voice | Chamber Music |
| Violin, Viola, Cello | String Orchestra | Chamber Music |
| Double Bass | String Orchestra | Chamber Music, Concert Band, Jazz Ensemble, Jazz Combo |
| Electric Bass Guitar | Choir. One Voice |  |
| Guitar | Choir. One Voice | Chamber Music, Jazz <br> Ensemble, Jazz Combo, <br> Vanguard Worship <br> Collective |
| Electric Guitar | Choir. One Voice |  |
| Voice | Choir. One Voice | Chamber Music |

## Program Learning Outcomes Student Learning Outcomes

## Literacy:

Demonstrate fluency in musicianship skills exhibiting an understanding of music theory, aural skills and sight-reading, knowledge of different musical styles, literature and historical eras, competency of basic music technology and proficiency in basic piano skills.

## Performance:

Demonstrate performance mastery of standard repertoire on a primary instrument, including knowledge in technique and historically appropriate performance style to the highest possible level based on individual talent level.

## Faith and Learning:

Articulate and apply the synthesis of faith, music and worship in the music major journey and anticipated future professional and service activities.

## Diversity:

Demonstrate awareness and understanding of diverse musical traditions and their historical, social and cultural significance.

## Program

Major:

- Music B.A. (p. 99)
- Music B.A. with a Concentration in Worship Leadership (p. 100)
- Music B.M. (Pre-Teacher Certificate) (p. 102)


## Minor:

- Music Minor (p. 105)


## Courses

## Music Courses

## MUSC-101 Basic Musicianship I 2 Credits

Designed for non-majors, music minors and prospective majors with no prior experience reading music. This course explores the basic elements of reading, writing, and hearing music. Students must receive a grade of "C-" or higher to advance to Basic Musicianship II (MUSC 106). This course does not count towards the music major/minor requirements.
MUSC-105A Class Pianol 1 Credit
Techniques of performance, note reading, and basic musicianship in successive levels. Open to all students. Class meets two hours per week. Lab fee. Offered Fall only.
Prerequisite: Take MUSC-101, MUSC-106; or placement by examination.
MUSC-105B Class Piano II 1 Credit
Techniques of performance, note reading, and basic musicianship in successive levels. The grade of "C-" or higher satisfies the Music Minor piano proficiency requirement. Class meets two hours per week. Lab fee. Offered Spring only.
Prerequisite: MUSC-105A or placement by examination

## MUSC-106 Basic Musicianship II 2 Credits

Designed for music major and minors as a preparatory course for the music theory sequence. This course explores the basic elements of historical musical style including major and minor scale construction, keys, intervals, notation, terms, time signatures, chord and melody construction, harmonic analysis, melody harmonization, including sightsinging and ear-training. This course does not count toward the music major/minor requirements.
Prerequisite: MUSC-101 or placement by examination

## MUSC-108 Beginning Guitar Class 1 Credit

Group guitar instruction open to all students, no previous experience necessary. Basic and intermediate guitar techniques, such as: tuning, major and minor open chords, chord charts, note reading and tablature, basic strumming patterns, basic finger picking, major, minor and pentatonic scales, and basic theory. Class meets two hours each week. Lab fee.

## MUSC-111 Beginning Voice Class 1 Credit

Group instruction in the fundamentals of singing. Class meets two hours each week. Lab fee.

## MUSC-124 Jazz Combo 1 Credit

Study and performance of jazz combo literature. Meets two hours each week. Open to all students by audition. Does not meet the music major ensemble requirement.

## MUSC-128 Harmony and Form I 3 Credits

Introduction to diatonic harmony and analysis of music. Introduction to musical form: phrases, periods and cadences. Offered Fall only. Terms Typically Offered: Fall.

## MUSC-129 Musicianship I 1 Credit

This course is designed to develop skills in sight singing, rhythm performance, rhythmic and harmonic dictation using simple diatonic melodies and harmony. Class meets two hours per week. Offered Fall only.
Prerequisite: MUSC-106 or placement by examination
Co-Requisite: MUSC-128
MUSC-133 Harmony and Form II 3 Credits
Continuation of diatonic harmony and analysis of music. Introduction to chromatic harmony and modulation to nearly-related keys. Introduction to binary and ternary forms. Offered Spring only.
Prerequisite: MUSC-128
Terms Typically Offered: Spring.

## MUSC-134 Musicianship II 1 Credit

This course is a continuation of MUSC-129 in the develpment of sight singing and dictation skills. Class meets two hours per week. Offered Spring only.
Prerequisite: MUSC-129 or placement by examiniation Co-Requisite: MUSC-133

## MUSC-145A Class Piano III 1 Credit

Techniques of performance, note reading, and basic musicianship in successive levels with specific emphasis on passing a piano proficiency exam section. Class meets two hours per week. Lab fee. Offered Fall only. Prerequisite: MUSC-105B or placement by examination
Terms Typically Offered: Fall.
MUSC-146 Class Piano IV: Keyboard Improvisation 1 Credit
The identification of foundational concepts and principles of improvisation. Emphasis on a variety of styles including worship, jazz, gospel, and pop. With specific emphasis on passing a piano proficiency exam section. Class meets two hours per week. Lab fee.
Prerequisite: MUSC-145A
MUSC-201 Introduction to Music Education 2 Credits
An overview of the music teaching profession and its philosophical and practical application for $\mathrm{K}-12$ schools. This course is required for the application for the Bachelor of Music with a major in Music Education degree. Offered Spring only.
Terms Typically Offered: Spring.

## MUSC-202C Intro to Music 3 Credits

A liberal arts course designed to develop knowledge of music from the listener's point of view. This objective is accomplished by introducing the materials and forms of music and the periods of music history. This course satisfies the core curriculum Fine Arts requirement. No previous musical background is necessary. The lab fee provides concert tickets. Terms Typically Offered: Fall and Spring.

MUSC-205A Class Piano V: Keyboard Improvisation 1 Credit
The identification of foundational concepts and principles of improvisation. Emphasis on a variety of styles including worship, jazz, gospel, and pop. With specific emphasis on passing a piano proficiency exam section. Class meets two hours per week. Lab fee. Offered Fall only. Prerequisite: MUSC-145B or placement by examination
Terms Typically Offered: Fall.

## MUSC-219 Vanguard Singers and Band 1 Credit

A music ministry group whose primary function is to represent the University at local churches, schools and conventions. Includes frequent weekend performances and an annual extended Summer tour. Study and performance of sacred choral literature of all styles with an emphasis on contemporary Christian music. Meets three hours each week. Lab fee.

## MUSC-223 Jazz Ensemble 1 Credit

Study and performance of jazz and big band literature. Performs at special concerts on and off campus; provides music at athletic events and other university functions. Meets three hours each week. Meets the BM Jazz Studies large ensemble requirement. Open to all students by audition.

## MUSC-225 Music Form and Literature I 3 Credits

Study of music from the Baroque and Classical periods with an emphasis on harmony and form. Introduction to canon, fugue, and larger formal procedures, including concerto and sonata forms. Offered Fall only. Prerequisite: MUSC-133
Terms Typically Offered: Fall.
MUSC-226 Musicianship III 1 Credit
This course is designed to develop advanced skills in sight singing, rhythm performance, rhythmic and harmonic dictation using complex diatonic and chromatic melodies and harmony. Class meets two hours per week. Offered Fall only.
Prerequisite: MUSC-134 or placement by examination

## Co-Requisite: MUSC-225

Terms Typically Offered: Fall.

## MUSC-228 Introduction to Music Technology 1 Credit

This course is designed for music majors and non-majors with little or no experience in music technology. Students will receive hands-on training in the basics of software sequencing, editing and mixing, as well as notation. Top industry standard DAW (Digital Audio Workstation) and notation software are used. Lab fee.
Prerequisite: MUSC-128

## MUSC-233 Music Form and Literature II 3 Credits

Study of music from the nineteenth century with an emphasis on harmony and form. Study of expanded sonata form, advanced chromatic harmony and extended tertian harmony. Offered Spring only.
Prerequisite: MUSC-225
Terms Typically Offered: Spring.

## MUSC-234 Musicianship IV 1 Credit

This course is a continuation of MUSC 226 in the development of advanced sight singing and dictation skills. Class meets two hours per week. Offered Spring only.
Prerequisite: MUSC-226
Terms Typically Offered: Spring.

## MUSC-240 University String Orchestra 1 Credit

Instrumental ensemble forthestudy and performance of string orchestra literature with further development of string musicians through rehearsals, sectionals, master classes and performance. Repertoire focus on: classics, spirituals, hymn/anthem arrangements and Christian worship music. This ensemble will join with the University Concert Band for full orchestra performancesand collaborate with local high school string musicians, community members and professional performers. Meets the music major large ensemble requirement.Open to all students by audition.
Terms Typically Offered: Fall and Spring.

## MUSC-241 Women's Chorus 1 Credit

The study, rehearsal, and performance of SSA (A) choral literature representative of all periods of music, including standard classical repertoire, spirituals, folk songs, hymn/anthem arrangements, and contemporary music. Outside ministry opportunities involve representing Vanguard University performing church and school concerts, including a week-long tour. Meets three hours weekly. Meets the ensemble requirement for music majors and minors and is an elective course. Open to all women, undergraduate and graduate students, by audition and interview.
Terms Typically Offered: Fall and Spring.

## MUSC-244 Concert Band 1 Credit

The Vanguard University Concert Band is a winds and percussion ensemble based on traditional concert band instrumentation and literature. The Concert Band performs large ensemble works and focuses on providing members with a variety of repertoire, including standards, popular works, new music, and non-traditional collaborations. This ensemble will also join with the String Orchestra for full orchestra performances. Concerts are on campus and at a variety of off-campus venues. Meets the music major large ensemble requirement. Open to all students, alumni, and community members by audition.
Terms Typically Offered: Fall, Spring, and Summer.

## MUSC-250 Concert Choir 1 Credit

The study and performance of major choral literature representative of all periods of music, including standard classical repertoire, spirituals, folk songs, hymn/anthem arrangements, and contemporary Christian music. Frequent church and school concerts (up to two per month), with Spring public relations tour. Meets three hours weekly. Meets the ensemble requirement for music majors and minors and is an elective course. Open to all undergraduate and graduate students by audition and interview. Terms Typically Offered: Fall and Spring.

## MUSC-253 Music in Global Cultures 2 Credits

A survey of music and literature primarily focusing on music in global cultures. Offered Fall only. Lab fee.
Terms Typically Offered: Fall.

## MUSC-270 Introduction to Jazz Improvisation 2 Credits

Basic techniques in improvisation, beginning with simple question and answer phrases and progressing to extended solos. Development of modal and ii-V-I chord progressions through instrumental performance. Offered Fall only.
Terms Typically Offered: Fall.

## MUSC-273 Introduction to Conducting 1 Credit

An introduction to conducting patterns and techniques, with an emphasis on providing experience in conducting hymns and songs for worship.
Focus will be on providing basics in leading the choral and instrumental rehearsal.
Prerequisite: MUSC-131

## MUSC-291 Special Topic: 1 Credit

Study of a special topic in music. May be repeated for credit.

## MUSC-292 Special Topic: 2 Credits

Study of a special topic in music. May be repeated for credit.
MUSC-293 Special Topic: 3 Credits
Study of a special topic in music. May be repeated for credit.

## MUSC-301 Counterpoint I 2 Credits

The study and writing of traditional contrapuntal forms in two, three and four parts, including two-part inventions, canons and fugues. Offered Fall only.
Prerequisite: MUSC-225
Terms Typically Offered: Fall.

## MUSC-311 Teaching Music/Multclt Setting 3 Credits

Students seeking to complete the subject matter program in Music must take this class as part of that program to ensure that they are integrating historical content with their pedagogical experience. This course provides the philosophical background and classroom experience necessary to introduce a person to the teaching profession in a public or private school in a multicultural environment. The purpose of the class is to assist the student to gain an understanding of the resources and challenges facing a teacher serving a linguistically and culturally diverse student population. Discussion will focus on the major professional organizations and educational research related to the philosophical, historical, and demographic developments of American education. Students will complete a 30 hour field work component to observe classroom management and organization, Specially Designed Academic Instruction Delivered in English (SDAIE) instructional practices, and the curricula of grades $\mathrm{K}-12$. The role and function of Christian beliefs and values in the public school will be integrated throughout the course. This course is a prerequisite requirement for the Multiple and Single Subject Credential programs. Lab Fee.
Prerequisite: MUSC-337, MUSC-338 or MUSC-339
Terms Typically Offered: Fall and Spring.

## MUSC-312 Woodwind Techniques 1 Credit

Elementary instruction on woodwinds focusing on: tone production, techniques, and care of the instruments. An introduction to the teaching of the woodwind instruments. Offered Fall of even years. Lab fee.
Terms Typically Offered: Fall, even years.

## MUSC-313 Brass Techniques 1 Credit

Elementary instruction in brass instruments: tone production, techniques, and care of the instruments. This course is an introduction to the teaching of the brass instruments. Offered Spring of even years. Lab fee. Terms Typically Offered: Spring, even years.

MUSC-319 Vanguard Singers and Band 1 Credit
Refer to MUSC 219 . Vanguard Singers and Band Terms Typically Offered: Fall and Spring.

MUSC-322 Percussion Ensemble 1 Credit
Refer to MUSC 222 . Percussion Ensemble

MUSC-323 Jazz Ensemble 1 Credit
Refer to MUSC 223 . Jazz Ensemble
MUSC-325 Music Hist/Literature I (before 1600) 3 Credits
A survey of music history and literature from ancient times through the Baroque era (1750). Offered Fall only. Lab fee.
Prerequisite: FINA-215C, Bachelor or Music Candidate or permission ofinstructor
Terms Typically Offered: Fall.
MUSC-326 Music Hist/Lit II (1600-1900) 3 Credits
A survey of music history from the Classical and Romantic eras (17501900). Offered Spring only. Lab fee

Prerequisite: FINA-215C, Bachelor of Music candidate, or permission ofinstructor
Terms Typically Offered: Spring.

## MUSC-327 Music History \& Literature III 2 Credits

A survey of music history primarily focusing on the music of the twentieth century. Offered Fall only. Lab fee.
Prerequisite: FINA-215C, Bachelor of Music candidate, or permission ofinstructor
Terms Typically Offered: Fall.

## MUSC-333 String Techniques 1 Credit

Elementary instruction in strings: tone production, techniques, and care of the instruments. This course is an introduction to the teaching of strings. Offered Fall of odd years. Lab fee.

## MUSC-334 Percussion Techniques 1 Credit

Elementary instruction in percussion: techniques and care of the instruments. This course is an introduction to the teaching of percussion. Offered Spring of odd years. Lab fee.
Terms Typically Offered: Spring, odd years.

## MUSC-336 Music Form and Literature III 3 Credits

Study of music in the twentieth century, with an emphasis on post-tonal harmonic and motivic analysis, set theory, serialism, texture and timbre. Study of the application of formal procedures to post-tonal music. (Fall) Prerequisite: MUSC-233
Terms Typically Offered: Fall.

## MUSC-337A Music for Elementary Schools 3 Credits

The course looks at purpose, curriculum, and methods of music education in the elementary school. There will be a survey of materials with consideration of their appropriateness in a sequential program of musical growth. Lab teaching required.
MUSC-337B Music for Elementary Schools 3 Credits
This course looks at purpose, curriculum, and methods of music education in the elementary school. There will be a survey of materials with consideration of their appropriateness in a sequential program of musical growth.

## MUSC-338 Secondary Instrumental Music Methods And Literature 2

 CreditsThe course examines the purposes, curriculum, and methods of instrumental music education for secondary school. Study will relate to school instrumental organization, lesson plan development, and techniques of marching band development. Emphasis will be placed on the study of appropriate repertoire and materials available to establish a competitive school music program. Lab teaching required. Offered Fall of odd years.
Terms Typically Offered: Fall, odd years.

MUSC-339 Secondary Vocal Music Methods and Literature 2 Credits
This course exams the purposes, curriculum, and methods of vocal music education in the secondary school, relating to school choral organization, the changing adolescent voice, and appropriate repertoire and materials.
Lab teaching required. Offered Fall of even years.
Terms Typically Offered: Fall, even years.

## MUSC-340 University String Orchestra 1 Credit

Refer to MUSC 240 . Instrumental ensemble forthestudy and performance of string orchestra literature with further development of string musicians through rehearsals, sectionals, master classes and performance. Repertoire focus on: classics, spirituals, hymn/anthem arrangements and Christian worship music. This ensemble will join with the University Concert Band for full orchestra performancesand collaborate with local high school string musicians, community members and professional performers. Meets the music major large ensemble requirement.Open to all students by audition.
Terms Typically Offered: Fall and Spring.
MUSC-341 Women's Chorus 1 Credit
Refer to MUSC 241 . Women's Chorus
Terms Typically Offered: Fall and Spring.

## MUSC-343 Songwriting 3 Credits

This course covers principles of songwriting and arranging in the context of worship music. Contemporary style, popular song forms, chord progressions, and formation of melodic ideas are explored. Coverage of effective lyric writing includes developing song ideas, the hook, rhyme scheme, and the use of literary devices. Student must be able to selfaccompany via guitar, ukulele, piano, garage band, for example.

## MUSC-344 Concert Band 1 Credit

Refer to MUSC-244 Concert Band.
Terms Typically Offered: Fall, Spring, and Summer.

## MUSC-345 Chamber Music Consortium 1 Credit

Study and performance of repertoire for various mixed-ensembles, instrumental and/or vocal. Students will be assigned one or more compositions from various genres which will be studied in depth through weekly rehearsals and coaching sessions. All work will culminate in a final concert.
Terms Typically Offered: Fall and Spring.
MUSC-346 Foundations \& Multiculturalsm in Worship 3 Credits Foundations and multiculturalism are rooted in Biblical and historical survey of worship. Key worship passages and biblical models of worship will be relevantly applied to current practices and multicultural inclusion in the church.

MUSC-350 Concert Choir 1 Credit
Refer to MUSC 250 . Concert Choir
Terms Typically Offered: Fall and Spring.

## MUSC-352 Internship 1 Credit

A 12-week internship in the music industry (non-profit, church or forprofit). Students are required to work 50 hours for each academic unit hour received. Internships may take place in the fields of music retail and wholesale, arts management, marketing, promotions, reocrding, live sound, venue operations, sound design, arts education and/or audio production. Students are encouraged to have their resume and cover letter reviewed by VU Career Services and formally apply for their potential internship programs well before their internship semester. Course may be repeated one time for credit.
Prerequisite: MUSC-462

## MUSC-373 Choral Conducting 2 Credits

Practical experience in conducting techniques emphasizing the fundamentals and art of choral conducting and expressive gestures. Topics to be addressed include: advanced conducting patterns, gestural technique and cues, repertoire for both school and church and choral rehearsal methods and procedures. Offered Fall only.
Prerequisite: MUSC-273
Terms Typically Offered: Fall.

## MUSC-374 Instrumental Conducting 2 Credits

Practical experience in conducting techniques emphasizing orchestra and band music. Experience in preparing and presenting orchestral/band scores as well as advanced instrumental score preparation, rehearsal methods and baton technique. Offered Spring only. Lab fee.
Prerequisite: MUSC-273
Terms Typically Offered: Spring.

## MUSC-382 Instrumental Pedagogy 2 Credits

This course is designed for students to analyze applied studio teaching techniques in order to effectively teach instruments at all levels. Learning styles, private studio procedures, and lesson planning through analysis of various method books and materials are examined. Included observation of private studio instruction and supervised experience teaching private lessons. Offered upon demand.

## MUSC-392 Worship Forum Practicum 1 Credit

This course will create a unity and cohort within the Worship Leadership students, whil prividng students with hands-on experience with crafting, leading rehearsals and executing a well-thought out and theologically based worship service. May be repeated up to eight times for credit. Lab fee.

## MUSC-403 Instrumental Arranging 2 Credits

A study of the instruments of the orchestra, scoring for various
combinations and for full orchestra. Offered Fall only.
Prerequisite: MUSC-133
Terms Typically Offered: Fall.

## MUSC-406C Music and Worship 3 Credits

An overview of the biblical foundations and historical developments of worship, which provide precedent for worship in the contemporary church. From this foundation, practical guidelines for effective biblical worship design and church music leadership will be explored. Students will develop a philosophy of worship as well as a personal reflection upon the developing synthesis of faith and their craft or area of study while at VUSC. This course fulfills the Core Curriculum Capstone requirement for Bachelor of Arts General Music majors. Offered Spring only. Terms Typically Offered: Spring.

## MUSC-407 Creative Worship Workshop 3 Credits

This course will equip a modern worship leader to adequately serve the contemporary church. Skills developed will include service crafting, team building, rehearsal management, music directing, production management and use of church management software.

## MUSC-409 Music Administration and Leadership 3 Credits

This course focuses on the philosophy, concepts, structure, relationships, activities, organizational tools and administrative skills (including leadership) utilized in church life that typically fill the Monday through Friday work week. These add legitimacy, validity and efficacy to the overall ministry of church music as well as strengthen and enrich worship on Sunday. The introduction and practice of leadership will emphasize and examine: understanding leadership; recognizing leadership traits; engaging people's strengths; understanding philosophy and styles; attending to tasks and relationships; developing leadership skills; creating a vision; establishing a constructive climate; handling conflict; addressing ethics in leadership and overcoming obstacles.

## MUSC-410 Choral Arranging 2 Credits

Arranging for choral ensembles with and without instrumental accompaniment in a variety of styles, including traditional, popular, and jazz. Offered Spring only.
Prerequisite: MUSC-133
Terms Typically Offered: Spring.

## MUSC-411 Creative Worship/Contemp Chur 2 Credits

This course is designed to teach how to craft a theologically relevant service; overseeing the sound and media; clarifying the role of visuals; building the team and managing rehearsals; working with the band; relating to pastor. Emphasis on skill development and student projects. Offered Spring of odd years.
Prerequisite: MUSC-309
Terms Typically Offered: Spring, odd years.

## MUSC-420 Vocal Pedagogy 2 Credits

Scientific exploration into the workings of the vocal mechanism and the technique of vocal production. A survey of common vocal faults, corrective exercises and an overview of various vocal styles will be included. Under supervision of voice faculty, students will be required to teach a private voice student (basic instruction or non-college student), 30 minutes per week for six weeks towards the end of semester. Offered Spring of odd years.
Terms Typically Offered: Spring, odd years.

## MUSC-462 Music and Business 3 Credits

A study of the business aspects of the music industry including topics such as identification of the management team, the recording industry, songwriting and music publishing, touring, music merchandising and motion picture music. Offered Fall of even years.
Terms Typically Offered: Fall, even years.

## MUSC-465 Senior Presentation 1 Credit

After successful jury level attainment and passing this public solo, student presentation consists of 20-30 minutes of music based on repertoire learned over the years of study at Vanguard University. Final grade is given by a committee of the Deaprtment of Music faculty. Lab fee.

MUSC-470 Special Topic: 1-3 Credits
Study of a special topic in music. May be repeated for credit.
MUSC-490 Seminar. 1-3 Credits

## MUSC-491C Recital and Research 2 Credits

Preparation and presentation of representative works on the primary instrument in a thirty minute solo recital. Also, includes independent research project specific to area of study and a reflection paper discussing the synthesis of faith and music within the academic journey. Final grade is given by a committee of the Department of Music faculty. This course fulfills the Core Curriculum Capstone requirement for the Bachelor of Arts in General Music with an emphasis in Applied Music and Bachelor of Music in Church Music and Music Education. Lab fee. Co-Requisite: MUSI-402; MUSI-412; MUSI-422; or MUSI-492

## Private Instruction Applied Courses

## MUSI-101 Basic Instruction: Voice 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-102 Basic Instruction: Voice 1 Credit
Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-111 Basic Instruction: Piano 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-112 Basic Instruction: Piano 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-121 Basic Instruction: Guitar 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-122 Basic Instruction: Guitar 1 Credit
Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-131 Basic Music: Organ 1 Credit
Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

MUSI-132 Basic Music: Organ 1 Credit
Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-191 Basic Instruction: Instrument 1 Credit
Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-192 Basic Instruction: Instrument 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-200 Recital Attendance 0 Credits

Techniques of artistic performance explored through demonstrations, master classes, and recitals presented by selected students from music majors, faculty and guest artists. Recital and performance attendance required. Offered on a Credit/Fail basis only. Music Majors should register for Section 01. Music Minors should register for Section 02. Participants should register for Section 03.
Terms Typically Offered: Fall and Spring.

## MUSI-201 Applied Instruction: Voice 1 Credit

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-202 Applied Instruction: Voice 2 Credits

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-211 Applied Instruction: Piano 1 Credit

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-212 Applied Instruction: Piano 2 Credits
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

MUSI-221 Applied Instruction: Guitar 1 Credit
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-222 Applied Instruction: Guitar 2 Credits
Pre- or Co-Requisite: Take MUSI-200
MUSI-231 Applied Music: Organ 1 Credit
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-232 Applied Instruction: Organ 2 Credits

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-291 Applied Instruction: Instrument 1 Credit

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-292 Applied Instruction: Instrument 2 Credits
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-301 Basic Instruction: Voice 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-302 Basic Instruction: Voice 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-311 Basic Instruction: Piano 1 Credit
Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-312 Basic Instruction: Piano 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-321 Basic Instruction: Guitar 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-322 Basic Instruction: Guitar 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-331 Basic Instruction: Organ 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-332 Basic Instruction: Organ 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-391 Basic Instruction: Instrument 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-392 Basic Instruction: Instrument 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-401 Applied Instruction: Voice 1 Credit

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-402 Applied Instruction: Voice 2 Credits

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

MUSI-411 Applied Instruction: Piano 1 Credit
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-412 Applied Instruction: Piano 2 Credits
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-421 Basic Instruction: Guitar 1 Credit
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-422 Applied Instruction: Guitar 2 Credits
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-431 Applied Instruction: Organ 1 Credit
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-432 Basic Instruction: Organ 2 Credits
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-491 Applied Instruction: Instrument 1 Credit
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-492 Applied Instruction: Instrument 2 Credits
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## Private Instruction Performance Courses

MUPF-177 Applied Music:Piano 2 Credits
Co-Requisite: MUSI-200
MUPF-278 Applied Music: Voice 2 Credits
Co-Requisite: MUSI-200

MUPF-318 Applied Music: Voice 2 Credits
Co-Requisite: MUSI-200
MUPF-477 Applied Music: Piano 2 Credits
Co-Requisite: MUSI-200

## Applied Composition Jazz Studies

## MUJZ-355C Jazz Music History 3 Credits

A study of the evolution of American jazz music from its roots in Africa to the present day. Presents development of various musical styles, forms, improvisations, significant musical concepts and major figures from the past, present and future of jazz and commercial music. Includes an introduction to world music elements. This course satisfies the Core Curriculum Fine Arts requirement. Lab fee provides for concert tickets.

## Music B.A. <br> Requirements

The Bachelor of Arts in Music degree is designed for the student who wishes to study music in the liberal arts degree context. This degree provides a versatile balance of skills which provides the foundation for an array of jobs: private music studio, composition, music industry, music journalism, community music, etc. The Bachelor of Arts in Music is also well-suited for those students who wish to double major with music and another degree at Vanguard University.

| Code $\quad$ Title | Units |
| :--- | ---: |
| Core Curriculum Requirements $(\text { p. 62 })^{1}$ | 53 |
| Major Core Requirements | 53 |
| Electives | $\mathbf{1 4}$ |
| Total Units | $\mathbf{1 2 0}$ |

## Music Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Musicianship Requirements |  |  |
| MUSC-128 | Harmony and Form I | 3 |
| MUSC-129 | Musicianship I | 1 |
| MUSC-133 | Harmony and Form II | 3 |
| MUSC-134 | Musicianship II | 1 |
| MUSC-225 | Music Form and Literature I | 3 |
| MUSC-226 | Musicianship III | 1 |
| MUSC-228 | Introduction to Music Technology | 1 |
| MUSC-273 | Introduction to Conducting | 1 |
| MUSC-325 | Music Hist/Literature I (before 1600) | 3 |
| MUSC-326 | Music Hist/Lit II (1600-1900) | 3 |
| MUSC-327 | Music History \& Literature III | 2 |
| MUSC-406C | Music and Worship | 3 |
| Select two units | according to applied instrument: | 2 |
| MUSC-373 |  | Choral Conducting |
| MUSC-374 | Instrumental Conducting | 2 |
| Select two units according to applied instrument: |  |  |
| MUSC-382 | Instrumental Pedagogy |  |


| MUSC-420 | Vocal Pedagogy |  |
| :---: | :---: | :---: |
| Select two units according to applied instrument: |  | 2 |
| MUSC-403 | Instrumental Arranging |  |
| MUSC-410 | Choral Arranging |  |
| Performance Requirements |  |  |
| MUSC-105A | Class Piano I | 1 |
| MUSC-105B | Class Piano II | 1 |
| MUSC-145A | Class Piano III | 1 |
| MUSC-146 | Class Piano IV: Keyboard Improvisation (Or completion of Piano Proficiency Exam) | 1 |
| Large Ensemble: |  |  |
| MUSC-240 | University String Orchestra | 1 |
| MUSC-241 | Women's Chorus | 1 |
| MUSC-250 | Concert Choir (one unit) | 1 |
| MUSC-340 | University String Orchestra | 1 |
| MUSC-341 | Women's Chorus | 1 |
| MUSC-350 | Concert Choir (one unit) | 1 |
| Applied Instruction: |  |  |
| Select six hours of the following: |  | 6 |
| MUSC-108 | Beginning Guitar Class |  |
| MUSC-111 | Beginning Voice Class |  |
| MUSI-201 <br> \& MUSI-401 | Applied Instruction: Voice and Applied Instruction: Voice |  |
| MUSI-211 <br> \& MUSI-411 | Applied Instruction: Piano and Applied Instruction: Piano |  |
| MUSI-221 <br> \& MUSI-421 | Applied Instruction: Guitar and Basic Instruction: Guitar |  |
| MUSI-231 <br> \& MUSI-431 | Applied Music: Organ and Applied Instruction: Organ |  |
| MUSI-291 <br> \& MUSI-491 | Applied Instruction: Instrument and Applied Instruction: Instrument |  |
| MUSI-200 | Recital Attendance (Co-requisite with Applied Instruction) | 0 |
| Secondary Instrument: |  |  |
| Select two units | from the following: | 2 |

1
Number of units required from the Core Curriculum not included in the major requirements below.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Music.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

## Music B.A. with a Concentration in Worship Leadership <br> Requirements

The Bachelor of Arts in Music degree is designed for the student who wishes to study music in the liberal arts degree context. This degree provides a versatile balance of skills which provides the foundation for an array of jobs: private music studio, composition, music industry, music journalism, community music, etc. The Bachelor of Arts in Music is also well-suited for those students who wish to double major with music and another degree at Vanguard University.

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements $(\text { p. 62 })^{1}$ | 53 |
| Major Core Requirements | 53 |
| Worship Leadership Concentration Requirements | 15 |
| Total Units | $\mathbf{1 2 1}$ |

## Music Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Musicianship Requirements |  |  |
| MUSC-128 | Harmony and Form I | 3 |
| MUSC-129 | Musicianship I | 1 |
| MUSC-133 | Harmony and Form II | 3 |
| MUSC-134 | Musicianship II | 1 |
| MUSC-225 | Music Form and Literature I | 3 |
| MUSC-226 | Musicianship III | 1 |


| MUSC-228 | Introduction to Music Technology | 1 |
| :---: | :---: | :---: |
| MUSC-273 | Introduction to Conducting | 1 |
| MUSC-325 | Music Hist/Literature I (before 1600) | 3 |
| MUSC-326 | Music Hist/Lit II (1600-1900) | 3 |
| MUSC-327 | Music History \& Literature III | 2 |
| MUSC-406C | Music and Worship | 3 |
| Select two units according to applied instrument: |  | 2 |
| MUSC-373 | Choral Conducting |  |
| MUSC-374 | Instrumental Conducting |  |
| Select two units according to applied instrument: |  | 2 |
| MUSC-382 | Instrumental Pedagogy |  |
| MUSC-420 | Vocal Pedagogy |  |
| Select two units according to applied instrument: |  | 2 |
| MUSC-403 | Instrumental Arranging |  |
| MUSC-410 | Choral Arranging |  |
| Performance Requirements |  |  |
| MUSC-105A | Class Piano I | 1 |
| MUSC-105B | Class Piano II | 1 |
| MUSC-145A | Class Piano III | 1 |
| MUSC-146 | Class Piano IV: Keyboard Improvisation (Or completion of Piano Proficiency Exam) | 1 |
| Large Ensemble: |  |  |
| MUSC-240 | University String Orchestra | 1 |
| MUSC-241 | Women's Chorus | 1 |
| MUSC-250 | Concert Choir (one unit) | 1 |
| MUSC-340 | University String Orchestra | 1 |
| MUSC-341 | Women's Chorus | 1 |
| MUSC-350 | Concert Choir (one unit) | 1 |
| Applied Instruction: |  |  |
| Select six hours of the following: |  | 6 |
| MUSC-108 | Beginning Guitar Class |  |
| MUSC-111 | Beginning Voice Class |  |
| MUSI-201 <br> \& MUSI-401 | Applied Instruction: Voice and Applied Instruction: Voice |  |
| MUSI-21 1 <br> \& MUSI-411 | Applied Instruction: Piano and Applied Instruction: Piano |  |
| MUSI-221 <br> \& MUSI-421 | Applied Instruction: Guitar and Basic Instruction: Guitar |  |
| MUSI-231 <br> \& MUSI-431 | Applied Music: Organ and Applied Instruction: Organ |  |
| MUSI-291 <br> \& MUSI-491 | Applied Instruction: Instrument and Applied Instruction: Instrument |  |
| MUSI-200 | Recital Attendance (Co-requisite with Applied Instruction) | 0 |
| Secondary Instrument: |  |  |
| Select two units from the following: |  | 2 |
| MUSI-101 <br> \& MUSI-301 | Basic Instruction: Voice and Basic Instruction: Voice |  |
| MUSI-111 <br> \& MUSI-311 | Basic Instruction: Piano and Basic Instruction: Piano |  |


| MUSI-121 | Basic Instruction: Guitar |  |
| :--- | :--- | ---: |
| \& MUSI-321 | and Basic Instruction: Guitar |  |
| MUSI-131 | Basic Music: Organ |  |
| \& MUSI-331 | and Basic Instruction: Organ |  |
| MUSI-191 | Basic Instruction: Instrument |  |
| \& MUSI-391 | and Basic Instruction: Instrument | 1 |
| MUSC-352 | Internship | $\mathbf{1}$ |
| MUSC-462 | Music and Business | $\mathbf{5 3}$ |

## Concentration in Worship Leadership

The Worship Leadership concentration provides readiness for service in the church ministry environment. The coursework uniquely develops worship leader skills needed for today's churches: multiculturalism, creative worship, music leadership, administrative practices, and songwriting. Additionally, students will have the opportunity to participate in a practical learning environment with other worship leaders, recording artists, and guest speakers in the Worship Forum Practicum.

| Code | Title | Units |
| :---: | :---: | :---: |
| MUSC-343 | Songwriting | 3 |
| MUSC-346 | Foundations \& Multiculturalsm in Worship | 3 |
| MUSC-392 | Worship Forum Practicum | 1 |
| MUSC-407 | Creative Worship Workshop | 3 |
| MUSC-409 | Music Administration and Leadership | 3 |
| Applied Instruction: |  | 2 |
| Select two units from the following: |  |  |
| MUSI-201 <br> \& MUSI-401 | Applied Instruction: Voice and Applied Instruction: Voice |  |
| MUSI-211 <br> \& MUSI-411 | Applied Instruction: Piano and Applied Instruction: Piano |  |
| MUSI-221 <br> \& MUSI-421 | Applied Instruction: Guitar and Basic Instruction: Guitar |  |
| MUSI-231 <br> \& MUSI-431 | Applied Music: Organ and Applied Instruction: Organ |  |
| MUSI-291 <br> \& MUSI-491 | Applied Instruction: Instrument and Applied Instruction: Instrument |  |
| MUSI-200 | Recital Attendance (Co-requisite with Applied Instruction) | 0 |

## Total Units

1
Number of units required from the Core Curriculum not included in the major requirements below.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related
to courses listed in a particular year and term. Questions, contact the Department of Music.

| Course | Title | Units |
| :---: | :---: | :---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| MUSI-PL200 | Music Applied Instr 200 Level | 1 |
| NT-101C | New Testament Survey | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| MUSC-101 | Basic Musicianship I | 2 |
| MUSC-105A | Class Piano I | 1 |
| MUSI-200 | Recital Attendance | 0 |
| MUSC-392 | Worship Forum Practicum | 1 |
| MUSC-PLLE | Music Large Ensemble | 1 |
|  | Units | 16 |
| Year 1 Term 2 |  |  |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| MATH-PLSTAT | Math Sci Stat Or Into to Stat | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| MUSC-106 | Basic Musicianship II | 2 |
| MUSC-105B | Class Piano II | 1 |
| MUSC-PLLE | Music Large Ensemble | 1 |
| MUSI-200 | Recital Attendance | 0 |
| MUSI-PL200 | Music Applied Instr 200 Level | 1 |
| MUSC-392 | Worship Forum Practicum | 1 |
|  | Units | 18 |
| Year 2 Term 1 |  |  |
| OT-201C | Old Testament Survey | 3 |
| MUSC-462 | Music and Business | 3 |
| MUSC-128 | Harmony and Form I | 3 |
| MUSC-129 | Musicianship I | 1 |
| MUSC-145A | Class Piano III | 1 |
| MUSC-273 | Introduction to Conducting | 1 |
| MUSC-PLLE | Music Large Ensemble | 1 |
| MUSI-200 | Recital Attendance | 0 |
| MUSI-PL200 | Music Applied Instr 200 Level | 1 |
| MUSC-392 | Worship Forum Practicum | 1 |
|  | Units | 15 |
| Year 2 Term 2 |  |  |
| THEO-PLHD | Theology Core Requirement | 3 |
| MUSC-392 | Worship Forum Practicum | 1 |
| MUSC-407 | Creative Worship Workshop | 3 |
| MUSC-133 | Harmony and Form II | 3 |
| MUSC-134 | Musicianship II | 1 |
| MUSC-146 | Class Piano IV: Keyboard Improvisation | 1 |
| MUSC-228 | Introduction to Music Technology | 1 |
| MUSC-374 | Instrumental Conducting | 2 |


| MUSC-PLLE | Music Large Ensemble | 1 |
| :--- | :--- | ---: |
| MUSI-200 | Recital Attendance | 0 |
| MUSI-PL200 | Music Applied Instr 200 Level | 1 |
|  | Units | $\mathbf{1 7}$ |
| Year 3 Term 1 |  | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| MUSC-225 | Music Form and Literature I | 1 |
| MUSC-226 | Musicianship III | 1 |
| MUSC-PLLE | Music Large Ensemble | 0 |
| MUSI-200 | Recital Attendance | 1 |
| MUSI-PL200 | Music Applied Instr 200 Level | 3 |
| MUSC-343 | Songwriting | $\mathbf{1 5}$ |


| Year 3 Term 2 |  | 3 |
| :--- | :--- | ---: |
| ENGL-220C | Researched Writing | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| MUSC-326 | Music Hist/Lit II (1600-1900) | 1 |
| MUSC-PLLE | Music Large Ensemble | 0 |
| MUSI-200 | Recital Attendance | 1 |
| MUSI-PL400 | Music Applied Instr 400 Level | 2 |
| MUSC-382 | Instrumental Pedagogy | 3 |
| MUSC-409 | Music Administration and Leadership | $\mathbf{1 6}$ |


| Year 4 Term 1 |  |  |
| :--- | :--- | ---: |
| CHIS-400C | Christian Heritage | 3 |
| ENGL-230 | Literary Perspectives | 3 |
| MUSC-352 | Internship | 1 |
| MUSI-PL200 | Music Applied Instr 200 Level | 1 |
| MUSC-PLLE | Music Large Ensemble | 1 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | $\mathbf{1 2}$ |

Year 4 Term 2
FINA-PLCR Fine Arts Core Curriculum Requirement 3
NSCI-PLCR Science Lec/Lab Requirement 4
MUSC-352 Internship 1

MUSC-406C Music and Worship 3
MUSI-PL200 Music Applied Instr 200 Level 1
MUSC-PLLE Music Large Ensemble 1
ELCT-PLHD1 Elective Course 1 Unit 1

| Units | 14 |
| :--- | :--- |

Total Units 123

## Music B.M. (Pre-Teacher Certificate) Requirements <br> The Bachelor of Music degree is a professional degree program. <br> Students must have earned and maintain a GPA of 2.5 or higher. <br> Failing MUSI-200 Recital Attendance, is not acceptable and will be cause

for Bachelor of Music program probation. These academic requirements must be maintained to continue in the Bachelor of Music degree plan. Students must complete their piano proficiency prior to their Senior PreRecital Hearing.

| Code $\quad$ Title | Units |
| :--- | ---: |
| Core Curriculum Requirements (p. 62) |  |
| Major Core Requirements | 53 |
| Pre-Teacher Certificate (p. 103) | 49 |

## Total Units

## Music Major Core Requirements

Code Title Units

| Musicianship Requirements |  |  |
| :--- | :--- | :--- |
| MUSC-128 | Harmony and Form I | 3 |
| MUSC-129 | Musicianship I | 1 |
| MUSC-133 | Harmony and Form II | 3 |
| MUSC-134 | Musicianship II | 1 |
| MUSC-228 | Introduction to Music Technology | 1 |
| MUSC-225 | Music Form and Literature I | 3 |
| MUSC-226 | Musicianship III | 1 |
| MUSC-336 | Music Form and Literature III | 3 |
| MUSC-234 | Musicianship IV | 1 |
| MUSC-273 | Introduction to Conducting | 1 |
| Music History |  | 2 |
| MUSC-253 | Music in Global Cultures | 3 |
| MUSC-325 | Music Hist/Literature I (before 1600) | 3 |
| MUSC-326 | Music Hist/Lit II (1600-1900) | 2 |
| MUSC-327 | Music History \& Literature III |  |
| Select one from |  | 2 |


| MUSC-373 | Choral Conducting |  |
| :---: | :--- | :---: |
| MUSC-374 | Instrumental Conducting | 3 |
| MUSC-233 | Music Form and Literature II | 2 |
| MUSC-403 | Instrumental Arranging |  |

Performance Requirements ${ }^{3}$

| MUSC-105A | Class Piano I | 1 |
| :--- | :--- | ---: |
| MUSC-105B | Class Piano II | 1 |
| MUSC-145A | Class Piano III | 1 |
| MUSC-146 | Class Piano IV: Keyboard Improvisation (or <br> completion of Piano Proficiency) | 1 |

Large Ensemble
Select eight units of the following: 8

| MUSC-240 | University String Orchestra |
| :--- | :--- |
| MUSC-241 | Women's Chorus |
| MUSC-250 | Concert Choir (one unit) |
| MUSC-340 | University String Orchestra |
| MUSC-350 | Concert Choir (one unit) |
| Applied Instruction |  |
| Select two units from the following: | 2 |

MUSI-201 Applied Instruction: Voice

| MUSI-211 | Applied Instruction: Piano |  |
| :--- | :--- | :--- |
| MUSI-221 | Applied Instruction: Guitar |  |
| MUSI-231 | Applied Music: Organ |  |
| MUSI-291 | Applied Instruction: Instrument |  |
| MUSI-200 | Recital Attendance (Co-requisite with Applied <br> Instruction) | $\mathbf{0}$ |
| Total Units |  | 49 |
| $\mathbf{1}$ |  |  |
| Number of units required from the Core Curriculum not included in the |  |  |
| major requirements below. |  |  |
| $\mathbf{2}$ |  |  |

Candidates for Jazz Studies must take MUJZ-355C Jazz Music History in lieu of MUSC-325 Music Hist/Literature I (before 1600).

Piano candidates must have passed Piano Proficiency to apply to the Bachelor of Music degree program.

## Pre-Teacher Certification

Our degree is designed to equip students to pursue careers in teaching elementary, junior high or high school music in the private or public school setting. We are the only private college in Orange County that is endorsed by The California Commission on Teacher Credentialing for public schools for the Bachelor of Music in Pre-Teacher Certification (Music Education). This means that our students who successfully complete this degree may directly enter a credentialing program without first taking the three CSET subtests.

Current students complete classroom observations, participate in field work with a master teacher, attend professional conferences, and are active members of the student chapter of the National Association for Music Education (NAfME).

Recent alumni have completed their teaching credential and/or Master of Education degree and secured teaching positions in school districts such as Los Angeles, Newport-Mesa, Orange, Placentia, San Bernardino, and Tustin.

Pre-Teacher Certification students are advised to take POLS-155C
American Democracy in lieu of HIST-156C U.S. History and ANTH-453
Language,Culture/Linguistics(Pre-Req.: ANTH-102C Intro to Cultural
Anthropology) for entrance into the Vanguard University Credentialing
program.

| Code | Title | Units |
| :--- | :--- | ---: |
| Small Ensemble (1 unit) | 2 |  |
| MUSC-108 | Beginning Guitar Class | 1 |
| MUSC-111 | Beginning Voice Class | 1 |
| MUSC-201 | Introduction to Music Education | 2 |
| MUSC-270 | Introduction to Jazz Improvisation | 2 |
| MUSC-311 | Teaching Music/Multclt Setting | 3 |
| MUSC-312 | Woodwind Techniques | 1 |
| MUSC-313 | Brass Techniques | 1 |
| Select alternate | Conducting course not previously taken | 2 |
| MUSC-333 | String Techniques | 1 |
| MUSC-334 | Percussion Techniques | 1 |
| MUSC-337A | Music for Elementary Schools | 3 |


| MUSC-338 | Secondary Instrumental Music Methods And <br> Literature | 2 |
| :--- | :--- | ---: |
| MUSC-339 | Secondary Vocal Music Methods and Literature | 2 |
| MUSC-410 | Choral Arranging | 2 |
| Applied Instruction (4 units lower/ 8 units upper) | 12 |  |
| MUSI-202/402 | Applied Instruction: Voice |  |
| MUSI-212/412 | Applied Instruction: Piano |  |
| MUSI-222/422 | Applied Instruction: Guitar |  |
| MUSI-232/432 | Applied Instruction: Organ |  |
| MUSI-292/492 | Applied Instruction: Instrument |  |
| MUSI-200 | Recital Attendance (Co-requisite with Applied <br> Instruction) | 0 |
| MUSC-491C | Recital and Research ${ }^{1}$ | 2 |
| Total Units |  | $\mathbf{4 0}$ |

## 1

Students failing the teaching project portion of MUSC-491C Recital and Research will be required to enroll and take the course again.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Music.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | :---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| HSPS-PLCR | History/Political Sci Core Requirement | 3 |
| MATH-PLCR | Math Core Requirement | 3 |
| MUSC-105A | Class Piano I | 1 |
| MUSC-111 | Beginning Voice Class | 1 |
| MUSC-128 | Harmony and Form I | 3 |
| MUSC-129 | Musicianship I | 1 |
| MUSC-PLLE | Music Large Ensemble | 1 |
| MUSI-PL2X1 | Applied Lessons 200 Level | 1 |
| MUSI-200 | Recital Attendance | 0 |


| ENGL-120C | Persuasive Writing | 3 |
| :--- | :--- | ---: |
|  | Units | $\mathbf{1 8}$ |


| Year 1 Term $\mathbf{2}$ |  |  |
| :--- | :--- | ---: |
| MUSC-105B | Class Piano II | 1 |
| NT-101C | New Testament Survey | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| MUSC-108 | Beginning Guitar Class | 1 |
| MUSC-133 | Harmony and Form II | 3 |
| MUSC-134 | Musicianship II | 1 |
| MUSC-PLLE | Music Large Ensemble | 1 |
| MUSI-PL2X1 | Applied Lessons 200 Level | 1 |
| MUSI-200 | Recital Attendance | 0 |
| THEO-PLHD | Theology Core Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | $\mathbf{2 0}$ |


| Year 2 Term 1 |  |  |
| :--- | :--- | ---: |
| MUSC-145A | Class Piano III | 1 |
| MUSI-200 | Recital Attendance | 0 |
| OT-201C | Old Testament Survey | 3 |
| MUSC-225 | Music Form and Literature I | 3 |
| MUSC-226 | Musicianship III | 1 |
| MUSC-253 | Music in Global Cultures | 2 |
| MUSC-270 | Introduction to Jazz Improvisation | 2 |
| MUSC-273 | Introduction to Conducting | 1 |
| MUSC-373 | Choral Conducting | 2 |
| MUSC-PLLE | Music Large Ensemble | 1 |
| MUSI-PL2X1 | Applied Lessons 200 Level | 1 |
|  | Units | $\mathbf{1 7}$ |

Year 2 Term 2

| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| :--- | :--- | ---: |
| MUSC-201 | Introduction to Music Education | 2 |
| MUSC-233 | Music Form and Literature II | 3 |
| MUSC-234 | Musicianship IV | 1 |
| MUSC-374 | Instrumental Conducting | 2 |
| MUSC-PLLE | Music Large Ensemble | 1 |
| MUSI-PL2X1 | Applied Lessons 200 Level | 1 |
| MUSI-200 | Recital Attendance | 0 |
| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
|  | Units | $\mathbf{1 7}$ |

## Year 3 Term 1

MUSC-205A Class Piano V: Keyboard Improvisation 1
MUSI-200 Recital Attendance 0
MUSC-325 Music Hist/Literature I (before 1600) 3
MUSC-311 Teaching Music/Multclt Setting 3
MUSC-333 String Techniques 1
MUSC-326 Music Hist/Lit II (1600-1900) 3
MUSC-338 Secondary Instrumental Music Methods 2

MUSC-403 Instrumental Arranging 2

| MUSC-PLLE | Music Large Ensemble | 1 |
| :--- | :--- | ---: |
| MUSI-PL4X2 | Applied Instruction 400 | 1 |
|  | Units | $\mathbf{1 7}$ |


| Year 3 Term 2 |  |  |
| :--- | :--- | :---: |
| MUSC-228 | Introduction to Music Technology | 1 |
| MUSC-313 | Brass Techniques | 1 |
| MUSC-326 | Music Hist/Lit II (1600-1900) | 3 |
| MUSC-337A | Music for Elementary Schools | 3 |
| MUSC-PLLE | Music Large Ensemble | 1 |
| MUSI-PL4X2 | Applied Instruction 400 | 1 |
| MUSI-200 | Recital Attendance | 0 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
|  | Units | $\mathbf{1 6}$ |


| Year 4 Term 1 |  |  |
| :--- | :--- | ---: |
| MUSC-312 | Woodwind Techniques | 1 |
| MUSC-327 | Music History \& Literature III | 2 |
| MUSC-339 | Secondary Vocal Music Methods and |  |
|  | Literature | 2 |
| MUSC-PLSE | Small Ensemble Placeholder | $1-3$ |
| MUSC-PLLE | Music Large Ensemble | 1 |
| MUSI-PL4X2 | Applied Instruction 400 | 1 |
| MUSI-200 | Recital Attendance | 0 |
| ENGL-230C | Literature and the Human Experience | 3 |
| THEO-300C | Developing a Christian World View | 3 |
|  | Units | $\mathbf{1 4 - 1 6}$ |


| Year 4 Term 2 |  |  |
| :--- | :--- | ---: |
| MUSC-334 | Percussion Techniques | 1 |
| MUSC-410 | Choral Arranging | 2 |
| MUSC-PLSE | Small Ensemble Placeholder | $1-3$ |
| MUSC-PLLE | Music Large Ensemble | 1 |
| MUSI-PL4X2 | Applied Instruction 400 | 1 |
| MUSI-200 | Recital Attendance | 0 |
| MUSC-491C | Recital and Research | 2 |
| ENGL-220C | Researched Writing | 3 |
| CHIS-400C | Christian Heritage | 3 |
|  | Units | $\mathbf{1 4 - 1 6}$ |
|  | Total Units | $\mathbf{1 3 3 - 1 3 7}$ |

## Music Minor <br> Requirements

The following program requirements must be completed for the 24-25 credits towards a Music Minor.

| Code | Title | Units |
| :--- | :--- | ---: |
| MUSC-105A | Class Piano I | 1 |
| MUSC-105B | Class Piano II (or completion of Piano Proficiency) | 1 |
| MUSC-128 | Harmony and Form I | 3 |
| MUSC-129 | Musicianship I | 1 |


| MUSC-133 | Harmony and Form II | 3 |
| :---: | :---: | :---: |
| MUSC-273 | Introduction to Conducting | 1 |
| MUSC-406C | Music and Worship | 3 |
| Select one from the following: |  | 1 |
| MUSC-134 | Musicianship II |  |
| MUSC-228 | Introduction to Music Technology |  |
| Select 2-3 units from the following: |  | 2-3 |
| MUSC-253 | Music in Global Cultures |  |
| MUSC-325 | Music Hist/Literature I (before 1600) |  |
| MUSC-326 | Music Hist/Lit II (1600-1900) |  |
| MUSC-327 | Music History \& Literature III |  |
| Large Ensemble |  |  |
| Select 4 units from the following: |  | 4 |
| MUSC-240 | University String Orchestra |  |
| MUSC-241 | Women's Chorus |  |
| MUSC-250 | Concert Choir |  |
| MUSC-223 | Jazz Ensemble |  |
| and/or |  |  |
| MUSC-340 | University String Orchestra |  |
| MUSC-341 | Women's Chorus |  |
| MUSC-350 | Concert Choir |  |
| MUSC-323 | Jazz Ensemble (one unit) |  |
| Applied Instruction (MUSI) |  |  |
| Select 4 units from | $m$ the following: | 4 |
| MUSI-201 <br> \& MUSI-401 | Applied Instruction: Voice and Applied Instruction: Voice |  |
| MUSI-211 <br> \& MUSI-411 | Applied Instruction: Piano and Applied Instruction: Piano |  |
| MUSI-221 <br> \& MUSI-421 | Applied Instruction: Guitar and Basic Instruction: Guitar |  |
| MUSI-231/431 | Applied Music: Organ |  |
| MUSI-291/491 | Applied Instruction: Instrument |  |
| MUSI-200 | Recital Attendance (Co-requisite with Applied Instruction) | 0 |

## Department of Theatre Arts

Mission: The Department of Theatre Arts seeks to establish a Christcentered, professional environment for artistic expression by developing the creative mind, body, and spirit of each student in the disciplines of: performance, production, multi-media, and theory. By imparting knowledge and allowing hands-on participation, the department is about preparing students to impact our world for God's glory.

The Department of Theatre Arts offers a rigorous training program with a choice of the following concentrations: Musical Theatre, Stage and Screen Acting/Directing, or Technical/Design. The goal of the Department of Theatre Arts is to prepare its graduates to pursue additional theatrical training, work in the theatrical profession, or a position in one of the many fields that utilize skills developed in a theatre
degree program-collaboration, creative thinking, organization, discipline, critical thinking, etc.

## Program Requirements

The Theatre degree requires a total of 120 units. This consists of 25 Theatre Core units, 30-31 Concentration units depending on concentration, 50 Core Curriculum units, and 14-15 elective units depending on concentration. Choosing from the lists of suggested electives provides a more intensive training experience. However, these units may be taken in any discipline. A Theatre minor requires 20 units. Please note that all acting courses must be taken at Vanguard to fulfill Theatre major requirements. Acting courses taken at other institutions may transfer as electives.

NOTE: Students have three fewer Core Curriculum units to complete because THEA-202C History of Theatre I or THEA-204C History of Theatre II fulfills the three unit University Fine Arts Core Curriculum requirement. The total number of units required for graduation remains 120 units.

## Program Learning Outcomes Program Student Learning Outcomes:

Graduates from the Department of Theatre Arts will be prepared to meet the following learning outcomes:

1. Evaluate a script or theatrical topic using relevant dramatic theory and criticism; write a new work applying principles of analysis, criticism, theory, and historic/current genres.
2. Devise and/or implement theatrically relevant outcomes utilizing design and/or management principles, integrating research with creative problem solving.
3. Collaborate with other members of the production team in generating and implementing creative solutions in direction, performance, design, and construction.
4. Display professional standards in execution of work. Ex: timeliness, follow-through, attention to detail, correct use of written English, etc.
5. Create meaningful artistic expression utilizing movement, body, voice, and character creation.

## Programs

Major:

- Theatre Arts B.A. with a Concentration in Musical Theatre (p. 111)
- Theatre Arts B.A. with a Concentration in Stage and Screen Acting/ Directing (p. 114)
- Theatre Arts B.A. with a Concentration in Technical/Design (p. 116)


## Minor:

- Theatre Arts Minor (p. 118)


## Courses

NOTE: Some of the courses listed below may be applicable to general education requirements within the School for Professional Studies. Questions, contact the Department of Theatre Arts or the Registrar's Office.

## Theatre Arts Courses

## THEA-102C Intro to Acting 3 Credits

Introduces students to the art and craft of creating believable characters for the stage using various theatre games and improvisations leading into scene work and monologues. Also covered is the history of contemporary styles. The course is specifically designed for majors with a Technical/ Design concentration, minors, and non-majors who wish to gain skills in speaking in front of large groups. This course satisfles the Fine Arts Core Curriculum requirement for non-majors. Lab Fee.
Terms Typically Offered: Fall and Spring.

## THEA-103A Private Dance Lessons I 0-1 Credits

This course provides private dance lessons for performers. The focus will be on improving basic skills and preparing students for dance auditions and show choreography. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Fall.

## THEA-103B Private Dance Lessons I 0-1 Credits

This course provides private dance lessons for performers. The focus will be on improving basic skills and preparing students for dance auditions and show choreography. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Spring.

## THEA-106 Set Construction I 1 Credit

Participation in the construction and assembling of mainstage and/or showcase sets including painting and various techniques utilized in set design. Repeatable up to two units.
Terms Typically Offered: Fall and Spring.

## THEA-107 Acting I 3 Credits

Theory and practice in the art of creating believable characters for stage, focusing on the Michael Chekhov method, with additional work in Stanislavski and Uta Hagen techniques covering observation, sensory awareness, applied imagination, ensemble work, theatre exercises, and scene work. This course is for declared Theatre majors. Those with a Technical/Design concentration, non-majors, and Theatre minors take THEA-102C: Introduction to Acting. All required acting courses must be taken in residence at Vanguard University and may not be transferred in. Lab Fee.
Terms Typically Offered: Fall.

## THEA-108A Theatrical Production I 0-1 Credits

Participation on a production team for mainstage shows/showcase week. Teams include, but are not limited to: sets, lighting, sound, costumes, makeup/hair, management, and front of house.
Terms Typically Offered: Fall.
THEA-108B Theatrical Production I 0-1 Credits
Participation on a production team for mainstage shows/showcase week. Teams include, but are not limited to: sets, lighting, sound, costumes, makeup/hair, management, and front of house.
Terms Typically Offered: Spring.

## THEA-110 Costume Construction I 1 Credit

Participation in the construction of costumes and costume accessories for mainstage/showcase productions. Appropriate sewing and patterning techniques will be demonstrated and practiced.
Terms Typically Offered: Fall and Spring.

## THEA-116 Scenic Painting I 1 Credit

Participation in the painting of the sets for mainstage productions. Students will be introduced to a variety of painting techniques. In addition to the scheduled meeting time, an additional 3 hours per week of arranged lab is required. Repeatable up to 2 units.
Terms Typically Offered: Fall and Spring.
THEA-121 Movement and Voice 2 Credits
The study of stage movement, voice production, and speech using techniques and exercises to allow the freeing of one's natural voice and physicality. Techniques such as View Points and Laban will be utilized as well as concentration on breathing, relaxation, articulation, and dialect study.
Terms Typically Offered: Fall.
THEA-132A Theatrical Performance I 0-2 Credits
Majors and minors must enroll for one or two units at a time. The course requires participating in mainstage theatrical production including a thorough study of the play, the development of the character in rehearsal, and the performance of the role. Lab fee.
Terms Typically Offered: Fall.

## THEA-132B Theatrical Performance I 0-2 Credits

Majors and minors must enroll for one or two units at a time. The course requires participating in mainstage theatrical production including a thorough study of the play, the development of the character in rehearsal, and the performance of the role. Lab fee.
Terms Typically Offered: Spring.

## THEA-133 Musical Theatre Dance I 1 Credit

An introduction to dance for musical theatre. Dance styles covered will include tap, jazz, and musical theatre movement. (NOTE: As of the 2021-2022 Academic Catalog, THEA-133C will no longer count towards the Core Curriculum.)
Terms Typically Offered: Spring.

## THEA-135 Theatre Movement 2 Credits

An introduction to the study of stage movement. Includes exercises and techniques to insure flexibility, meaningful aesthetic stage movement and physicality utilizing the Laban and Alexander techniques.(2020-2021 Catalog; this course is no longer offered.)
Terms Typically Offered: Fall.

## THEA-136A Private Acting Lessons I 0-1 Credits

This course provides private acting lessons for pairs of performers. The focus will be on scene work and monologues. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Fall.

## THEA-136B Private Acting Lessons I 0-1 Credits

This course provides private acting lessons for pairs of performers. The focus will be on scene work and monologues. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Spring.
THEA-137A Private Voice for Musical Theatre I 0-1 Credits
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.
Terms Typically Offered: Fall.

## THEA-137B Private Voice for Musical Theatre I 0-1 Credits

This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.
Terms Typically Offered: Spring.

## THEA-200C Intro to Theatre 3 Credits

An introduction to the study of theatre with focus on its history, forms, genres, performance space, and the artistic principles of production, as well as the technical aspects. Selected readings, discussions, attendance at plays, and critiques of performances are required. Theatre majors may not take THEA-200C to fulfill the Fine Arts core curriculum. Lab fee.
Terms Typically Offered: Fall.

## THEA-202C History of Theatre I 3 Credits

An intensive study of theatre history - its literature, practitioners, and environs - from the Ancient Greeks through the French Neo-classical period. Readings, discussions, attendance at plays, and critiques of performances are required. This course fulfills the Fine Arts core curriculum requirement. Lab fee.
Terms Typically Offered: Fall.

## THEA-203A Private Dance Lessons II 0-1 Credits

This course provides private dance lessons for performers. The focus will be on improving basic skills and preparing students for dance auditions and show choreography. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Fall.

## THEA-203B Private Dance Lessons II 0-1 Credits

This course provides private dance lessons for performers. The focus will be on improving basic skills and preparing students for dance auditions and show choreography. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Spring.

## THEA-204C History of Theatre II 3 Credits

An intensive study of theatre history - its literature, practitioners, and environs - from the Restoration to modern. Readings, discussions, attendance at plays, and critiques of performances are required. This course fulfills the Fine Arts core curriculum requirement. Lab fee. Terms Typically Offered: Spring.

## THEA-207 Acting II 3 Credits

An in-depth study of characterization utilizing the Stanislavski system, and Uta Hagen's and Sanford Meisner's techniques of acting. This course is for Theatre majors only. Theatre minors may enroll with permission of instructor. All required acting courses must be taken in residence at Vanguard University and may not be transferred in. Lab Fee.
Prerequisite: THEA-107
Terms Typically Offered: Spring.

## THEA-208A Theatrical Production II 0-1 Credits

Participation on a production team for mainstage shows/showcase week. Teams include, but are not limited to: sets, lighting, sound, costumes, makeup/hair, management, and front of house.
Terms Typically Offered: Fall.

## THEA-208B Theatrical Production II 0-1 Credits

Participation on a production team for mainstage shows/showcase week. Teams include, but are not limited to: sets, lighting, sound, costumes, makeup/hair, management, and front of house.
Terms Typically Offered: Spring.

## THEA-213 Foundations of Dance for Elem Teachers 1 Credit

This course will introduce students to the world of elementary dance curriculum and pedagogy through a thought provoking exploration on the development of fundamental movement skills. Students will develop the knowledge, skills and attitude necessary to successfully implement a dance and drama program to support the diverse needs of elementary school students. Students will also be provided with guided opportunities to explore performance and choreographic experiences that build skills in improvisation and collaboration. This course is cross-listed with EDUC-213
Terms Typically Offered: Fall and Spring.

## THEA-219 Acting/Directing for the Camera 12 Credits

An introductory level class designed to familiarize students with the process of acting and directing for film or video using scenes from current stage and screen plays. Emphasis is on "single camera" situations. Lab fee.
Terms Typically Offered: Fall and Spring.

## THEA-220 Musical Theatre Vocal Technique I 3 Credits

This course will cover a range of techniques used to develop the musical theatre voice. Areas included are breathing techniques and appropriate vocal exercises to increase range, enhance color, and enrich the beauty of the voice. Musical theatre repertoire will be used to explore aspects of the interaction of the vocal, physical, and mental aspects of performing in musicals. An emphasis will be placed on healthy and connected singing as well as performance techniques for musical theatre. Lab fee. Terms Typically Offered: Fall.

## THEA-232A Theatrical Performance II 0-2 Credits

Majors and minors must enroll for one or two units at a time. The course requires participating in mainstage theatrical production including a thorough study of the play, the development of the character in rehearsal, and the performance of the role. Lab fee.
Terms Typically Offered: Fall.

## THEA-232B Theatrical Performance II 0-2 Credits

Majors and minors must enroll for one or two units at a time. The course requires participating in mainstage theatrical production including a thorough study of the play, the development of the character in rehearsal, and the performance of the role. Lab fee.
Terms Typically Offered: Spring.

## THEA-236A Private Acting Lessons II 0-1 Credits

This course provides private acting lessons for pairs of performers. The focus will be on scene work and monologues. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Fall.

## THEA-236B Private Acting Lessons II 0-1 Credits

This course provides private acting lessons for pairs of performers. The focus will be on scene work and monologues. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Spring.

## THEA-237A Private Voice for Musical Theatre II 0-1 Credits

This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.
Terms Typically Offered: Fall.

## THEA-237B Private Voice for Musical Theatre II 0-1 Credits

This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.
Terms Typically Offered: Spring.
THEA-242 Pedagogy/Practice in Theatre for Youth 3 Credits
This course provides methods and materials for drama structures and activities as applied to the elementary classroom. Participants will explore how to use drama as a tool for transfer across the curriculum, as well as a way to motivate students, build classroom community and manage the classroom. Participants will investigate through the lens of a teaching artist, classroom teacher and/or drama teacher how to adapt the work to suit their needs, and collaboratively present lessons. This course is cross-listed with EDUC-242
Terms Typically Offered: Fall and Spring.

## THEA-244 Musical Theatre Audition I 3 Credits

An in-depth practicum class focusing on the preparation of audition pieces for musical theatre. Students will learn how to identify songs appropriate for their range and the production, and will study the techniques involved in song interpretation. Permission of instructor is required for non-Musical Theatre Concentration majors. (Formerly Titled Beginning Musical Theatre Audition; 2018 Catalog)
Terms Typically Offered: Spring.

## THEA-272 Playing Shakespeare 3 Credits

An intensive actor's workshop which covers textual analysis, speaking prose and verse, scene study, shaping speeches, and building a character from the works of William Shakespeare. All required acting courses must be taken in residence at Vanguard University and may not be transferred in.
Prerequisite: THEA-107
Terms Typically Offered: On Demand.
THEA-291 Special Topic: 1 Credit
Study of a special topic in an area of theatre. Repeatable up to 9 units. Terms Typically Offered: On Demand.
THEA-292 Special Topic: 1 Credit
Study of a special topic in an area of theatre. Repeatable up to 9 units. Terms Typically Offered: On Demand.
THEA-293 Special Topic: 1 Credit
Study of a special topic in an area of theatre. Repeatable up to 9 units. Terms Typically Offered: On Demand.

## THEA-303A Private Dance Lessons III 0-1 Credits

This course provides private dance lessons for performers. The focus will be on improving basic skills and preparing students for dance auditions and show choreography. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Fall.

## THEA-303B Private Dance Lessons III 0-1 Credits

This course provides private dance lessons for performers. The focus will be on improving basic skills and preparing students for dance auditions and show choreography. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Spring.

## THEA-306 Set Construction II 1 Credit

Participation in the construction and assembling of the mainstage and/ or showcase sets including painting and various techniques used in set design. Repeatable up to two units.
Terms Typically Offered: Fall and Spring.

## THEA-307 Acting III 3 Credits

This course involves putting together a role based on the continued process of Stanislavski system, the study of body language and other acting approaches. Lab Fee.
Prerequisite: THEA-107, THEA-207
Terms Typically Offered: Fall.

## THEA-308A Theatrical Production III 0-1 Credits

Participation on a production team for mainstage shows/showcase week. Teams include, but are not limited to: sets, lighting, sound, costumes, makeup/hair, management, and front of house.
Terms Typically Offered: Fall.

## THEA-308B Theatrical Production III 0-1 Credits

Participation on a production team for mainstage shows/showcase week. Teams include, but are not limited to: sets, lighting, sound, costumes, makeup/hair, management, and front of house.
Terms Typically Offered: Spring.

## THEA-310 Improvisation 2 Credits

Problem-solving theatre games and exercises are explored so as to develop spontaneity and impulse in action to free the player's imagination.
Terms Typically Offered: Spring, even years.
THEA-313 Scenic and Lighting Design Fundamentals 3 Credits This course covers the fundamentals of scenic and lighting design including the elements of design, a brief history of the disciplines, script analysis as it relates to design, and the process and tools necessary for creating scenic and lighting designs which support the director's vision. Lab fee.
Terms Typically Offered: Fall, odd years.
THEA-314 Makeup \& Costume Design Fundamentals 3 Credits
This course covers the fundamentals of makeup and costume design including the elements of design, a brief history of the disciplines, script analysis as it relates to design, and the process and tools necessary for creating character makeups and costume designs which support the director's vision. Lab fee.
Terms Typically Offered: Spring.

## THEA-316 Scenic Painting II 1 Credit

Participation in the painting of the sets for mainstage productions. Students will be introduced to a variety of painting techniques. In addition to the scheduled meeting time, an additional 3 hours per week of arranged lab is required. Repeatable up to 2 units.
Terms Typically Offered: Fall and Spring.

## THEA-317 Costume Construction II 1 Credit

The course consists of participation in the construction of costumes and costume accessories for mainstage/showcase productions. Appropriate sewing and patterning techniques will be demonstrated and practiced. Terms Typically Offered: Fall and Spring.

## THEA-319 Acting/Directing for the Camera II 2 Credits

An intermediate level class designed to continue training students in acting and directing for film or video using scenes from short one-acts and sitcom material. Emphasis is on two-camera situations.
Prerequisite: THEA-219
Terms Typically Offered: Fall and Spring.

## THEA-323 Sound Design 2 Credits

The design and integration of live and recorded digital sound into production as indicated by directors' conceptualization approaches. Terms Typically Offered: On Demand.

## THEA-324 Theory and Criticism 3 Credits

Reading and analysis of theories and critical approaches to contemporary theatre: Stanislavski, Aristotle, Brecht, and others who have contributed to the form and idea of the modern theatre. Lab Fee. Terms Typically Offered: Fall, odd years.

## THEA-331 Musical Theatre Vocal Technique II 3 Credits

Students will apply the vocal techniques learned in Musical Theatre Vocal Technique I to effectively and correctly the variety of song styles found in musical theatre. Examples include jazz, pop, rock, blues, classic musical theatre, standards, and folk-country. This course may be repeated once for credit
Prerequisite: Take THEA-220
Terms Typically Offered: Fall.

## THEA-332A Theatrical Performance III 0-2 Credits

Majors and minors must enroll for one or two units at a time. The course requires participating in mainstage theatrical production including a thorough study of the play, the development of the character in rehearsal, and the performance of the role. Lab fee.
Terms Typically Offered: Fall.

## THEA-332B Theatrical Performance III 0-2 Credits

Majors and minors must enroll for one or two units at a time. The course requires participating in mainstage theatrical production including a thorough study of the play, the development of the character in rehearsal, and the performance of the role. Lab fee.
Terms Typically Offered: Spring.

## THEA-336A Private Acting Lessons III 0-1 Credits

This course provides private acting lessons for pairs of performers. The focus will be on scene work and monologues. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Fall.

## THEA-336B Private Acting Lessons III 0-1 Credits

This course provides private acting lessons for pairs of performers. The focus will be on scene work and monologues. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Spring.

## THEA-337A Private Voice for Musical Theatre III 0-1 Credits

This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.
Terms Typically Offered: Fall.

## THEA-337B Private Voice for Musical Theatre III 0-1 Credits

This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.
Terms Typically Offered: Spring.

## THEA-338 Stage Combat 2 Credits

This course introduces basic stage techniques with unarmed combat including falls, rolls, chokes, punches and kicks, advancing to broad sword combat using scenes from classical or contemporary works, and applying these techniques with special attention to safety. Lab fee. (NOTE: As of the 2021-2022 Academic Catalog, THEA-338C and THEA-338 will no longer count towards Core Curriculum.)
Terms Typically Offered: Spring.

## THEA-339 Industry Insiders 3 Credits

Course focuses on the skill and materials necessary to find employment as a performer for theater, television, and screen. Topics covered include auditioning/cold readings, securing representation, finding a business manager, and getting the most useful headshots. Lab fee. Must be have Junior or Senior standing.
Terms Typically Offered: Spring.

## THEA-341 Directing I: Stage and Screen 3 Credits

Introduction to the techniques and fundamentals of directing for the stage and screen using text, theory, and practicum while applying these approaches to student-directed one-acts. Lab Fee. (Formerly titled Directing Fundamentals: Stage and Screen; 2018 catalog)
Prerequisite: THEA-107
Terms Typically Offered: Spring, even years.

## THEA-343 Character Acting for Comedy 3 Credits

This course will focus on creating believable characters for comedy using applied imagination, ensemble work, improvisation, and in-depth exploration of building and communicating a character utilizing the sitcom architypes.
Prerequisite: THEA-107
Terms Typically Offered: Spring, odd years.
THEA-344 Musical Theatre Audition II 3 Credits
A continuing in-depth practicum class focusing on the preparation of audition pieces for musical theatre. Students will explore a wider range of pieces to identify songs appropriate for their range and production requirements and will continue to study the techniques involved in song interpretation. Permission of instructor required for non-Musical Theatre Concentration Majors. (Formerly titled Intermediate Musical Theatre Audition; 2018 catalog)
Prerequisite: THEA-244
Terms Typically Offered: Spring

## THEA-350 Stage Management 3 Credits

The study of how to become a successful stage manager. Students will learn organizational, interpersonal, and publicity skills. Students also will learn how to manage actors and scheduling, work with the directors, and oversee the production for stage as well as television/film. Lab fee. Terms Typically Offered: Spring, odd years.

THEA-360 Dramatic Lit: Script Analysis 3 Credits
This course is cross-listed with ENGL-360. This course introduces the student to history's most influential stage and screen plays giving the student skills with which to analyze critically the script in order to understand the work of each playwright. Lab fee.
Terms Typically Offered: Spring, even years.

## THEA-386 Junior Project 1 Credit

Participation in production crew for mainstage show for one or more of the following production teams: set construction, costumes, makeup/ hair, lighting, sound, house management, props, stage management, and assistant stage management. Repeatable up to four units.
Terms Typically Offered: Fall and Spring.
THEA-403A Private Dance Lessons IV 0-1 Credits
This course provides private dance lessons for performers. The focus will be on improving basic skills and preparing students for dance auditions and show choreography. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Fall.

## THEA-403B Private Dance Lessons IV 0-1 Credits

This course provides private dance lessons for performers. The focus will be on improving basic skills and preparing students for dance auditions and show choreography. Each level may be repeated twice for credit. Lab fee.

Terms Typically Offered: Spring.

## THEA-408A Theatrical Production IV 0-1 Credits

Participation on a production team for mainstage shows/showcase week. Teams include, but are not limited to: sets, lighting, sound, costumes, makeup/hair, management, and front of house.
Terms Typically Offered: Fall.

## THEA-408B Theatrical Production IV 0-1 Credits

Participation on a production team for mainstage shows/showcase week. Teams include, but are not limited to: sets, lighting, sound, costumes, makeup/hair, management, and front of house.
Terms Typically Offered: Spring.

## THEA-419 Acting/Directing for the Camera III 2 Credits

An advanced level class designed to impart a deeper exploration of film and television utilizing play scripts that exist in public domain adapted short films.
Prerequisite: THEA-219, THEA-319
Terms Typically Offered: Fall and Spring.

## THEA-432A Theatrical Performance IV 0-2 Credits

Majors and minors must enroll for one or two units at a time. The course requires participating in mainstage theatrical production including a thorough study of the play, the development of the character in rehearsal, and the performance of the role. Lab fee.
Terms Typically Offered: Fall.

## THEA-432B Theatrical Performance IV 0-2 Credits

Majors and minors must enroll for one or two units at a time. The course requires participating in mainstage theatrical production including a thorough study of the play, the development of the character in rehearsal, and the performance of the role. Lab fee.
Terms Typically Offered: Spring.
THEA-433 Musical Theatre Dance II 1 Credit
Instruction in dance for musical theatre. Dance styles covered will include tap, jazz, and musical theatre movement among others. (NOTE: As of the 2021-2022 Academic Catalog, THEA-433C and THEA-433 will no longer count towards Core Curriculum.)
Prerequisite: THEA-133C
Terms Typically Offered: Spring.

## THEA-436A Private Acting Lessons IV 0-1 Credits

This course provides private acting lessons for pairs of performers. The focus will be on scene work and monologues. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Fall.

## THEA-436B Private Acting Lessons IV 0-1 Credits

This course provides private acting lessons for pairs of performers. The focus will be on scene work and monologues. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Spring.
THEA-437A Private Voice for Musical Theatre IV 0-1 Credits
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.
Terms Typically Offered: Fall.

## THEA-437B Private Voice for Musical Theatre IV 0-1 Credits

This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.
Terms Typically Offered: Spring.
THEA-441 Directing for the Stage II 3 Credits
An advanced level of technique and practicum for staging and working with actors through the use of text and scene work. (Formerly titled Advanced Directing for the Stage; 2018 Academic Catalog)
Prerequisite: THEA-341
Terms Typically Offered: On Demand.

## THEA-442 Playwriting 3 Credits

Development of playwriting techniques as applied to the stage. The student will be required to develop and write a one-act stage play. Lab Fee. This course is cross-listed with ENGL-442.
Terms Typically Offered: Spring, odd years.
THEA-450 Theatre Internship 1-2 Credits
To fulfill the course requirements, the student is to serve a minimum 150 hours for the 2-unit internship with a department-approved professional theater. May be repeated up to 3 units. Theatre majors are required to take 2 units. An additional unit may be taken as an elective unit. This must be arranged the previous semester and must be approved by the student's advisor and the professor of record. Freshmen may not take this course without approval of the department chair.
Terms Typically Offered: Fall, Spring, and Summer.
THEA-451 Theatre Teaching Assistant 1 Credit
Regular hours each week and/or meetings are established at the beginning of the semester. The intern assists an instructor in planning and conducting a course and/or laboratory sessions. This course may be repeated for a maximum of three units. This course does not fulfill the THEA-450 Theatre Internship requirement. Must be Junior standing with a GPA of 3.0 or above with approval of the Department Chair.
Terms Typically Offered: Fall and Spring.

## THEA-455 Shakespeare Through the Ages 3 Credits

An in-depth survey of Shakespeare's major works within the historical and cultural context of the Renaissance. This investigation of his oeuvre includes the close reading of tragedies, comedies, romances and history plays with an eye towards the ways in which he revolutionized genre. This course involves class discussion, quizzes, texts, papers and performance, and it fulfills the departmental required for Shakespeare. This course is cross-listed with ENGL-455.
Terms Typically Offered: Fall.

THEA-470 Special Topic: 2-3 Credits
Study of a special topic in the area of theatre. May be repeated for credit. Terms Typically Offered: Fall and Spring.
THEA-472 Portfolio Preparation 2 Credits
Course focuses on the skills and materials necessary to create the type of portfolio required to find employment as a technician/designer. Topics covered include the different types of portfolios and knowing which one to use when, creating additional content, and how to integrate the Christian walk and faith with employment in the entertainment industry. Terms Typically Offered: Spring.

## THEA-480 Individual Studies: 1-3 Credits

May be repeated for credit.
Terms Typically Offered: Fall and Spring.

## THEA-495C Senior Project 2 Credits

The Senior Project demonstrates the student's proficiency in and ownership of the outcomes of the Theatre curriculum. The project is presented to the campus community on-site during the regular department production calendar and includes a journal of the process. Project areas include performance, directing, design, management, script writing, and producing. The student will submit a reflection paper on the integration of faith and theatre with their academic journey, including insights gained from the senior project. This course and paper fulfills the Vanguard University Capstone requirement. Project by approval of Senior Project Coordinator and Department Chair. Lab fee.
Terms Typically Offered: Fall and Spring.

## Theatre Arts B.A. with a Concentration in Musical Theatre Requirements

| Code $\quad$ Title | Units |
| :--- | ---: |
| Core Curriculum Requirements (p. 62) ${ }^{1}$ | 50 |
| Major Core Requirements | $\mathbf{2 5}$ |
| Musical Theatre Concentration Requirements | $\mathbf{4 5}$ |
| Total Units | $\mathbf{1 2 0}$ |

1
Number of units required from the Core Curriculum not included in the major requirements below.

## Theatre Arts Major Core Requirements

| Code Title | Units |
| :---: | :---: |
| Select one of the following: | 1 |
| THEA-106 Set Construction I ${ }^{1}$ <br> or THEA-110Costume Construction I or THEA-116Scenic Painting I |  |
| THEA-200C Intro to Theatre | 3 |
| THEA-202C History of Theatre I | 3 |
| THEA-204C History of Theatre II | 3 |
| Select one of the following: | 1 |
| THEA-306 Set Construction II ${ }^{1}$ |  |
| or THEA-316Scenic Painting II |  |
| or THEA-317 Costume Construction II |  |


| THEA-313 | Scenic and Lighting Design Fundamentals | 3 |
| :--- | :--- | ---: |
| THEA-314 | Makeup \& Costume Design Fundamentals | 3 |
| THEA-324 | Theory and Criticism | 3 |
| THEA-386 | Junior Project | 1 |
| THEA-450 | Theatre Internship | 2 |
| THEA-495C | Senior Project | 2 |
| Total Units |  | $\mathbf{2 5}$ |

1
Technical/Design concentration majors may not use Scenic Painting I and Scenic Painting II to fulfill these requirements.

## Musical Theatre Concentration Requirements

Musical Theatre Concentration majors are strongly encouraged to take private voice lessons through the Theatre and Music Departments and private dance lessons through the Theatre Department.

| Code | Title | Units |
| :---: | :---: | :---: |
| THEA-107 | Acting I | 3 |
| THEA-137A/137B <br> or THEA-237A <br> or THEA-337A <br> or THEA-437A <br> or MUSI-101 | Private Voice for Musical Theatre I ${ }^{1}$ /:Private Voice for Musical Theatre II :Private Voice for Musical Theatre III /Private Voice for Musical Theatre IV Basic Instruction: Voice | 0-1 |
| Choose four units | from the following: ${ }^{2}$ | 4 |
| THEA-132A/1 <br> or THEA-23 <br> or THEA-33 <br> or THEA-43 | ؛Theatrical Performance I <br> 2 Theatrical Performance II <br> 2 Theatrical Performance III <br> 2 Theatrical Performance IV |  |
| Choose one of th | following: | 1 |
| THEA-133 or THEA-43 | Musical Theatre Dance I <br> Musical Theatre Dance II |  |
| MUSC-101 | Basic Musicianship I | 2 |
| THEA-121 | Movement and Voice | 2 |
| THEA-207 | Acting II | 3 |
| THEA-220 | Musical Theatre Vocal Technique I | 3 |
| THEA-244 | Musical Theatre Audition I | 3 |
| THEA-307 | Acting III | 3 |
| THEA-339 | Industry Insiders | 3 |
| THEA-344 | Musical Theatre Audition II | 3 |
| Suggested Electives |  |  |
| Select 14 units from the following: |  | 14 |
| MUSC-105A Class Piano I |  |  |
| MUSC-105B Class Piano II |  |  |
| MUSC-145A Class Piano III |  |  |
| MUSC-205A Class Piano V: Keyboard Improvisation |  |  |
| THEA-103A/103جivate Dance Lessons I |  |  |
| THEA-203A/20؛Private Dance Lessons II |  |  |
| THEA-303A/303Pivate Dance Lessons III |  |  |
| THEA-403A/40ःPrivate Dance Lessons IV |  |  |

THEA-136A/13GPivate Acting Lessons I
THEA-236A/23tPrivate Acting Lessons II
THEA-336A/33田ivate Acting Lessons III
THEA-436A/436Private Acting Lessons IV
THEA-137A/13THivate Voice for Musical Theatre I
THEA-237A/23:Private Voice for Musical Theatre II
THEA-337A/33 TRPivate Voice for Musical Theatre III
THEA-437A/43-Private Voice for Musical Theatre IV
THEA-133 Musical Theatre Dance I
or THEA-433 Musical Theatre Dance II
THEA-219 Acting/Directing for the Camera I
THEA-272 Playing Shakespeare
THEA-310 Improvisation
THEA-331 Musical Theatre Vocal Technique II
THEA-343 Character Acting for Comedy
THEA-360 Dramatic Lit: Script Analysis
THEA-442 Playwriting
THEA-451 Theatre Teaching Assistant
COMM-386 Music Video Production
On the Campus of Orange Coast College ${ }^{3}$

| DANC-A101 | Modern Dance 1 |
| :---: | :--- |
| DANC-A102 | Modern Dance 2 |
| DANC-A110 | Ballet 1 |
| DANC-A111 | Ballet 2 |
| DANC-A120 | Jaz Dance 1 |
| DANC-A121 | Jazz Dance 2 |
| DANC-A125 | Tap 1 |
| DANC-A126 | Tap 2 |
| DANC-A143 | Jazz Dance 3 |
| DANC-A144 | Ballet 3 |
| DANC-A145 | Modern Dance 3 |
| DANC-A146 | Tap 3 |
| DANC-A162 | Dance Composition/Choreography II |

Total Units 45
1
MUSI-200 Recital Attendance must be taken in conjunction with MUSI-101 Basic Instruction: Voice. For more information, contact the Department of Music.

1-2 units per role
3
See Orange Coast College (OCC) Academic Catalog (http:// www.orangecoastcollege.edu/academics/CourseCatalog/Pages/ default.aspx) for Dance class descriptions. Dance classes may only be repeated as stated in the OCC catalog. For assistance on course equivalencies, contact the Academic Transfer Analyst (transfer.support@vanguard.edu) in the Registrar's Office.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Theatre Arts Department.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| THEA-107 | Acting I | 3 |
| THEA-PLBC | Costume/ Set Or Scenic I | 1 |
| THEA-121 | Movement and Voice | 2 |
| THEA-200C | Intro to Theatre | 3 |
| MUSC-101 | Basic Musicianship I | 2 |
| THEO-PLHD | Theology Core Requirement | 3 |
|  | Units | $\mathbf{1 5}$ |
| Year 1 Term 2 |  |  |
| THEA-244 | Musical Theatre Audition I | 3 |
| THEA-137B | Private Voice for Musical Theatre I | $0-1$ |
| NT-101C | New Testament Survey | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| THEA-132B | Theatrical Performance I | $0-2$ |
| THEA-PLSCEL | Stage Management or Elective | 3 |
|  | Units | $\mathbf{1 2 - 1 5}$ |


| Year 2 Term 1 |  |  |
| :--- | :--- | ---: |
| THEA-313 | Scenic and Lighting Design Fundamentals | 3 |
| THEA-202C | History of Theatre I | 3 |
| THEA-220 | Musical Theatre Vocal Technique I | 3 |
| THEA-232A | Theatrical Performance II | $0-2$ |
| THEA-433 | Musical Theatre Dance II | 1 |
| OT-201C | Old Testament Survey | 3 |
|  | Units | $\mathbf{1 3 - 1 5}$ |

Year 2 Term 2

| THEA-314 | Makeup \& Costume Design Fundamentals | 3 |
| :--- | :--- | :--- |
| THEA-207 | Acting II | 3 |
| THEA-204C | History of Theatre II | 3 |


| THEA-344 | Musical Theatre Audition II | 3 |
| :---: | :---: | :---: |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | 15 |
| Year 3 Term 1 |  |  |
| THEA-307 | Acting III | 3 |
| MATH-PLCR | Math Core Requirement | 3 |
| ENGL-220C | Researched Writing | 3 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| THEO-300C | Developing a Christian World View | 3 |
|  | Units | 15 |
| Year 3 Term 2 |  |  |
| THEA-343 | Character Acting for Comedy | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| THEA-339 | Industry Insiders | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| THEA-332B | Theatrical Performance III | 0-2 |
| THEA-308A | Theatrical Production III | 0-1 |
|  | Units | 12-15 |
| Year 4 Term 1 |  |  |
| THEA-450 | Theatre Internship | 1-2 |
| ENGL-230C | Literature and the Human Experience | 3 |
| CHIS-400C | Christian Heritage | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| THEA-PLIC | Costume/Set or Scenic II | 1 |
| THEA-324 | Theory and Criticism | 3 |
|  | Units | 14-15 |
| Year 4 Term 2 |  |  |
| THEA-495C | Senior Project | 2 |
| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| THEA-341 | Directing I: Stage and Screen | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
|  | Units | 15 |
|  | Total Units | 111-120 |
| 1 |  |  |
| YEAR ONE TER | TWO :: |  |

- THEA-132B Theatrical Performance I should only be enrolled in when cast in a production.

2
YEAR TWO TERM ONE ::

- THEA-232A Theatrical Performance II should only be enrolled in when cast in a production.
- THEA-433 Musical Theatre Dance II or elective units.

3

## YEAR THREE TERM TWO ::

- THEA-332B Theatrical Performance III should only be enrolled in when cast in a production.

4
YEAR FOUR TERM ONE ::

- THEA-450 Theatre Internship should be served during the summer, pending departmental approval.
5
YEAR FOUR TERM TWO ::
- THEA-495C Senior Project meets the Capstone requirement for this program.
- THEA-441 Directing for the Stage II or elective units.


## Theatre Arts B.A. with a Concentration in Stage and Screen Acting/Directing

## Requirements

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements $(\mathrm{p} .62)^{1}$ | 50 |
| Major Core Requirements | $\mathbf{2 5}$ |
| Stage and Screen Acting/Directing Concentration Requirements | $\mathbf{4 5}$ |
| Total Units | $\mathbf{1 2 0}$ |

1
Number of units required from the Core Curriculum not included in the major requirements below.

## Theatre Arts Major Core Requirements

| Code | Title | Units |
| :---: | :---: | :---: |
| Select one of the following: |  | 1 |
| THEA-10 <br> or THE <br> or THE | Set Construction I ${ }^{1}$ <br> Costume Construction I <br> 6Scenic Painting I |  |
| THEA-200C | Intro to Theatre | 3 |
| THEA-202C | History of Theatre I | 3 |
| THEA-204C | History of Theatre II | 3 |
| Select one of the following: |  | 1 |
| THEA-306 <br> or THE <br> or THE | Set Construction II ${ }^{1}$ <br> 6 Scenic Painting II <br> Costume Construction II |  |
| THEA-313 | Scenic and Lighting Design Fundamentals | 3 |
| THEA-314 | Makeup \& Costume Design Fundamentals | 3 |
| THEA-324 | Theory and Criticism | 3 |
| THEA-386 | Junior Project | 1 |
| THEA-450 | Theatre Internship | 2 |
| THEA-495C | Senior Project | 2 |
| Total Units |  | 25 |

## 1

Technical/Design concentration majors may not use Scenic Painting I and Scenic Painting II to fulfill these requirements.

## Stage and Screen Acting/Directing Concentration Requirements

| Code | Title | Units |
| :---: | :---: | :---: |
| THEA-107 | Acting I | 3 |
| THEA-121 | Movement and Voice | 2 |
| Choose from the following Theatre Performance Classes: ${ }^{1}$ |  | 2 |
| THEA-132A/13،Theatrical Performance I |  |  |
| THEA-232A/232Bheatrical Performance II |  |  |
| THEA-332A/33،Theatrical Performance III |  |  |
| THEA-432A/432Bheatrical Performance IV |  |  |
| THEA-207 | Acting II | 3 |
| THEA-219 | Acting/Directing for the Camera I | 2 |
| THEA-307 | Acting III | 3 |
| THEA-319 | Acting/Directing for the Camera II | 2 |
| THEA-339 | Industry Insiders | 3 |
| THEA-341 | Directing I: Stage and Screen | 3 |
| THEA-343 | Character Acting for Comedy | 3 |
| THEA-419 or THEA-441 | Acting/Directing for the Camera III Directing for the Stage II | 2-3 |


| Suggested Electives |  |  |
| :---: | :---: | :---: |
| Select 14-15 un | from the following: | 14-15 |
| THEA-108A/10\&Theatrical Production I or THEA-208Theatrical Production II or THEA-308 Theatrical Production III or THEA-408 Theatrical Production IV |  |  |
| THEA-133 | Musical Theatre Dance I |  |
| THEA-137A/13:Private Voice for Musical Theatre I or THEA-237 Private Voice for Musical Theatre II or THEA-337 Private Voice for Musical Theatre III or THEA-437 Private Voice for Musical Theatre IV |  |  |
| THEA-220 | Musical Theatre Vocal Technique I |  |
| THEA-244 | Musical Theatre Audition I |  |
| THEA-272 | Playing Shakespeare |  |
| or THEA-338Stage Combat |  |  |
| THEA-331 | Musical Theatre Vocal Technique II |  |
| THEA-323 | Sound Design |  |
| THEA-344 | Musical Theatre Audition II |  |
| THEA-350 | Stage Management |  |
| THEA-360 | Dramatic Lit: Script Analysis |  |
| THEA-433 | Musical Theatre Dance II |  |
| or THEA-419Acting/Directing for the Camera III |  |  |
| THEA-442 | Playwriting |  |
| THEA-451 | Theatre Teaching Assistant |  |
| COMM-125 | Introduction to Filmmaking |  |
| COMM-229 | Intermediate Filmmaking Production |  |
| COMM-306 | Writing for Film and New Media |  |
| COMM-376 | Communication, Race and Ethnicity |  |


| COMM-387 | Postproduction |
| :---: | :--- |
| COMM-460 | Advanced Filmmaking |
| Total Units |  |

1
1-2 units per role

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Theatre Arts Department.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| THEA-107 | Acting I | 3 |
| THEA-PLBC | Costume/ Set Or Scenic I | 1 |
| THEA-121 | Movement and Voice | 2 |
| THEA-200C | Intro to Theatre | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| THEO-PLHD | Theology Core Requirement | 3 |
| CORE-100C | Cornerstone | 1 |
|  | Units | 16 |
| Year 1 Term 2 |  | 2 |
| THEA-219 | Acting/Directing for the Camera I | 1 |
| THEA-PLIC | Costume/Set or Scenic II | 2 |
| THEA-PLSME | Stage Management or Elective | 3 |
| NT-101C | New Testament Survey | 3 |
| ENGL-120C | Persuasive Writing | $0-2$ |
| THEA-132B | Theatrical Performance I | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | $\mathbf{1 4 - 1 6}$ |
|  | Units |  |

## Year 2 Term 1

| THEA-313 | Scenic and Lighting Design Fundamentals | 3 |
| :--- | :--- | ---: |
| THEA-202C | History of Theatre I | 3 |
| THEA-319 | Acting/Directing for the Camera II | 2 |
| OT-201C | Old Testament Survey | 3 |
| THEA-232A | Theatrical Performance II | $0-2$ |


| ELCT-PLHD3A | General Elective 3 Units | 3 |
| :--- | :--- | ---: |
|  | Units | $\mathbf{1 4 - 1 6}$ |
| Year 2 Term 2 |  |  |
| THEA-314 | Makeup \& Costume Design Fundamentals | 3 |
| THEA-207 | Acting II | 3 |
| THEA-204C | History of Theatre II | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| THEA-341 | Directing I: Stage and Screen | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | ---: |
| THEA-307 | Acting III | 3 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| ENGL-220C | Researched Writing | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | $\mathbf{1 5}$ |

## Year 3 Term 2

| THEA-343 | Character Acting for Comedy | 3 |
| :--- | :--- | ---: |
| THEA-339 | Industry Insiders | 3 |
| MATH-PLCR | Math Core Requirement | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| THEA-308A | Theatrical Production III | $\mathbf{0 - 1}$ |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | $\mathbf{1 5 - 1 6}$ |


| Year $\mathbf{4}$ Term 1 |  |  |
| :--- | :--- | ---: |
| THEA-450 | Theatre Internship | $1-2$ |
| ENGL-230C | Literature and the Human Experience | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| THEA-419 | Acting/Directing for the Camera III | 2 |
| THEA-272 | Playing Shakespeare | 3 |
| THEA-324 | Theory and Criticism | 3 |
|  | Units | $\mathbf{1 5 - 1 6}$ |

## Year 4 Term 2

THEA-495C Senior Project 2
THEA-341 Directing I: Stage and Screen 3
CHIS-400C Christian Heritage 3
THEA-PLCSI Stage Combat or Improvisation 2

| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
| :--- | :--- | ---: |
| Units | $\mathbf{1 4}$ |  |

Total Units 118-124

## YEAR ONE TERM TWO ::

- THEA-132B Theatrical Performance I should only be enrolled in when cast in a production.
- THEA-PLHD2 may be met by completing THEA-338 Stage Combat or THEA-310 Improvisation.
- THEA-338 Stage Combat or THEA-310 Improvisation is required. The course not taken as a requirement may be taken to fulfill elective units.

2

## YEAR TWO TERM ONE ::

- THEA-232A Theatrical Performance II should only be enrolled in when cast in a production.

3
YEAR TWO TERM TWO ::

- The course offering rotation for MATH-PLCR and THEA-341 Directing I: Stage and Screen (YEAR 3 TERM 2) changes. Students should check with the department for current course rotation.

4
YEAR THREE TERM ONE ::

- THEA-332A Theatrical Performance III or elective units
- THEA-332A Theatrical Performance III should only be enrolled in when cast in a production.

5
YEAR FOUR TERM ONE ::

- THEA-450 Theatre Internshipshould be served during the summer term, pending department approval.
- THEA-272 Playing Shakespeare can fulfil 3 of these elective units.

6
YEAR FOUR TERM TWO ::

- THEA-495C Senior Project meets the Capstone requirement for this program.
- THEA-441 Directing for the Stage II or elective units. This course is required if THEA-419 Acting/Directing for the Camera III has not been taken.


## Theatre Arts B.A. with a Concentration in Technical/Design Requirements

| Code $\quad$ Title | Units |
| :--- | ---: |
| Core Curriculum Requirements (p. 62) ${ }^{1}$ | 50 |
| Major Core Requirements | 25 |
| Technical/Design Concentration Requirements | $\mathbf{4 5}$ |
| Total Units |  |
| $\mathbf{N u m b e r}$ of units required from the Core Curriculum not included in the |  |

## Theatre Arts Major Core Requirements

| Code | Title | Units |
| :---: | :---: | :---: |
| Select one of the following: |  | 1 |
| THEA-106 <br> or THEA <br> or THEA | Set Construction I ${ }^{1}$ <br> Costume Construction I <br> 6Scenic Painting I |  |
| THEA-200C | Intro to Theatre | 3 |
| THEA-202C | History of Theatre I | 3 |
| THEA-204C | History of Theatre II | 3 |
| Select one of the following: |  | 1 |
| $\begin{aligned} & \text { THEA-306 } \\ & \text { or THEA } \\ & \text { or THEA } \end{aligned}$ | Set Construction II ${ }^{1}$ <br> 6 Scenic Painting II <br> 7 Costume Construction II |  |
| THEA-313 | Scenic and Lighting Design Fundamentals | 3 |
| THEA-314 | Makeup \& Costume Design Fundamentals | 3 |
| THEA-324 | Theory and Criticism | 3 |
| THEA-386 | Junior Project | 1 |
| THEA-450 | Theatre Internship | 2 |
| THEA-495C | Senior Project | 2 |
| Total Units |  | 25 |

1
Technical/Design concentration majors may not use Scenic Painting I and Scenic Painting II to fulfill these requirements.

## Technical/Design Concentration Requirements

| Code | Title | Units |
| :---: | :---: | :---: |
| THEA-102C | Intro to Acting | 3 |
| Choose six units from the following: ${ }^{1}$ |  | 6 |
| THEA-108A/108Beatrical Production I or THEA-208 or THEA-308AK or THEA-408Ahte |  |  |
| THEA-116 | Scenic Painting I | 1 |
| THEA-316 | Scenic Painting II (must be taken 2 times at 1 unit each) | t 2 |
| THEA-323 | Sound Design | 2 |
| THEA-339 | Industry Insiders | 3 |
| THEA-350 | Stage Management | 3 |
| THEA-472 | Portfolio Preparation | 2 |
| ART-275 | Drawing \& Painting | 3 |
| or ART-252C | Hist/Appreciation of Art |  |
| Choice of 6 COMM units, upper division preferred ${ }^{2}$ |  | 6 |
| COMM-125 | Introduction to Filmmaking |  |
| COMM-229 | Intermediate Filmmaking Production |  |
| COMM-306 | Writing for Film and New Media |  |
| COMM-376 | Communication, Race and Ethnicity |  |
| COMM-386 | Music Video Production |  |


| COMM-387 | Postproduction |  |
| :---: | :---: | :---: |
| COMM-460 | Advanced Filmmaking |  |
| Suggested Electives |  |  |
| Select 14 units from the following: |  | 14 |
| THEA-121 | Movement and Voice |  |
| THEA-132A/13‘Theatrical Performance I |  |  |
| THEA-232A/232Bheatrical Performance II |  |  |
| THEA-332A/33‘Theatrical Performance III |  |  |
| THEA-432A/432Beatrical Performance IV |  |  |
| THEA-220 | Musical Theatre Vocal Technique I |  |
| THEA-244 | Musical Theatre Audition I |  |
| THEA-272 | Playing Shakespeare |  |
| THEA-331 | Musical Theatre Vocal Technique II |  |
| THEA-344 | Musical Theatre Audition II |  |
| THEA-360 | Dramatic Lit: Script Analysis |  |
| THEA-442 | Playwriting |  |
| THEA-451 | Theatre Teaching Assistant |  |
| Any COMM cou | listed above not used to fulfill the 6 |  |


| THEO-101C | Foundations of Christian Life | 3 |
| :---: | :---: | :---: |
|  | Units | 14-15 |
| Year 1 Term 2 |  |  |
| THEA-350 | Stage Management | 3 |
| THEA-116 | Scenic Painting I | 1 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| ENGL-220 | Researched Writing | 3 |
| NT-101C | New Testament Survey | 3 |
| THEA-108B | Theatrical Production I | 0-1 |
|  | Units | 13-14 |
| Year 2 Term 1 |  |  |
| THEA-313 | Scenic and Lighting Design Fundamentals | 3 |
| THEA-202C | History of Theatre I | 3 |
| THEA-323 | Sound Design | 2 |
| OT-201C | Old Testament Survey | 3 |
| THEA-208A | Theatrical Production II | 0-1 |
| COMM-PLHD3 | Communication Elective 3 Units | 3 |
|  | Units | 14-15 |
| Year 2 Term 2 |  |  |
| THEA-314 | Makeup \& Costume Design Fundamentals | 3 |
| THEA-204C | History of Theatre II | 3 |
| COMM-PLHD3 | Communication Elective 3 Units | 3 |
| THEA-208B | Theatrical Production II | 0-1 |
| MATH-PLCR | Math Core Requirement | 3 |
| THEA-PLBC2 | Costume/ Set Or Scenic II | 1 |
|  | Units | 13-14 |
| Year 3 Term 1 |  |  |
| THEA-102C | Intro to Acting | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
| ART-252C | Hist/Appreciation of Art | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| THEA-PHPR1 | Scenic Painting II/Junior Project | 1 |
|  | Units | 16 |
| Year 3 Term 2 |  |  |
| THEA-472 | Portfolio Preparation | 2 |
| THEA-339 | Industry Insiders | 3 |
| THEA-PLPWEL | Playwriting or Elective | 2 |
| THEA-PHPR1 | Scenic Painting II/Junior Project | 1 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| THEA-PLSMEL | Stage Combat or Elective | 2 |
|  | Units | 13 |
| Year 4 Term 1 |  |  |
| THEA-450 | Theatre Internship | 1-2 |
| THEA-324 | Theory and Criticism | 3 |
| CHIS-400C | Christian Heritage | 3 |
| THEA-316 | Scenic Painting II | 1 |
| THEA-408A | Theatrical Production IV | 0-1 |


| THEO-101C | Foundations of Christian Life | 3 |
| :---: | :---: | :---: |
|  | Units | 14-15 |
| Year 1 Term 2 |  |  |
| THEA-350 | Stage Management | 3 |
| THEA-116 | Scenic Painting I | 1 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| ENGL-220 | Researched Writing | 3 |
| NT-101C | New Testament Survey | 3 |
| THEA-108B | Theatrical Production I | 0-1 |
|  | Units | 13-14 |
| Year 2 Term 1 |  |  |
| THEA-313 | Scenic and Lighting Design Fundamentals | 3 |
| THEA-202C | History of Theatre I | 3 |
| THEA-323 | Sound Design | 2 |
| OT-201C | Old Testament Survey | 3 |
| THEA-208A | Theatrical Production II | 0-1 |
| COMM-PLHD3 | Communication Elective 3 Units | 3 |
|  | Units | 14-15 |
| Year 2 Term 2 |  |  |
| THEA-314 | Makeup \& Costume Design Fundamentals | 3 |
| THEA-204C | History of Theatre II | 3 |
| COMM-PLHD3 | Communication Elective 3 Units | 3 |
| THEA-208B | Theatrical Production II | 0-1 |
| MATH-PLCR | Math Core Requirement | 3 |
| THEA-PLBC2 | Costume/ Set Or Scenic II | 1 |
|  | Units | 13-14 |
| Year 3 Term 1 |  |  |
| THEA-102C | Intro to Acting | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
| ART-252C | Hist/Appreciation of Art | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| THEA-PHPR1 | Scenic Painting II/Junior Project | 1 |
|  | Units | 16 |
| Year 3 Term 2 |  |  |
| THEA-472 | Portfolio Preparation | 2 |
| THEA-339 | Industry Insiders | 3 |
| THEA-PLPWEL | Playwriting or Elective | 2 |
| THEA-PHPR1 | Scenic Painting II/Junior Project | 1 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| THEA-PLSMEL | Stage Combat or Elective | 2 |
|  | Units | 13 |
| Year 4 Term 1 |  |  |
| THEA-450 | Theatre Internship | 1-2 |
| THEA-324 | Theory and Criticism | 3 |
| CHIS-400C | Christian Heritage | 3 |
| THEA-316 | Scenic Painting II | 1 |
| THEA-408A | Theatrical Production IV | 0-1 |

Total Units 45
1
All Theatrical Production courses must be taken for 1 unit.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Theatre Arts Department.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| THEA-PLBC | Costume/ Set Or Scenic I | 1 |
| THEA-200C | Intro to Theatre | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| THEA-108A | Theatrical Production I | $0-1$ |


| ELCT-PLHD6 | Electives 6 Units |  |
| :---: | :---: | :---: |
|  | Units | 14-16 |
| Year 4 Term 2 |  |  |
| THEA-495C | Senior Project | 2 |
| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
| THEA-408B | Theatrical Production IV | 0-1 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| THEA-PLSAEL | Script Analysis or Elective | 2 |
|  | Units | 14-15 |
|  | Total Units | 111-118 |
| 1 |  |  |
| YEAR ONE TERM TWO :: <br> - Technical/Design concentration students may not use THEA-116 Scenic Painting I or THEA-316 Scenic Painting II to fulfill the THEAPLBC Costume/Set or Scenic I requirement. |  |  |
| 2 |  |  |
| YEAR TWO TERM ONE :: <br> COMM-PLHD3 Communication Electives should be chosen from the list under Technical/Design Concentration Requirements. <br> 3 |  |  |
| YEAR TWO TERM TWO : <br> - Technical/Design concentration students may not use THEA-116 Scenic Painting I or THEA-316 Scenic Painting II to fulfill the THEAPLIC Costume/Set or Scenic II requirement. <br> - COMM-PLHD3 Communication Electives should be chosen from the list under Technical/Design Concentration Requirements. |  |  |
| 4 |  |  |
| YEAR THREE TERM ONE :: <br> - COMM-201C Speech Composition and Presentation may not be used to fulfill any of the 6 required Communication Elective units. |  |  |
| 5 |  |  |
| YEAR THREE TERM TWO :: <br> - THEA-360 Dramatic Lit: Script Analysis or elective units. |  |  |
| Theatre Arts Minor |  |  |
| Requirements |  |  |
| A minor in Theatre requires 20 units. Those wishing to minor in Theatre must meet with the department chair to plan the coursework. Coursework consists of courses from the Theatre core, Stage \& Screen Acting/Directing concentration, Musical Theatre concentration, and Tech/ Design concentration requirements. |  |  |

## School for Professional Studies

Renea Brathwaite, Ph.D., Dean

The School for Professional studies offers certificates and undergraduate programs to non-traditional undergraduate students in classroombased (residential), distance learning (online), and blended formats year round. The School for Professional is committed to providing students
with a broad education in the liberal arts and expertise in an academic major in business, early childhood education, nursing, psychology, and theology. This education supports Vanguard University's mission to pursue knowledge, cultivate character, deepen faith, and equip each student for a Spirit-empowered life of Christ-centered leadership and service

Academic majors housed in The School for Professional Studies are listed below within their respective divisions. Academic majors typically have several options for minors, concentrations, and emphases. A petition for an academic minor, concentration, or emphasis must be filed with the Registrar's Office.

## Division of Arts, Education and Humanities

The Early Childhood program is offered in a distance learning (online) format only.

- Early Childhood B.A. (p. 124)
- Early Childhood B.A. with a Concentration in Special Education (p. 126)
- Early Childhood B.A. with a Concentration in STEM/STEAM (p. 127)
- Early Childhood Certificate (p. 127)
- Transitional Kindergarten Certificate (p. 128)


## Division of Business and Communication

The Business Administration and Management programs are both offered in residential (on-campus) and distance learning (online) formats.

- Business Administration B.A. (p. 171)
- Management B.A. (p. 174)


## Division of Natural, Physical and Health Sciences

- Nursing B.S.N. (RN to BSN) (p. 240)


## Division of Social and Behavioral Sciences

The Psychology program is offered in both residential (on-campus) and distance learning (online) formats.

- Psychology B.A. (p. 281)


## Division of Theology

The Theology programs are offered in both residential (on-campus) and distance learning (online) formats. The Anti-Human Trafficking Certificate is offered in a distance learning (online) format only.

- Anti-Human Trafficking Certificate (p. 314)
- Theology B.A. with a Concentration in Ministry and Leadership (p. 326)


## Early Childhood Program

Mission: The Mission of the Early Childhood Program at Vanguard University is to provide a collaborative, reflective learning community where students are equipped with the knowledge, skills, and dispositions, in the context of a Biblical worldview, to serve as highly qualified early education professionals who support every young child's learning and development to reach his/her God-given potential.

Early Childhood courses are taught online in an accelerated format. Courses are taught by highly qualified instructors with educational and professional backgrounds in early childhood education. Christian philosophy and values are integrated throughout all classes. All courses cover the development of young children from infancy on, including addressing the diverse needs of an individual child. The early education classes at Vanguard University meet the formal requirements of Title 22 and Title V for the State of California. Additionally, they meet the formal educational training requirements for the Association of Christian Schools International (ACSI), Preschool Associate Credential (PAC), and Director's certificate.

## Program Learning Outcomes

## Promoting Child Development and Learning

Students prepared in the Early Childhood Education degree program build a research-based understanding of child development and learning in the context of a Biblical worldview of early education. They use their understanding and knowledge of the young learner's characteristics, needs, and multiple interacting influences on children's development and learning, to create environments that are healthy, respectful, supportive, challenging, and Christ-honoring for each child.

## Key elements

- Knowing and understanding, from the perspective of a Biblical worldview, young children's needs and characteristics, from birth through age 8.
- Knowing and understanding the multiple interacting influences on children's development and learning.
- Using research-based, Biblically-grounded knowledge of child development to create learning environments that are healthy, respectful, supportive, challenging, and Christ-honoring for each child.


## Building Family and Community Relationships

Students prepared in the Early Childhood Education degree program understand that successful early childhood education depends upon partnerships with children's families and communities. They know about, understand, and value the importance and complex characteristics of children's families and communities. They use this understanding to create respectful, reciprocal relationships that support and empower parents in their God-given role as their child's primary educator, and to involve all families in their child's development and learning. They introduce families to the Church community and other community resources to provide support and spiritual guidance.

## Key elements

- Knowing about and understanding diverse family and community characteristics, integrating a Biblical vision of inclusiveness and God's love for all people.
- Supporting and empowering families, communities, and churches through respectful, reciprocal, responsive relationships, honoring Christ and the God-given role of the family.
- Involving families, communities, and churches in young children's development and learning.


## Observing, Documenting, and Assessing to Support Young Children and Families

Students prepared in the Early Childhood Education degree program understand that child observation, documentation, and other forms of assessment are central to the practice of all early childhood professionals. They know about and understand the goals, benefits, and uses of assessment. They know about and use systematic observation, documentation, and other effective assessment strategies responsibly, in partnership with families and other professionals, to positively influence the development and learning of every child, uniquely created by God.

## Key elements

- Understanding the goals, benefits, and uses of assessment, including its use in development of appropriate goals, curriculum, and teaching strategies for young children.
- Knowing about and using observation, documentation, and other appropriate assessment tools and approaches, including the use of technology in documentation, assessment and data collection.
- Understanding and practicing responsible assessment to promote positive outcomes for each child, uniquely created by God, including the use of assistive technology for children with disabilities.
- Knowing about assessment partnerships with families and with professional colleagues to build effective learning environments.

Using Developmentally Effective Approaches to Connect with Children and Families

Students prepared in the Early Childhood Education degree program understand that teaching and learning with young children is a complex enterprise, and its details vary depending on children's ages, characteristics, and the settings within which teaching and learning occur. They understand and use Christ-honoring relationships and supportive interactions as the foundation for their work with young children and families. They know, understand and use a wide array of developmentally appropriate approaches, instructional strategies, and tools to connect with children and families to promote each child's learning and development from a Biblical worldview, giving evidence of Christ's love for each child and family.

## Key elements

- Understanding Christ-honoring relationships and supportive interactions as the foundation of their work with young children and families.
- Knowing and understanding developmentally effective strategies and tools for early education, including appropriate uses of technology.
- Using a broad repertoire of developmentally appropriate teaching/ learning approaches.
- Reflecting on their own practice to promote positive outcomes for each child, giving evidence of Christ's love for each child and family.


## Using Content Knowledge to Build Meaningful Curriculum

Students prepared in the Early Childhood Education degree program use their knowledge of academic disciplines and learning in the context of a Biblical worldview to design, implement, and evaluate experiences that promote Christ-honoring development and learning for each and every young child, uniquely created by God in His image. Students understand the importance of developmental domains and academic (or content) disciplines in early childhood curriculum. They know the essential concepts, inquiry tools, and structure of content areas, including academic subjects, and can identify resources to deepen their understanding. Students use their own knowledge and other resources to design, implement, and evaluate meaningful, challenging, and Christhonoring curriculum that promotes comprehensive developmental and learning outcomes for every young child.

## Key elements

- Understanding content knowledge, resources, and a Biblical worldview in academic disciplines: language and literacy; the arts music, creative movement, dance, drama, visual arts, mathematics; science; physical activity, physical education, health and safety; and social studies.
- Knowing and using the central concepts, inquiry tools, and structures of content areas or academic disciplines.
- Using their own knowledge, appropriate early learning standards, God's Word, and other resources to design, implement, and evaluate developmentally meaningful, challenging, Christ-honoring curriculum for each child.


## Becoming a Professional

Students prepared in the Early Childhood Education degree program identify and conduct themselves as members of the early childhood education profession. They know and use Biblical principles, ethical guidelines, and other professional standards related to early childhood education practice. They demonstrate Christ-like behavior, honoring young children and the institution of the family. They are continuous, collaborative learners who demonstrate knowledgeable, reflective, and critical perspectives on their work, making informed decisions that integrate knowledge from a variety of sources, in accordance with Biblical principles. They are informed advocates for sound educational practices and policies for the benefit of the children and for the glory of God.

## Key elements

- Identifying and involving oneself with the early childhood field.
- Knowing about and upholding Biblical principles, ethical standards and other early childhood professional guidelines.
- Engaging in continuous, collaborative learning to inform practice, using technology effectively with young children, with peers, and as a professional resource.
- Integrating knowledgeable, reflective, and critical, Biblical worldview perspectives on early education.
- Engaging in informed advocacy for young children, the early childhood profession, and the glory of God.


## Programs

Major:

- Early Childhood B.A. (p. 124)
- Early Childhood B.A. with a Concentration in Special Education (p. 126)
- Early Childhood B.A. with a Concentration in STEM/STEAM (p. 127)


## Minor:

- Early Childhood Education Minor (p. 127)
- Liberal Studies Minor (p. 128)


## Certificates:

- Early Childhood Certificate (p. 127)
- Transitional Kindergarten Certificate (p. 128)


## Courses

## ECED-101 Child Growth and Development 3 Credits

This course covers the study of social, emotional, intellectual, physical, creative, and spiritual areas of development from conception through middle childhood with an emphasis on the preschool years. Theories of development are studied along with the various stages of growth. These concepts will be presented from a Biblical perspective.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-103 Child, Family and Comm/Social 3 Credits

This course covers the study of how family, school, and community affect a child's development. An emphasis will be placed on the family unit and the parents' roles in being the primary educator of their child. Community resources are investigated and advocacy for children is explored.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-106 Intro to Curriculum for the Young Child 3 Credits

This class provides an overview of the planning, preparation, and delivery of a developmentally appropriate curriculum for young children. The role of the teacher and the curriculum in supporting the development of the whole child are analyzed. The class covers the basic components and developmentally appropriate implementation of curriculum across content areas. Though not required, completion of Child Growth and Development is recommended.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-108 Principles and Practices of Teaching Young Children 3 Credits

This course presents an overview of the historical development and philosophies of early education. Students will examine the relationship among developmental theory, philosophy, and practice in early education. Students will explore a wide range of early childhood curriculum models. The ecological contexts and relationships affecting young children's development will be analyzed. This course includes a review of teaching strategies supporting all children's development. Though not required, completion of ECED-101 Child Growth and Development is recommended. Terms Typically Offered: Fall, Spring, and Summer.

## ECED-109 Infant/Toddler Development 3 Credits

This course is an overview of the characteristic needs of infants and toddlers, birth through age three. Appropriate learning environments and routine experiences are discussed. Social, cognitive, physical, and sensory motor behavior patterns are applied in theory and through observation in relation to the environment. A focus on the development of curriculum in meeting the individual needs of the children and the role of the teacher in facilitating growth through play experiences is emphasized.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-121 Admininistration of Early Childhood Education Programs I 3 Credits

Application of the basic principles for the establishment, operation, supervision and evaluation of a preschool/daycare program is examined. This includes an overview and history of early childhood education programs, philosophy development, licensing standards, and assessment of management techniques. Christian philosophy and development are integrated. This course meets the minimum licensing course requirement for operating a licensed daycare program.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-123 Administration of Early Childhood Education Programs II 3 Credits

Application of advanced principles for the ongoing operation, supervision and evaluation of a preschool/daycare program are examined. This includes an in-depth look into managing staff and personnel issues, along with public relations and board development. Parent partnership and operational policies are discussed. Christian philosophy and development are integrated. This course meets the minimum licensing requirement for operating a licensed daycare program.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-126 Teaching in a Diverse Society 3 Credits

This course examines current issues facing the early childhood education professional in understanding diversity as it impacts the classroom. The increased diversity of race, ethnicity, culture, linguistics, and disabilities or developmental delays brings many challenges, as well as many opportunities, to educators. Factors of working with and supporting diverse populations of young children and their families are discussed, including relevant teaching methods and materials.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-132 Early Childhood Education Practicum 3 Credits

This course is designed to demonstrate practical application of developmentally appropriate early childhood education techniques and skills. Emphasis is placed on designing, implementing, and evaluating classroom experiences for young children. Observation and evaluation of classroom experiences, environmental design, classroom management, and parent communication are emphasized to promote optimal development for young children. Biblical perspectives are integrated throughout the course. Fieldwork is completed in the student's own classroom, or by approval of the instructor. Students complete 50 hours in an early childhood setting. Students videotape their teaching in order to be evaluated by the instructor and fellow classmates. Though not required, ECED 101 and ECED 106 are recommended prior to taking this course.
Terms Typically Offered: Fall, Spring, and Summer.

ECED-135 Health, Safety and Nutrition for the Young Child 3 Credits This course presents healthy practices that promote safety, nutrition, and wellness for the young child. Strategies are introduced that include families in developing health awareness. In addition, safety issues inclusive of disaster and emergency planning, along with creating safe environments within an early childhood education setting are emphasized.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-137 Observation and Assessment 3 Credits

This course offers opportunities for students to develop in-depth knowledge and skills as early childhood education professionals with a focus on research, policy, and best practices in early childhood education assessment that is linked to curriculum planning and program evaluation. Focus is placed on acquiring knowledge about informal and formal developmental screening assessment instruments for young children, and how to select and use appropriate assessments to determine initial information that facilitates individual learning environments and strategies. Though not required, completion of ECED 101 and ECED 106 are recommended.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-139 Adult Supervision and Mentoring 3 Credits

This course covers the methods and principles of supervising adults who are teachers, assistants, or volunteers in early childhood education classrooms. Emphasis is placed on the role of experienced classroom teachers who function as mentors to new teachers while simultaneously addressing the needs of children, parents and other staff. Though not required, ECED 101 and ECED 103 are recommended prior to taking this course.
Terms Typically Offered: Fall, Spring, and Summer.
ECED-141 Introduction to Transitional Kindergarten Programs 3 Credits This course explores how children develop between the ages of three and six, and what programs are developmentally appropriate for this age group, by examining principles and the best practices of early childhood education curriculum that promotes effective transition from preschool to kindergarten programs. Students discuss different curricula and how to effectively integrate multiple content areas into one program. Current research on developmental milestones, preparing the classroom, and guiding children's social behavior are reviewed and discussed. Students examine how school goals have changed over time, and the importance of getting parents involved in the early childhood education classroom. Students develop their own integrated curriculum plan and understand how to assess young children using multiple measures.
Terms Typically Offered: Spring.

## ECED-150 Spiritual Formation of Young Children 3 Credits

This course furthers students' own understanding and personal journey of spiritual formation and how that relates to the spiritual transformation of young children. The process of how the inner life is formed in young children toward an intimate relationship with God is discussed. Particular emphasis is placed on relationship, experience, and practice of the spiritual disciplines that create the context for spiritual formation to occur. A systematic approach is given that lays the foundation for regular practices in the classroom. The relationship between the church, home, and the early childhood education program is explored as the foundational environments where spiritual transformation is developed. Terms Typically Offered: Fall, Spring, and Summer.

## ECED-160 Infant/Toddler. Curriculum and Practicum 3 Credits

 This course provides an understanding of the uniqueness of infant and toddler curriculum, and how to demonstrate a practical application of developmentally appropriate infant and toddler teaching techniques and skills. Emphasis is placed on designing, implementing, and evaluating classroom experiences for children ages 0 to 2 . Observation and evaluation of classroom experiences, environmental design, classroom management, and parent communication are emphasized to promote optimal development for young children. Biblical perspectives are integrated throughout the course. Fieldwork is completed in the student's own classroom, or by approval of the instructor. Students videotape their teaching in order to be evaluated by the instructor and fellow classmates. Though not required, ECED 101 and ECED 109 are recommended prior to taking this course.Terms Typically Offered: Fall.
ECED-200 Fundamentals of Early Childhood Education 3 Credits
This course provides an overview of early childhood education for children ages 0 to 8 in developmental theories and history of early childhood education, developmentally appropriate practices based on Constructivism-based curricula, working with families in diverse communities, and becoming an early childhood education professional. (This course is cross listed with EDUC-250 in the residential undergraduate program.)
Terms Typically Offered: Summer.

## ECED-300 Guiding the Young Child's Behavior 3 Credits

This course examines appropriate child guidance principles and practice. Positive teacher/child interactions along with guidance techniques, teaching self-regulation and self-control concepts, setting clear expectations and affirming positive behavior, classroom management techniques, and conflict resolution strategies are examined. Parental involvement and school/family partnerships are incorporated to serve children in their supporting environments. (School for Professional Studies Course).
Terms Typically Offered: Spring

## ECED-301 Infant and Toddler. Development and Theory 3 Credits

 This course examines and celebrates infant and toddler development from pre-birth through age 36 months. The course focuses on the importance of families' and caregivers' relationships and responsiveness in interactions with young children emphasizing the whole-child approach to development. Developmentally appropriate guidance using a relationship-based model is introduced. (School for Professional Studies Course).Terms Typically Offered: Spring.

## ECED-305 The Exceptional Child and the Inclusive Classroom 3 Credits

 This course provides an overview of children ages 0-12 with exceptional cognitive, physical, social, and/or emotional characteristics, including learning disabilities. Students are introduced to special education laws and their implications for delivery systems, transition plans, and identification and placement procedures. Assessment and screening strategies are discussed to meet the educational needs of all students. A Biblical perspective of serving all children is part of the course, including rationale and strategies for honoring young children and families. (School for Professional Studies Course).Terms Typically Offered: Spring

ECED-306 Exceptional Children: Teaching Language Arts, Math and Science for Students With Severe Disabilities 3 Credits
This course is designed to equip early childhood educators who teach special needs students to demonstrate best practices in his or her classroom. This course covers teaching common core Language Arts, Math and Science, and creating instructions and assessment. The concepts of embedding instruction and inclusion in the classroom are explored. Requirement for Special Education emphasis. (School for Professional Studies Course).
Terms Typically Offered: Fall.
ECED-316 STEM/STEAM: Math for the Young Child 3 Credits
This course reviews developmental theory and research about mathematical education in the early childhood years. Early childhood educators will investigate the interrelationship of math concepts in cooperation with STEAM education, and explore an organized, sequential approach to creating developmentally appropriate math curriculum for young children. Concepts of God as the creator and master designer will be presented as students construct knowledge through a dynamic, interactive process that facilitates their development of working theories relating to mathematics and STEAM education. (School for Professional Studies Course).
Terms Typically Offered: Fall.
ECED-322 STEM/STEAM: Science for the Young Child 3 Credits
This course reviews developmental theory and research about science educatiuon in the early childhood years. Early childhood educators will investigate the interrelationship of science concepts in cooperation with STEAM education, and explore an organized, sequential approach to creating developmentally appropraite science curriculum for young children. Concepts of God as the creator and master designer will be presented as students construct knowledge through a dynamic, interactive process that facilitates their development of working theories relating to science and STEAM education. (School for Professional Studies Course).
Terms Typically Offered: Fall.

## ECED-327 STEM/STEAM: Arts and Creative Learning for the Young Child 3 Credits

This course reviews developmental theory and research of art education and the development of creativity in the early childhood years. Early childhood educators will investigate the interrelationship of math, science, literature, and social studies in cooperation with STEAM education, in order to explore an organized, sequential approach to creating developmentally appropriate curriculum for young children that embraces creativity and self-expression through the arts. Concepts of God as the creator and master designer will be presented as students construct knowledge through a dynamic, interactive process that facilitates their development of working theories relating to creativity and STEAM education.
Terms Typically Offered: Spring.

ECED-330 Early Foundations for Moral and Character Development 3 Credits
This course examines the role of educators in developing moral and ethical behavior in young children. Character traits that are reflective of a Spirit-filled classroom are defined and identified. Students explore different theories of moral development and identify knowledge, skills, and dispositions that can be integrated into the life of the classroom. Biblical principles of moral development are studied along with strategies that integrate these concepts into the curriculum content. Students examine early childhood education centers for moral and character development curriculum content, and a strategic plan is developed to enhance moral development. Students are challenged to be an effective role model and to identify their own personal strengths and growth areas. Developmentally-effective methods of instruction are discussed, including the use of a variety of hands-on materials to reinforce concrete learning. (School for Professional Studies Course).
Terms Typically Offered: Spring.

## ECED-338 Advanced Administration of Early Childhood Education Programs 3 Credits

This course provides information about the advanced skills needed to manage and lead in early childhood education settings. Students develop skills in personal and professional self-awareness, fiscal management, facilities management, family support and educational programming. Special emphasis is placed on management theory and decision making. Through this course, students develop an understanding of their own leadership and management style. (School for Professional Studies Course).
Terms Typically Offered: Fall.

## ECED-340 Transitional Kindergarten Programs 3 Credits

This course examines transitional kindergarten programs in the private and public sector. An in-depth look at the developmental needs of 4-1/2- to 6-year-olds is included. Aspects of current brain research on the connection of curriculum to targeted learning outcomes is reviewed. Specific strategies for measuring developmental milestones for learning are included, preparing early childhood educators to adequately assess developmentally-effective progression. Aspects of creating effective transitions from preschool to kindergarten programs, including perceptions, expectations, and practices that build strong partnerships with families and elementary schools, are covered. Appropriate levels of instruction and developmentally appropriate environments are explored. (School for Professional Studies Course).
Terms Typically Offered: Spring.
ECED-345 STEM/STEAM: Technology and Engineering for the Young Child 3 Credits
This course introduces the use of technology in the early education setting to enhance STEAM (emphasis on engineering) teaching, learning, and program support. Topics will include the use of technology in the classroom, communication with families, and teacher training. With an emphasis on engineering, students will be able to understand and apply technology-enhanced instruction and utilize a variety of resources in order to create project-based STEAM learning experiences in the classroom. Through learning the concepts of technology and engineering in the development of children ages $0-8$, student will be able to create and design instruction that promotes problem solving, critical thinking, collaboration, and creativity in a cross-curricular learning experience. (School for Professional Studies Course).
Terms Typically Offered: Summer.

ECED-350 Ministering to Parents and Families 3 Credits
This course emphasizes the significance of parents and families as the basic unit of society according to God's design. Significant issues surrounding the health of the family unit are discussed. Topics included in this course focus on the well-being of individuals and society supported by strong family units. Various parenting styles are examined for understanding family dynamics. Students learn how to minister effectively through the integration of faith practices, prayer, God's word, and Biblical insight that supports a strong home life for young children. Instilling Biblically-based values in the home and the supportive role of early childhood education programs in supporting children and their families are examined, including family education and advocacy. (School for Professional Studies Course).
Terms Typically Offered: Fall.

## ECED-401 Infant/Toddler. Curriculum and Practicum 3 Credits

This course explores the uniqueness of infant and toddler curriculum, and demonstrates a practical application of developmentally appropriate infant and toddler teaching techniques and skills. Emphasis is placed on designing, implementing, and evaluating classroom experiences for children ages 0-36 months. Observation and evaluation of classroom experiences, environmental design, classroom management, and parent communication are emphasized to promote optimal development for young children. Biblical perspectives are integrated throughout the course. Fieldwork is completed in the student's own classroom, or by approval of the instructor. Students videotape their teaching in order to be evaluated by the instructor and fellow classmates.
Prerequisite: MUST COMPLETE: ECED-301
Terms Typically Offered: Fall.

## ECED-405 Advanced Curriculum Design and Development in Early Childhood Education 3 Credits

This course focuses on curriculum planning and design for programs that serve young children ages 0-8. Issues and trends in curriculum development are examined, along with the components of a philosophy of teaching and learning based on a school's foundational statements. The students explore the sequenced components of a curriculum guide that support each learning domain, including student-based outcomes, goals, and benchmarks. Monthly and weekly guides, along with lesson planning, are discussed and developed. The process of evaluating the planned instructional program is covered as it relates to improving the curriculum and effectively achieving student learning outcomes. Learning outcomes are integrated into this course as a foundation for curriculum development. (School for Professional Studies Course).
Terms Typically Offered: Summer.

## ECED-410 Leadership and Advocacy in Early Childhood Education 3 Credits

This course focuses on child and family advocacy, leadership, public policy, research, and advocacy initiatives in the field of early childhood education. Students analyze critical issues in early childhood education from a Biblical-worldview and develop strategies for articulating positions and becoming change agents. Students develop and implement strategies for change. A professional code of ethics that integrates Biblical standards and principles is discussed. (School for Professional Studies Course).
Terms Typically Offered: Fall.

ECED-420 Principles of Applied Behavior Analysis: Autism 3 Credits This course examines the introduction of Behavioral Analysis into daily life, and how the events in daily life affect autistic students' behavior. Students learn how to apply behavioral principles to their classes, deal with challenging behaviors, and build positive relationship with their students' families and other students. Requirement for Special Education emphasis. (School for Professional Studies Course).
Terms Typically Offered: Summer.

## ECED-425 Functional Assessment and Evaluation for Exceptional Learners 3 Credits

This course covers how to collect and use educational data to assess diverse learning needs in multiple developmental aspects, educational planning and progress monitoring, instructional models, curricular access, mapping, and development. Various types and uses of assessments to identify needs of exceptional learners are introduced. Requirement for Special Education emphasis. (School for Professional Studies Course).
Terms Typically Offered: Summer.
ECED-430 Lang/Lit for Young Child Multi. Comm. 3 Credits This course focuses on language and literacy development for young children in multicultural communities. Language learning development will be studied as an important part of thinking and communicating as God's design for each child. Students will learn the distinct differences between language, competence, and performance as it relates to multicultural communities. Students will examine theories of language development, including theories of second language acquisition and the needs of English language learners. They will also explore strategies for engaging children in integrated listening, speaking, reading, and writing experiences as well as specific strategies for working with multilingual families in meeting the functional needs of the child in the classroom setting. Developmentally effective assessments will be discussed as a means of informing instruction. Additionally, evaluation of God-honoring children's literature will be covered. (School for Professional Studies Course).
Terms Typically Offered: Fall.

## ECED-460 Advanced Practicum I 3 Credits

This course is a supervised student teaching experience of working with young children ages 0-8 in a classroom setting. The focus is on the application of developmentally appropriate early childhood education theories, techniques, and skills. Emphasis is put on designing, implementing, and evaluating classroom experiences for young children. Observation and evaluation of classroom experiences, environmental design, classroom management, and parent communication are emphasized to promote optimal development for young children. Biblical perspectives are integrated throughout the course. (School for Professional Studies Course).
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-465 Advanced Practicum II 3 Credits

This course is a supervised student teaching experience working with young children ages 0-8 in a classroom setting. The focus is on the application of developmentally appropriate early childhood education theories, techniques, and skills. The student-teachers explore ways to build relationships with diverse families, connect families with community resources, and use content knowledge of the aesthetic, cognitive, social/emotional, and physical developmental domains to design, implement, and evaluate meaningful curriculum. Biblical perspectives are integrated throughout the course. (School for Professional Studies Course).
Prerequisite: ECED-460
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-470 Special Topic 1-3 Credits

## ECED-499 Capstone for Early Childhood Education Bachelor of Arts

 Degree 3 CreditsThis course provides students the opportunity to integrate theories of child development, a Biblical worldview of young children, and principles of effective practice as a culmination of learning at the bachelor's degree level. Students engage in field experience through the implementation of a project that exhibits an integration of faith and learning. The project demonstrates an application of students' knowledge of Biblically-based early childhood education to their practice. An analysis and evaluation of the students' educational experiences across the curriculum is reviewed. Students create a comprehensive portfolio comprised of their work samples and reflections, which demonstrates their competence and achievement of Program Learning Outcomes. The next steps in professional development are discussed and a plan for further growth as a professional in the early education field is developed. (School for Professional Studies Course).
Terms Typically Offered: Fall, Spring, and Summer.

## Early Childhood B.A.

Requirements

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| General Educational Core Requirements (p. 65) |  |${ }^{1} \quad 34$


| ECED-327 | STEM/STEAM: Arts and Creative Learning for the <br> Young Child |
| :--- | :--- |
| ECED-405 | Advanced Curriculum Design and Development in <br> Early Childhood Education |
| ECED-430 | Lang/Lit for Young Child Multi. Comm. |
| ECED-460 | Advanced Practicum I |
| ECED-499 | Capstone for Early Childhood Education Bachelor <br> of Arts Degree |
| ECED Major Electives: | $\mathbf{9}$ |
| Total Units | 39 |

## Course Sequences

Disclaimer: The courses listed in this sequence are planned, but course offerings are subject to enrollment minimums. This plan is provided as a guide for students to plan courses in either the certificate or BA programs in Early Childhood. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course availability and remaining degree requirements before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular term. Questions, contact the School for Professional Studies.

## FALL TERM COURSES

Choose one course from each module (three 5-week courses or two 8week courses). Students may begin their program in any module.

| Code | Title | Units |
| :---: | :---: | :---: |
| Fall Module 1 Courses: |  |  |
| Lower Division (5 Week Courses): |  |  |
| ECED-101 | Child Growth and Development | 3 |
| ECED-109 | Infant/Toddler Development | 3 |
| ECED-121 | Admininistration of Early Childhood Education Programs I | 3 |
| ECED-135 | Health, Safety and Nutrition for the Young Child | 3 |
| ECED-139 | Adult Supervision and Mentoring | 3 |
| Upper Division (8 Week Courses): |  |  |
| ECED-316 | STEM/STEAM: Math for the Young Child ${ }^{1}$ | 3 |
| ECED-338 | Advanced Administration of Early Childhood Education Programs | 3 |
| ECED-430 | Lang/Lit for Young Child Multi. Comm. ${ }^{1}$ | 3 |
| ECED-460 | Advanced Practicum ${ }^{1}$ | 3 |
| Code | Title | Units |
| Fall Module 2 Courses: |  |  |
| Lower Division (5 Week Courses): |  |  |
| ECED-103 | Child, Family and Comm/Social | 3 |
| ECED-123 | Administration of Early Childhood Education Programs II | 3 |
| ECED-126 | Teaching in a Diverse Society | 3 |


| ECED-137 | Observation and Assessment | 3 |
| :---: | :---: | :---: |
| ECED-150 | Spiritual Formation of Young Children | 3 |
| Upper Division (8 Week Courses): |  |  |
| ECED-306 | Exceptional Children: Teaching Language Arts, Math and Science for Students With Severe Disabilities ${ }^{1}$ | 3 |
| ECED-322 | STEM/STEAM: Science for the Young Child | 3 |
| ECED-401 | Infant/Toddler. Curriculum and Practicum | 3 |
| ECED-465 | Advanced Practicum II | 3 |
| ECED-499 | Capstone for Early Childhood Education Bachelor of Arts Degree ${ }^{1}$ | 3 |
| Code | Title | Units |
| Fall Module 3 Courses: |  |  |
| Lower Division (5 Week Courses): |  |  |
| ECED-106 | Intro to Curriculum for the Young Child | 3 |
| ECED-108 | Principles and Practices of Teaching Young Children | 3 |
| ECED-132 | Early Childhood Education Practicum | 3 |
| ECED-160 | Infant/Toddler. Curriculum and Practicum | 3 |

## SPRING TERM COURSES

Choose one course from each module (three 5-week courses or two 8week courses).

| Code | Title | Units |
| :--- | :--- | ---: |
| Spring Module 1 Courses: |  |  |
| Lower Division (5 Week Courses): |  |  |
| ECED-101 | Child Growth and Development | 3 |
| ECED-109 | Infant/Toddler Development | 3 |
| ECED-121 | Admininistration of Early Childhood Education <br> Programs I | 3 |
| ECED-135 | Health, Safety and Nutrition for the Young Child | 3 |
| ECED-139 | Adult Supervision and Mentoring | 3 |
| Upper Division (8 Week Courses): | 3 |  |
| ECED-301 | Infant and Toddler: Development and Theory |  |


| ECED-300 | Guiding the Young Child's Behavior ${ }^{1}$ | 3 |
| :---: | :---: | :---: |
| ECED-305 | The Exceptional Child and the Inclusive Classroom ${ }_{1}$ | 3 |
| ECED-340 | Transitional Kindergarten Programs | 3 |
| ECED-465 | Advanced Practicum II | 3 |
| ECED-499 | Capstone for Early Childhood Education Bachelor of Arts Degree ${ }^{1}$ | 3 |
| Code | Title Unis |  |
| Spring Module 3 Courses: |  |  |
| Lower Division (5 Week Courses): |  |  |
| ECED-106 | Intro to Curriculum for the Young Child | 3 |
| ECED-108 | Principles and Practices of Teaching Young Children | 3 |
| ECED-132 | Early Childhood Education Practicum | 3 |
| ECED-141 | Introduction to Transitional Kindergarten Programs | 3 |

## SUMMER TERM COURSES

Choose one course from each module (three 5-week courses or two 8week courses).

| Code | Title | Units |
| :--- | :--- | :---: |
| Summer Module 1 Courses: |  |  |
| Lower Division (5 Week Courses): | 3 |  |
| ECED-101 | Child Growth and Development | 3 |
| ECED-109 | Infant/Toddler Development | 3 |
| ECED-121 | Admininistration of Early Childhood Education | Programs I |
| ECED-135 | Health, Safety and Nutrition for the Young Child | 3 |
| ECED-139 | Adult Supervision and Mentoring | 3 |

Upper Division (8 Week Courses):

| ECED-345 | STEM/STEAM: Technology and Engineering for the <br> Young Child | 3 |
| :--- | :--- | ---: |
| ECED-350 | Ministering to Parents and Families | 3 |
| ECED-425 | Functional Assessment and Evaluation for <br> Exceptional Learners | 3 |
| ECED-460 | Advanced Practicum I $^{1}$ | 3 |
| Code | Title | Units |

Summer Module 2 Courses:

| Lower Division (5 Week Courses): |  |  |
| :--- | :--- | :--- |
| ECED-103 | Child, Family and Comm/Social | 3 |
| ECED-123 | Administration of Early Childhood Education | 3 |
|  | Programs II | 3 |
| ECED-126 | Teaching in a Diverse Society | 3 |
| ECED-137 | Observation and Assessment | 3 |
| ECED-150 | Spiritual Formation of Young Children |  |

[^0]| ECED-410 | Leadership and Advocacy in Early Childhood <br> Education | 3 |
| :--- | :--- | :--- | :--- |
| ECED-420 | Principles of Applied Behavior Analysis: Autism | 3 |
| ECED-465 | Advanced Practicum II | 3 |
| ECED-499 | Capstone for Early Childhood Education Bachelor <br> of Arts Degree | 3 |
| Code | Title | Units |
| Summer Module 3 Courses: |  |  |
| Lower Division (5 Week Courses): |  |  |
| ECED-106 | Intro to Curriculum for the Young Child | 3 |
| ECED-108 | Principles and Practices of Teaching Young | 3 |
| Children |  |  |

## Early Childhood B.A. with a Concentration in Special Education Requirements

| Code $\quad$ Title | Units |
| :--- | ---: |
| General Educational Core Requirements (p. 65) | 34 |
| Early Childhood Major Requirements | 27 |
| Special Education Concentration | $\mathbf{1 2}$ |
| General Education Electives | $\mathbf{4 7}$ |
| Total Units | $\mathbf{1 2 0}$ |

## Early Childhood Major Requirements

| Code | Title | Units |
| :---: | :---: | :---: |
| ECED Major Core Requirements: |  |  |
| ECED-300 | Guiding the Young Child's Behavior | 3 |
| ECED-301 | Infant and Toddler. Development and Theory | 3 |
| ECED-316 | STEM/STEAM: Math for the Young Child | 3 |
| ECED-322 | STEM/STEAM: Science for the Young Child | 3 |
| ECED-327 | STEM/STEAM: Arts and Creative Learning for the Young Child | 3 |
| ECED-405 | Advanced Curriculum Design and Development in Early Childhood Education | 3 |
| ECED-430 | Lang/Lit for Young Child Multi. Comm. | 3 |
| ECED-460 | Advanced Practicum I | 3 |
| ECED-499 | Capstone for Early Childhood Education Bachelor of Arts Degree | 3 |

Total Units 27
3 3 3 3 Units

Summer Module 3 Courses:
Lower Division (5 Week Courses):
.
This course is required in for the BA in Early Childhood.

Units
General Educational Core Requirements (p. 65) 34
Early Childhood Major Requirements 27
Special Education Concentration 12
General Education Electives 47

# Special Education Concentration Requirements 

| Code | Title | Units |
| :--- | :--- | :--- |
| Emphasis Requirements ${ }^{1}$ |  |  |
| ECED-305 | The Exceptional Child and the Inclusive Classroom | 3 |
| ECED-306 | Exceptional Children: Teaching Language Arts, 3 <br>  Math and Science for Students With Severe <br> Disabilities <br> ECED-420 Principles of Applied Behavior Analysis: Autism | 3 |
| ECED-425 | Functional Assessment and Evaluation for <br> Exceptional Learners | 3 |

## Total Units

Students enrolled in the Early Childhood program may choose to obtain a special education emphasis in their degree program. Courses may be counted as elective courses for the Early Childhood Major Core Requirement.

## Course Sequences

A year-round course sequence calendar for all Early Childhood Education coursework can be found on the B.A. in Early Childhood Courses Sequences tab (p. 125).

## Early Childhood B.A. with a Concentration in STEM/STEAM Requirements

| Code $\quad$ Title | Units |
| :--- | ---: |
| General Educational Core Requirements (p. 65) | 34 |
| Early Childhood Major Requirements | 30 |
| STEM/STEAM Concentration (p. ) | $\mathbf{1 2}$ |
| General Electives | $\mathbf{4 4}$ |
| Total Units | $\mathbf{1 2 0}$ |

## Early Childhood Major Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| ECED-300 | Guiding the Young Child's Behavior | 3 |
| ECED-301 | Infant and Toddler. Development and Theory | 3 |
| ECED-305 | The Exceptional Child and the Inclusive Classroom | 3 |
| ECED-405 | Advanced Curriculum Design and Development in  <br>  Early Childhood Education | 3 |
| ECED-430 | Lang/Lit for Young Child Multi. Comm. | 3 |
| ECED-460 | Advanced Practicum I | 3 |
| ECED-499 | Capstone for Early Childhood Education Bachelor <br> of Arts Degree | 3 |
| Early Childhood Upper Division Electives | $\mathbf{9}$ |  |
| Total Units |  | $\mathbf{3 0}$ |

## STEM/STEAM Concentration Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| ECED-316 | STEM/STEAM: Math for the Young Child | 3 |
| ECED-322 | STEM/STEAM: Science for the Young Child | 3 |
| ECED-327 | STEM/STEAM: Arts and Creative Learning for the <br> Young Child | 3 |
| ECED-345 | STEM/STEAM: Technology and Engineering for the <br> Young Child | 3 |
| Total Units |  | $\mathbf{1 2}$ |

## Course Sequences

A year-round course sequence calendar for all Early Childhood Education coursework can be found on the B.A. in Early Childhood Courses Sequences tab (p. 125).

## Early Childhood Certificate Requirements

The Early Childhood Certificate consists of 27 units. More than 15 units should be completed with Vanguard University in order to receive an Early Childhood Certificate. Students who do not wish to pursue the Early Childhood Certificate may still take individual courses.

| Code | Title | Units |
| :--- | :--- | ---: |
| ECED-101 | Child Growth and Development | 3 |
| ECED-103 | Child, Family and Comm/Social | 3 |
| ECED-106 | Intro to Curriculum for the Young Child | 3 |
| ECED-108 | Principles and Practices of Teaching Young | 3 |
|  | Children | 3 |
| ECED-126 | Teaching in a Diverse Society | 3 |
| ECED-132 | Early Childhood Education Practicum | 3 |
| ECED-135 | Health, Safety and Nutrition for the Young Child | 3 |
| ECED-137 | Observation and Assessment | 3 |
| ECED-150 | Spiritual Formation of Young Children | 3 |
| Total Units |  | $\mathbf{2 7}$ |

## Early Childhood Education Minor Requirements

Twenty-one (21) units are required in accordance with the guidelines indicated below. Courses should be chosen in consultation with the Student Success Coordinator and/or Program Chair. Please refer to the course descriptions to see necessary prerequisites.

| Code | Title | Units |
| :--- | :--- | ---: |
| ECED-101 | Child Growth and Development | 3 |
| ECED-103 | Child, Family and Comm/Social | 3 |
| ECED-106 | Intro to Curriculum for the Young Child | 3 |
| or ECED-405 | Advanced Curriculum Design and Development in |  |
|  | Early Childhood Education |  |

VANGUARD UNIVERSITY

| ECED-108 | Principles and Practices of Teaching Young <br> Children | 3 |
| :--- | :--- | ---: |
| ECED-300 | Guiding the Young Child's Behavior | 3 |
| ECED-460 | Advanced Practicum I | 3 |
| or ECED-465 | Advanced Practicum II | $\mathbf{3}$ |
| ECED Elective Course | $\mathbf{2 1}$ |  |

## Liberal Studies Minor

The Liberal Studies minor is designed to provide preparation for Vanguard University's teaching credentialing program and to provide tools of preparation for the required, Commission-approved examination called the California Subject Examination for Teachings: Multiple Subjects (CSET). Students are required to pass the CSET prior to their semester of advanced student teaching in a credentialing program. (Students should refer to the Graduate Program in Education for further information about pursuing a teacher credential.)

Action taken by the California Commission on Teacher Credentialing (CCTC) to insure conformance with the California State Board of Education and Public Law 107-110, the No Child Left Behind Act (NCLB) requires that all teachers "new to the profession" who receive a Multiple Subject Teaching Credential or a Multiple Subject Intern Credential demonstrate subject matter competency by examination. There are three separate subtests to the Multiple Subject CSET exam: 1) Math and Science, 2) Social Studies and Language, and 3) Visual and Performing Arts, Humanities and Physical Education. Each subtest is composed of both multiple-choice and constructed-response questions. Each subtest is scored separately. To pass the CSET, one must pass each of the three subtests. The multiple subject CSET exam is offered in a computer-based format at testing locations Mondays through Saturdays by appointment year round. If one or more subtests are not passed, students may register for a retake of the subtest(s). Students intending to pursue teaching credentialing must also pass the California Basic Educational Skills Test (CBEST) exam prior to enrollment in a teaching credential program.

The seminar courses listed for the Liberal Studies minor are correlated with the CSET subtests listed above and are designed to guide students in their preparation for the CSET. Per the catalog course descriptions, a student must complete all General Education requirements in a given subject matter prior to enrolling in the correlating seminar course.

In order to apply for a minor in Liberal Studies, a student must provide proof he/she has taken the California Basic Educational Skills Test (CBEST). In order to be granted the minor, a student must provide proof that she/he has passed the CBEST.

## Requirements

The Liberal Studies minor requires 21 units. A minimum of 12 units must be taken at VU. For more information regarding this minor, please contact the School for Professional Studies.

## Transitional Kindergarten Certificate Requirements

The Transitional Kindergarten Certificate consists of 24 units. More than 15 units should be completed at Vanguard University in order to receive a Transitional Kindergarten Certificate.

Any credentialed teacher assigned to teach Transitional Kindergarten (TK), or a combination class of Kindergarten and TK after July 1, 2015 will have until August 1, 2020 to meet an additional educational requirement of at least 24 units in early childhood education or child development, or both. All of California's new TK teachers will need to meet this requirement. Students who are not credentialed teachers may enroll in this program. This certificate alone does not qualify students to teach TK.

| Code | Title | Units |
| :--- | :--- | ---: |
| ECED-101 | Child Growth and Development | 3 |
| ECED-103 | Child, Family and Comm/Social | 3 |
| ECED-106 | Intro to Curriculum for the Young Child | 3 |
| ECED-108 | Principles and Practices of Teaching Young <br> Children | 3 |
| ECED-126 | Teaching in a Diverse Society | 3 |
| ECED-135 | Health, Safety and Nutrition for the Young Child | 3 |
| ECED-137 | Observation and Assessment | 3 |
| ECED-141 | Introduction to Transitional Kindergarten | $\mathbf{3}$ |
| Total Units |  | $\mathbf{2 4}$ |

Electives: After completion of 24 units, the courses below could be taken for the needs and self-improvement of each candidate.

## ECED-109 Infant/Toddler Development

ECED-121 Admininistration of Early Childhood Education Programs I
ECED-123 Administration of Early Childhood Education Programs II
ECED-139 Adult Supervision and Mentoring
ECED-160 Infant/Toddler: Curriculum and Practicum
1

* At least 12 units should be taken at Vanguard in order to receive a TK certificate from Vanguard University.
**The above eight courses contain the core-courses that the State of California Commission on Teacher Credential requires for a Child Development Permit. Although taking the listed courses is recommended, an individual candidate could design her/his own program of study based on her/his needs utilizing the courses below.


## Graduate Programs

The Graduate Programs at Vanguard University offers certificates and academic degrees that are offered in a classroom-based (residential), distance learning (online), and blended formats during a two-semester academic year and in Summer sessions. The Graduate Programs are committed to providing students with a broad education and expertise in an academic major clinical psychology, education, nursing, organizational
psychology, and theology. This education supports Vanguard University's mission to pursue knowledge, cultivate character, deepen faith, and equip each student for a Spirit-empowered life of Christ-centered leadership and service. Emphasis is placed on the application of an academic discipline to an integrated Christian faith and life as it is lived in vocation, service, and graduate studies.

Graduate Programs offered at Vanguard University are listed below within their respective divisions. Academic majors typically have several options for minors, concentrations, and emphases. A petition for an academic minor, concentration, or emphasis must be filed with the Registrar's Office.

## Division of Arts, Education and Humanities

- California Preliminary Credential Program (p. 136)
- Education M.A. (p. 138)
- Teacher Advancement Program (p. 140)

The Teacher Advancement Program courses are designed to provide current teachers with continuing education to increase their knowledge and effectiveness in the classroom. This is for professional development purposes only and is not associated with an academic degree offered through Vanguard University.

## Division of Natural, Physical and Health Sciences

- Biotechnology B.S./M.S. (4+1) (p. 251)
- Biotechnology M.S. (2Yr) (p. 253)
- Nursing M.S.N. (p. 246)
- Nursing R.N to M.S.N. (p. 247)
- Post-Master's Clinical Nurse Specialist Certificate (p. 248)
- Post-Master's Psych/Mental Health Nurse Practitioner (PMHNP) (p. 248)


## Division of Social and Behavioral Sciences

- Clinical Psychology M.S. (p. 290)
- Graduate Certificate in Intercultural and Inclusive Leadership (p. 298)
- Graduate Certificate in Organizational Consulting (p. 298)
- Graduate Certificate in Talent Development and Organizational Analysis (p. 298)
- Industrial-Organizational Psychology M.S. (p. 299)
- Organizational Psychology M.A. (p. 300)


## Division of Theology

- Anti-Human Trafficking Certificate (p. 314)
- Leadership Studies M.A. (p. 337)
- Theology M.A. (p. 345)


## Graduate Program in Education

Mission: Providing a supportive, reflective learning community in which teachers develop the professional relationships, skills, and knowledge base necessary to empower ALL students to reach their highest potential. This program integrates vibrant Christian faith with all facets of learning and life.

## Graduate Program in Education

California Preliminary Multiple Subject Teaching Credential (Accelerated or 3-semester)

California Preliminary Single Subject Teaching Credential (Accelerated or 3-semester)

Master of Arts (M.A.) in Education

- Option 1: Curriculum and Instruction with a Preliminary Teaching Credential
- Option 2: Christian Education Leadership with a Preliminary Teaching Credential
- Option 3: Christian Education Leadership
- Option 4: Teacher Leadership


## Accreditation

Vanguard University is accredited by the Western Senior College and University Commission (WSCUC). The credential program is accredited by the California Commission on Teacher Credentialing (CTC) and has approval for the offerings of Multiple Subject and Single Subject teaching credentials.

The Preliminary Teaching Credential program is subject to change as prescribed by the California Commission on Teacher Credentialing (CTC).

The Vanguard University Graduate Program in Education reserves the right to make necessary changes in procedures, policies, calendar, curriculum and costs.

## Institutional Affiliations

Vanguard University is a member of the Association of Independent California Colleges and Universities (AICCU) and is one of 91 members of the Council for Christian Colleges and Universities (CCCU) which was founded in 1976 to serve and strengthen Christian liberal arts colleges and universities.

Through the Graduate Program in Education, Vanguard University is affiliated with the California Council on Teacher Education (CCTE), the Association of Christian Schools International (ACSI), Christian Educators Association International (CEAI), the California Association of Colleges of Teacher Education (CACTE), the State of California Association of Teacher Education (SCATE), the California Educational Placement Association (CEPA), and the Credential Counselors and Analysts of California (CCAC).

## Academic Policies

Refer to the Graduate Studies section of the catalog for additional information.

## Academic Advisors

The faculty cohort leaders and the Student Teaching Coordinator serve as academic advisors for credential students. The M.A. faculty and the Program Coordinator serve as academic advisors for M.A. students. Advisors provide students with current program information and recommended courses.

## Admission Requirements

- A Bachelor's degree from a regionally accredited institution
- A graduate program application with the corresponding fee
- Official transcripts of all undergraduate and graduate courses
- Three letters of recommendation addressing potential success in a teacher education program
- An interview with Graduate Education personnel
- Official acceptance into the program
(NOTE: It is strongly recommended that students have taken a statistics course before beginning the MA Core component - the last 12 units of any of the M.A. options)


## California Preliminary Teaching Credential

The requirements listed below must be satisfied by April 1 prior to beginning the Fall term and by October 1 prior to beginning the Spring term to qualify for Clinical Practice classroom assignments.

## Grade Point Average Requirement

A cumulative 2.7 Grade Point Average (GPA) in undergraduate work is required for regular status admission into the credential program (for MA in Education, see requirements below).

- or -
- Students with a 2.5-2.69 GPA may be admitted with provisional status. The provisional status student will be eligible for regular status in the credential program upon completing all the following 3 conditions:
a. Student must complete an additional 6-15 units of postbaccalaureate course work with a minimum 3.0 GPA. All coursework must be pre-approved and completed at VU prior to enrolling in the credential program.
b. Student must complete the first required 12 graduate units of the program with a 3.5 GPA or higher.
c. Student will meet with the Coordinator and/or Director for a progress evaluation conference.
(Note: the B.A. GPA requirement is waived for a candidate with a Master's degree from an accredited institution)


## Basic Skills Requirement (BSR)

The Basic Skills Requirement may be satisfied in a variety of ways, as explained on the California Commission on Teacher Credentialing (CTC) Web site here: Basic Skills Requirement (https://www.ctc.ca.gov/ credentials/leaflets/basic-skills-requirement-(cl-667)/)

1. Pass the California Basic Educational Skills Test (CBEST)
2. Pass the California Subject Examination for Teachers (CSET) Multiple Subjects plus Writing Skills examination
3. Pass the CSU Early Assessment Program or the CSU Placement examinations
4. Achieve qualifying score on the SAT or ACT

SAT - Mathematics score 550 or above and Critical Reading score of 500 or above

ACT - Mathematics score of 23 or above and English score of 22 or above
5. Achieve qualifying score on College Board Advanced Placement (AP) examinations

Scores of 3 or above in AP English and AP Calculus or AP Statistics
6. Pass a Basic Skills examination from another state

Further information here: Out-of-State BSR (https://www.ctc.ca.gov/ credentials/leaflets/basic-skills-requirement-(cl-667)/out-of-state-basic-skills-exams-chart/)
7. Meet the Basic Skills Requirement by coursework

Further information here: BSR Options (https://www.ctc.ca.gov/ credentials/options-bsr/)
8. Meet the Basic Skills Requirement by coursework and examination

Further information here: BSR Options (https://www.ctc.ca.gov/ credentials/options-bsr/)

Subject Matter Competency Requirement (SMR)
The Subject Matter Competency Requirement may be satisfied in a variety of ways, as explained on the (CTC) Web site here: Subject Matter Requirement (https://www.ctc.ca.gov/educator-prep/subject-matterrequirements/)

## 1. Completion of a CTC approved Subject Matter Preparation Program

Vanguard University offers Subject Matter Preparation Programs in: English, Mathematics, and Music; and an Elementary Subject Matter Preparation Program through the Liberal Studies undergraduate program.
2. Passage of California Subject Examination for Teachers (CSET).
3. Completion of a baccalaureate or higher degree from a regionally accredited institution of higher education in the same content area as the desired credential.
4. Completion of coursework at one or more regionally accredited institutions of higher education that addresses each of the subject matter domains adopted by the CTC in the specific credential content area. Access the Domain information here: CTC Domains (https:// www.ctc.ca.gov/docs/default-source/educator-prep/files/domains-of-subject-matter-requirements.pdf?sfvrsn=dcd525b1_4)

## M.A. in Education:

- A minimum 3.0 GPA in undergraduate work is required for regular standing.
- or -
- For M.A. option 1: A student with a 2.7-2.9 GPA in all undergraduate work is eligible for admission with provisional status. The student is eligible for regular status upon successful completion of the first required 15 graduate units of the credential program with a minimum of a 3.5 GPA or higher.
- For all other M.A. options: A student with a 2.7-2.9 GPA in all undergraduate work is eligible for admission with provisional status. The student is eligible for regular status upon successful completion of the first required 12 graduate units of the M.A. program with a minimum of a 3.5 GPA or higher.
- or -

A student with a cumulative undergraduate GPA of 2.5-2.69 may be admitted with provisional status on a provisional status. Upon completion of the following conditions, the student will be eligible for regular status:

- Complete an additional 6-15 units of post-baccalaureate course work with a 3.0 GPA or above. All course work must be pre-approved prior to enrolling in any of the M.A. options.
- For M.A. option 1: Student must complete the first required 15 graduate units of the credential program with a grade point average of 3.5 or higher.
- For all other M.A. options: Student must complete the first required 12 graduate units of the M.A. program with a grade point average of 3.5 or higher.
- Student will meet with the M.A. cohort professor for a progress evaluation conference to determine continuation in the degree program.
(Note: the grade point average requirement is waived for a candidate with a previous Master's degree from an accredited institution. It is strongly recommended that students have taken a statistics course before beginning the MA Core component (the last 12 units of any of the M.A. options)

SEE GRADUATE STUDIES (p. 349) CATALOG SECTION FOR:
Academic Policies (p. 35)
International Students (p. 22)
Grading System (p. 47)
Special Class Enrollment Options (p. 349)
Veteran's Benefits (p. 22)

## University's Leave of Absence and Withdraw Policy

Academic Program Leave of Absence Policy
Students who find it necessary to interrupt the regular sequence of enrollment are expected to file an official Leave of Absence form, which can be obtained from the Graduate Program in Education Office. Time spent on leave of absence is included in the M.A.7-year time limit for graduate course work and 5-year time limit for credential course work.

Credential students must enroll in EDUG-599 Continuous Registration. M.A. students must enroll in EDUG-699 Continuous Registration.

Any student granted a leave during the add/drop period (as outlined in the University Catalog) for the semester will be dropped from their classes. If the leave is granted after $75 \%$ of the semester, the student may, with faculty approval, receive an Incomplete Grade for one or more courses. If an Incomplete Grade is not deemed appropriate, a grade of W will be issued. No refund of charges will be made for courses in which an Incomplete Grade is given. No credit is earned for any course in which a W is issued. Refunds, if any, will be granted based upon the University's refund policy.

## Military Leave of Absence

See Military Leave of Absence Policy in Graduate Studies (p. 349) section.

## Re-Entry from a Leave of Absence

Graduate Education students who have filed an official withdrawal or leave of absence must submit a Readmission Application when they are ready to resume enrollment. If the student's application is accepted, he/she will be held responsible for academic regulations and program requirements in effect at the time of the student's initial enrollment, excluding any changes required by the CTC or by legislative action. If the student's application is denied, he/she will be required to reapply through the Graduate Admissions Office.

## Readmission

Graduate Education students who have been absent from the program for more than one semester and did not file an official withdrawal form or leave of absence, will be administratively withdrawn from the program and must reapply through the Graduate Admissions Office. Readmitted students will be subject to current academic catalog requirements. Credential students are subject to any changes due to CTC and/or legislative action.

## Student Academic Load

A full-time academic load at the graduate level is 5-12 unit hours or more per semester, depending upon specific program requirements. Credential students seeking financial aid must be enrolled in a minimum of 6 units. Credential students may not enroll for more than 16 unit hours in a regular semester without the approval of the Director of the Graduate Program in Education. M.A. students seeking financial aid must be enrolled in a minimum of 5 units.

## Course Numbering System

In order to interface with the undergraduate program, academic units at the graduate level are also measured in semester hours. The course numbering system is as follows:

500 level = credential and/or M.A. students
600 level = M.A. students only

## Program Grade Requirements

Students must maintain a B grade (3.0 GPA). A D grade is not acceptable in any of the course work in the sequence. No more than one $C$ grade is acceptable in credential coursework. Courses may not be taken on a
pass/fail or credit/no credit basis, with the exception of student teaching. Credit will be granted for student teaching based on an overall evaluation of B- or better.

Students are expected to gauge the course load for each semester so they will achieve a minimum of a B grade in each course attempted. Any grade below $B$ is considered below minimal performance and indicates improvement is needed if the student expects to complete the program. If the student receives a second grade that is below a B , he/she will be required to meet with the Director of the Graduate Program in Education to determine whether the student should continue in the credential or graduate program. All grades will remain on the permanent record of students.

Students accepted under provisional status for the credential or degree program should carefully review the grade requirements for change of status for their specific program.

## Incomplete Work

The institution grants an Incomplete Grade when a student has been prevented from completing some or all of the requirements of a course due to circumstances that were beyond the student's ability to prevent or foresee, and who has requested additional time to complete the course requirements. It is the responsibility of the student to obtain a Petition for Incomplete Grade in a Graduate Course form from the Graduate Program in Education office and to contact the course professor(s) as early as possible. The professor is under no obligation to assign an Incomplete Grade. Examples of acceptable grounds for granting an Incomplete Grade include: personal or family illness of more than brief duration, serious personal or family crisis, or an unplanned increase in job responsibilities. Unacceptable grounds include heavy or difficult class load, heavy work schedule, or computer problems.

All incomplete work for full-semester courses ( 16 weeks) is due 6 weeks from the last day of that semester. Incomplete work for accelerated courses ( $5-8$ weeks) is due 30 days from the last day of that module. Failure to complete and submit the required work on time will result in a grade of F or a grade commensurate with the completed work up to that point.

## Grade Change Policy

See Grade Change Policy in University Policies (p. 35).

## Grade Appeals

See Grade Change Policy in University Policies (p. 35).

## Academic Deficiencies

If a student has provisional standing due to coursework deficiencies, he/ she may still enroll in graduate classes. However, all deficiencies must be removed before completing 20 credit hours of graduate work and before making an application for advancement to candidacy

## Credential Candidate Dismissal

According to CTC regulations, the institution has an obligation to public schools to deny admission or to dismiss candidates who are not suited to be teachers. The institution reviews each candidate's competence throughout the program, informs candidates of their strengths and
weaknesses, provides opportunities for corrective learning, places marginal candidates on probation, dismisses candidates who are deemed unsuitable as teachers, and considers candidate appeals.

## Time Limits

Credential Study: All work for the preliminary credential must be completed within 5 years from the time of official admission into the Graduate Program in Education. Time spent on leave of absence is included in the 5 -year time limit for the credential. A credential student who interrupts the sequence of study may be subject to changes in requirements when returning, particularly for CTC credentialing modifications.

Master's Degree: All work for the Master's degree must be completed within 7 years from the time of official admission into the Graduate Program in Education. Time spent on leave of absence is included in the 7-year time limit for the M.A. degree.

## Transfer of Credits/Units

Students transferring from an accredited graduate program may transfer a maximum of 6 unit hours when the courses transferred are equivalent and have direct applicability to the students' program design. Only courses with a grade of $B$ ( 3.0 GPA ) or higher will be considered for transfer toward the M.A. degree. Units being considered for transfer must have been taken no more than 5 years prior to the time of admission. The Director of the Graduate Program in Education must approve all transfers of units prior to admission.

No transfer unit can be granted for coursework applied to a degree awarded by another institution. All core courses must be taken at VU.

## M. A. Graduation Requirements

- Be accepted into the Graduate Program in Education with regular status.
- Upon completion of EDUG-605 Current Issues in Education, EDUG-606 Introduction to Educational Research, make an application for advancement to candidacy no less than 4 calendar months before the expected date of graduation.
- Achieve a cumulative grade point average of 3.0 or higher on all required 500 - and 600 -level graduate course work with no more than one (1) course grade of C. All M.A. Core courses must be completed with a B grade or above.
- The Graduate Education Committee will make the final decision on the application for candidacy by determining if:
- The student has demonstrated both academic and professional ability in the program.
- The student's preparation constitutes a satisfactory foundation from which to complete the program.
- The student has the necessary value priorities, research skills, professional attitudes, and qualities of mind to complete the M.A. degree.
- The student has settled all financial obligations to the University.


## Application for Graduation

An application for graduation must be filed with the University Registrar's Office during the first week of the student's final semester in which the degree is granted. Students who have filed an application for graduation and do not complete their requirements by the projected
date of completion for which they have filed are required to file again in a later semester. Failure to comply with these regulations will preclude the granting of the Master's degree. Degree bound students must be officially enrolled in EDUG-610 Educational Assessment and Evaluation or EDUG-699 Continuous Registration in the semester in which they intend to submit the Application for Graduation.

## Commencement

Commencement exercises are held at the end of the Spring semester for students who wish to participate. Degrees are formally awarded at the end of the fall and spring sessions. The date of degree posted on the transcript is the last day of the semester in which the graduation requirements were met.

## Program Learning Outcomes

Student Learning Outcomes for the Master of Arts in Education Degree

- Become a teacher-researcher to enhance teaching practice
- Link theory and research to inform instruction and assessment
- Demonstrate a knowledge base of educational issues relevant to student learning
- Plan curriculum that aligns methods of assessment with standards to inform instruction
- Use multiple sources of data to assess student learning
- Use theory and research to inform both formative and summative assessment
- Demonstrate a collaborative work ethic to improve professional practice
- Communicate clearly through appropriate methods and media, while monitoring, analyzing and adjusting for diverse settings and context
- Engage in reflective practice that balances data driven decision making and human dynamics
- Demonstrate a holistic approach to student learning that integrates faith and learning
- Embrace God's calling to maximize personal teaching-leadership skills and to demonstrate the qualities of a constructive change agent in the educational community


## Student Learning Outcomes for the California Preliminary Credential Program

- Candidates build on prior knowledge, life experiences, and interests to engage and support all students in learning.
- Candidates create and maintain effective environments for learning by engaging all students in purposeful learning activities.
- Candidates possess a clear understanding of subject matter and organize instruction for student learning.
- Candidates plan instruction and design learning experiences for all students that draws upon and values each student's background, prior knowledge and interests.
- Candidates assess student learning by establishing and clearly communicating learning goals for each student.
- Candidates reflect on their teaching practice and actively engage in planning their professional development.


## Programs <br> Degree Programs:

- Education M.A. (p. 138)


## Credential Programs:

- California Preliminary Credential Program (p. 136)


## Professional Development:

- Teacher Advancement Program (p. 140)


## Courses

EDUG-508 Language and Culture in Context 2 Credits
This course surveys the acquisition and use of first and second languages. It examines the relationship of language to culture, language acquisition, and language analysis or linguistics, emphasizing the utility of such knowledge for educators. Stress is given to understanding language's reciprocal relation with culture, the nature of language systems and linguistic analysis to enable educators a better comprehension of second language acquisition within learning environments. This course requirement can be fulfilled by ENGL-453: Language, Culture and Linguistics.
Terms Typically Offered: Fall and Spring.
EDUG-509 Foundations in Teaching for Multiple Subject 2 Credits Teacher candidates analyze the philosophical and historical background of public education in California. Candidates acquire a range of positive behavioral supports for students with the basic knowledge, skills and strategies for engaging and supporting diverse learners, including students with special needs, English learners, Standard English Learners, and students with other learning needs in the least restrictive environment. Candidates develop a plan to establish an inclusive and culturally responsive learning environment.
Terms Typically Offered: Fall and Spring.
EDUG-519 English Language Arts in Elementary Classrooms 3 Credits This course covers theories, principles and instructional practices of reading/language arts instruction in the elementary classroom and includes: language acquisition; four communication skills of listening, speaking, reading and writing; diagnostic and early intervention techniques; and key themes of a balanced, comprehensive, instructional program. Specific content knowledge needed in preparation for RICA is aligned in this course.
Terms Typically Offered: Fall and Spring.

EDUG-523 Instructional Design and Subject Specific Pedagogy for Multiple Subject 4 Credits
In this course, candidates strengthen their subject matter expertise and application by familiarizing themselves with subject matter content standards and appropriate pedagogical strategies for teaching specific subject matter disciplines (math, science, social studies, etc.).Working with the cohort faculty leader and expert practitioners, teacher candidates develop lessons for the diverse populations of students in today's classrooms using the Backward Design planning strategy that focuses on integrating subject-specific content standards, English Language Arts standards, and English Language Development standards. Candidates develop in-depth lesson plans using Inductive, Deductive, and Cooperative methodologies.
Terms Typically Offered: Fall and Spring.

## EDUG-524 Foundations in Teaching for Single Subject 2 Credits

This course provides the philosophical and historical foundations of education. Teaching candidates begin the development of a reflective professional classroom philosophy. Candidates evaluate their philosophical bias related to the classroom and examine the professional and ethical behaviors, which contribute to teacher success in a school community. Additionally, this course prepares candidates with basic knowledge, skills and strategies for teaching diverse and special populations, including students with disabilities, students on behavior plans, and gifted and talented students in the general education classroom. Individuals become familiar with the cultural and individual diversity of the school community.
Terms Typically Offered: Fall and Spring.
EDUG-525 Early Supervised Fieldwork For Multiple Subject 4 Credits This early supervised field experience provides the candidate with an opportunity to work directly with learners in a University assigned elementary school classroom with a Master Teacher two days per week during the semester. Candidates observe and apply instructional strategies under the leadership of the Master Teacher to learn to manage and deliver instruction in the elementary classroom. Lab fee: Master Teacher stipend
Terms Typically Offered: Fall and Spring.

## EDUG-526 Instructional Design and Subject Specific Pedagogy for Single

 Subject 4 CreditsIn this course, candidates strengthen their subject matter expertise and application by familiarizing themselves with subject matter content standards and appropriate pedagogical strategies for teaching specific subject matter disciplines (math, science, social studies, etc.). These strategies focus on the candidate's prospective subject-specific credential and the diverse populations of students in today's classrooms. Working with the cohort faculty leader and expert practitioners, teacher candidates develop lessons using the Backward Design planning strategy that focuses on integrating subject-specific content standards, English Language Arts standards, and English Language Development standards. Candidates develop in-depth lesson plans using Inductive, Deductive, and Cooperative methodologies.
Terms Typically Offered: Fall and Spring.

EDUG-527 CaITPA Cycle 1 0.5 Credits
California law requires all Multiple and Single Subject teacher preparation programs to include a California Teaching Performance Assessment (CalTPA). The purpose of this course is to provide support for teacher candidates to demonstrate their knowledge, skills, and abilities learned through the teacher credentialing program to successfully pass this state assessment. This course is taken concurrently with EDUG 525 or EDUG 535.

Terms Typically Offered: Fall and Spring.

## EDUG-528 CaITPA Cycle 2 0.5 Credits

California law requires all Multiple and Single Subject teacher preparation programs to include a California Teaching Performance Assessment (CaITPA). The purpose of this course is to provide support for teacher candidates to demonstrate their knowledge, skills, and abilities learned through the teacher credentialing program to successfully pass this state assessment.
Terms Typically Offered: Fall and Spring.

## EDUG-534 Curriculum Unit Planning for Single Subject 2 Credits

This course helps candidates to connect the subject matter content and standards to appropriate performance tasks and instructional strategies, as they learn to plan curriculum units. Candidates learn to model and assist students to integrate technology and media into content-specific literacy when conducting research, producing and publishing writing, creating multimedia presentations, and interacting and collaborating with others in this and other disciplines. Through cooperative methods, candidates learn that after a discovery activity, students need the opportunity to independently apply their learning.
Terms Typically Offered: Fall and Spring.

## EDUG-535 Early Supervised Fieldwork for Single Subject 4 Credits

 This early supervised fieldwork experience provides the candidate with an opportunity to work directly with learners in a University assigned secondary classroom with a Master Teacher two days per week during the semester. Candidates observe and apply instructional strategies under the leadership of the Master Teacher to learn to manage and deliver instruction in the secondary classroom. Lab fee: Master Techer stipend. TermsTerms Typically Offered: Fall and Spring.

## EDUG-537 Curriculum Unit Planning for Multiple Subject 2 Credits

Teacher candidates develop an interdisciplinary unit plan, integrating knowledge of subject-specific pedagogical skills including Health and Physical Education. Teacher candidates collect and analyze student assessment data from multiple measures and reflect on their teaching practices and level of subject matter and pedagogical knowledge to plan and implement instruction.
Terms Typically Offered: Fall and Spring.
EDUG-540 Cross-Cultural Studies for Educators 3 Credits
This course explores the definition of culture, its mechanisms for adaptation, acculturation, and assimilation. This course fosters an appreciation of cultural diversity as a product of cross-cultural contact, raises issues for teaching within a multicultural classroom, and demonstrates appropriate responses, communication techniques and strategies suited to educating those with differing worldview ideologies. Terms Typically Offered: Spring.

EDUG-541 Philosophy in Christian Schools 1 Credit
A study of the educational philosophy of evangelical schools. Major philosophies are discussed and related to teaching within the context of a Christian worldview. Distinctive of Christian philosophy is emphasized.
This course meets the Association of Christian Schools International (ACSI) certification requirements for philosophy.
Terms Typically Offered: Fall.
EDUG-544 Language Acquisition for Secondary Students 1 Credit This course focuses on how to move middle and high school students who are non-English speakers into and through English language literacy. Teacher candidates read and discuss first and second language acquisition theories and the various programs appropriate for students at each level of fluency. By practicing methods of teaching English language development, teacher candidates engage in using strategies, techniques, and methods that have proved successful in fostering high achievement. Terms Typically Offered: Fall and Spring.

## EDUG-548 Metacognition/Reading Strategies For Secondary Students 1

 CreditSingle Subject candidates focus on theories and methods which enhance learning across the curriculum for middle and high school students. The course assists candidates in developing teaching methods that ensure students are successfully comprehending course content, accessing long-term memory, taking effective notes, and communicating learning concepts. Candidates learn to teach to the strength of each personality type. Candidates also learn the basics of explicit reading instruction at the secondary level.
Terms Typically Offered: Fall and Spring.
EDUG-551 Literacy in Content Areas For Secondary Students 1 Credit Single Subject candidates learn to write lesson plans for middle and high school students in their particular subject matter area integrating reading, writing, listening, speaking and thinking. Candidates explore the role of language fluency in comprehension and teach an integrated lesson which enhances content mastery.
Terms Typically Offered: Fall and Spring.

## EDUG-565 Use of Technology in the Classroom 1 Credit

A study of the nature and use of technology in the educational process. An emphasis is placed on Computer Assisted Instruction (CAI) and the selection of software with a hands-on approach to the use of word processing, spreadsheets, and other programs that are of assistance to educators or are currently used with students in K-12 classrooms. This course meets the CCTC standards for the level 1 technology requirement. Terms Typically Offered: Fall and Spring.

EDUG-570 Special Topic: 0.5-3 Credits
Special topics in education: curriculum, assessment, instruction, community partnerships, classroom management and research.
Terms Typically Offered: Fall and Spring.
EDUG-586 Clinical Practice Seminar for Multiple Subject 2 Credits This seminar course includes reflection on advanced clinical practice experiences in elementary education and their connection with the Teaching Performance Expectations (TPE's). This course focuses on the connection between the community, family, school and classroom, and prepares candidates for the professional job market and continued professional growth and development.
Terms Typically Offered: Fall and Spring.

EDUG-587 Clinical Practice Fieldwork For Multiple Subject 8 Credits During clinical practice, credential candidates work directly with learners in a University assigned elementary classroom with a Master Teacher, five full days per week during the semester. Candidates experience the daily responsibilities of running a culturally and linguistically diverse classroom. Candidates practice under the expert monitoring of a Master Teacher with mentoring from a University Supervisor. Lab Fee: Master Teacher stipend Terms Typically Offered: Fall and Spring.
EDUG-588 Clinical Practice Seminar for Single Subject 2 Credits
Clinical practice experiences are designed to provide the candidate with a developmental and sequential set of activities that are integrated with the coursework and extend the candidate's learning through application of theory to practice with secondary students in California public school classrooms. This seminar course enhances the teach-reflect-revise cycle by allowing candidates to reflect on lessons taught in clinical practice, collaborate with peers, and revise their instruction for improved student learning.
Terms Typically Offered: Fall and Spring.

## EDUG-589 Clinical Practice Fieldwork for Single Subject 8 Credits

During clinical practice fieldwork, credential candidates work directly with learners in a University assigned secondary classroom with a Master Teacher, five full days per week during the semester. Candidates experience the daily responsibilities of running a culturally and linguistically diverse classroom. Candidates practice under the expert monitoring of a Master Teacher with mentoring from a University Supervisor. Lab Fee: Master Teacher stipend
Terms Typically Offered: Fall and Spring.

## EDUG-590 Seminar: 1-6 Credits

Mutual investigation of one topic in education of particular relevance to graduate students in education.
Terms Typically Offered: Fall and Spring.

## EDUG-599 Continuous Registration 1 Credit

This unit does not count toward Master's degree or credential requirements. Fee is equivalent to one unit of Graduate Education tuition. Candidates who have not met all testing and/or other credential requirements to continue to Advanced Student Teaching are required to register for EDUG-599. During this semester, the candidate conferences with a faculty cohort leader and/or University Supervisor. Continuous registration ends when the candidate is formally recommended for Advanced Student Teaching or withdraws from the program. EDUG-599 carries a grade of CE (Continuing Enrollment) until all requirements are met, at which time the grade is changed to CR (Credit).
Terms Typically Offered: Fall and Spring.

## EDUG-605 Current Issues in Education 2 Credits

This course provides an in-depth investigation of current problems and issues that affect education in America. Students focus on current trends in curriculum, instructional pedagogy, and school organization. To this end, students develop a literature review relevant to current educational issues to inform the effectiveness of teaching and learning, and the quality of life in the school community. This is the first course in the MA Core sequence. MA Core requirement. Consent of Director. Terms Typically Offered: Fall and Spring Terms Typically Offered: Fall and Spring.

EDUG-606 Introduction to Educational Research 4 Credits
This course enables graduate students in education to focus on literature about research methodologies, and to develop an understanding of both qualitative and quantitative research designs to inform valid educational research. The goal is to become a critical reader of research reports, and a consumer and producer of educational research. To this end, students develop a research proposal to reflect in-depth understanding of research literature, research designs, and research analysis. MA Core requirement. Consent of Director required.
Terms Typically Offered: Fall.

## EDUG-609 Curriculum Design and Teaching 2 Credits

This course provides students with the opportunity to examine historical, philosophical, and sociopolitical influences on the development of curriculum in American public education. Curriculum design, implementation and evaluation strategies are considered. The role of teachers and others in curriculum decision making are explored, particularly as it relates to educational change. Particular emphasis is given to state curriculum documents and curricular recommendations of professional associations. MA Core requirement. Prerequisite and/or concurrent course: EDUG-605 and consent of Director.
Prerequisite: EDUG-605 and consent of Director
Terms Typically Offered: Spring.
EDUG-610 Educational Assessment and Evaluation 4 Credits
This course focuses on developing reliable and valid qualitative and quantitative assessment instruments to evaluate the potential and progress of children throughout the instructional process. The course focuses on assessment for learning, but covers both formative and summative assessment principles. MA Core requirement.
Prerequisite: EDUG-605, EDUG-606
Pre- or Co-Requisite: EDUG-609
Terms Typically Offered: Spring.

## EDUG-611 Advanced Models of Teaching 3 Credits

This course explores varied strategies of instruction, culminating in the identification and study of various models of teaching to support student achievement. Students examine theoretical frameworks that best inform learning and instructional models of teaching. Consent of Director required.
Terms Typically Offered: Fall and Spring.

## EDUG-612 Theories of Learning and Teaching 3 Credits

This course uses an interdisciplinary approach to examine principles of learning and best practice. To this end, theoretical frameworks from the social science will be examined, including behavioral, cognitive, and social theories.
Terms Typically Offered: Fall.

## EDUG-614 Curriculum Leadership and Collaboration 3 Credits

 This course focuses on teacher learning, evaluating, and organizing high quality professional development. Students examine research-based literature about professional development models. Candidates study and practice high yield strategies for improving professional practice including peer coaching, collaboration, study groups and learning teams. Well-designed evaluations inform candidates about the effectiveness of professional development practices and guide the content, form and structure for creating a teacher-led learning community. Consent of Director required.Terms Typically Offered: Spring.

EDUG-615 Research Literature: Content Specific 3 Credits This course focuses on developing an understanding of the researchbased literature that informs the history and development of content specific subject matter. Teachers will explore and analyze the literature, including historical key defnitions of content-specific subject matter, in light of the major theories and methodological approaches that have shaped each discipline. Special attention will be given to disciplinary research questions that have been addressed and questions for future research purpose. This content-specific literature exploration provides a foundation for the formulation of important research questions in the candidate's future capstone research focus completed in the MA Core. Consent of Director required.
Terms Typically Offered: Fall and Spring.

## EDUG-670 Special Topic 1-3 Credits

Special topics in education: curriculum, assessment, instruction, community partnerships, classroom management, and research. Consent of Director required.
Terms Typically Offered: Fall and Spring.

## EDUG-680 Individual Studies 1-6 Credits

An individual study initiated by the student, who must develop a written prospectus of the proposed study and secure an appropriate sponsoring faculty member to supervise and evaluate the study. Up to a maximum of six credits of individual study may be applied toward degree requirements. Consent of Director Required.
Terms Typically Offered: Fall and Spring.

## EDUG-690 Seminar: 1-6 Credits

Mutual investigation of one topic in education of particular relevance to graduate students in education. Consent of Director required.
Terms Typically Offered: Fall and Spring.
EDUG-699 Continuous Registration 1 Credit
Continuation of independent project study. Credit does not count toward Master's degree requirements. Fee is equivalent to one unit of Graduate Education tuition. EDUG-699 carries a grade of CE (Continuing Enrollment) until all course requirements are met, at which time the grade is changed to CR (Credit).
Prerequisite: EDUG-610
Terms Typically Offered: Fall and Spring.

## California Preliminary Credential Program

## Requirements <br> California Preliminary Credential Program

The Graduate Program in Education offers a Preliminary Credential Program and a Master of Arts Program. Eligible students may apply their credential course work toward a subsequent Master of Arts in Education. Declaration of pursuing the M.A. in Education with a Preliminary Credential must be made upon application into the program; otherwise, the student must reapply to continue in the M.A. program.

## Grade Requirements for Credential Coursework

See Program Grade Requirements (p. 129).

## Commission on Teacher Credentialing (CTC)

Credential requirements may change at any time during a student's program based on legislative action by the CTC. According to CTC regulations, the institution has an obligation to public schools to deny admission and to dismiss candidates who are deemed, unsuitable teachers.

## Undergraduate Integrated Teaching Credential Programs (ITEP)

- STEM Integrated Programs in Biology (p. 190), Chemistry (p. 201), and Mathematics (p. 230)
- L (p. 89)iberal Studies Integrated Program


## Additional Credential Program Requirements

- Certificate of Clearance or Substitute Teaching Permit Verification: An application for fingerprint clearance must be submitted prior to beginning the credential program. A fee is required for the Commission on Teacher Credentialing (CTC) Clearance process.
- TB Test Clearance: Must be submitted prior to beginning the credential coursework.
- Reading Instruction Competence Assessment (RICA) for Multiple Subject candidates. All students pursuing a multiple subject teaching credential must pass the RICA exam prior to applying for the credential. This exam is normally taken after completion of the reading courses.
- Cardio Pulmonary Resuscitation (CPR) certificate.
- U.S. Constitution: met by POLS 155C at VU, equivalent or by test.


## Provisional Status

A student who otherwise meets admission requirements, but has not passed the California Subject Examination for Teachers (CSET), may be considered for provisional status to the Program on a case-by-case basis. The student recognizes that the CSET must be passed before beginning the Early Supervised Fieldwork semester. If the student does not provide evidence of passing the required tests by May 1 for the fall semester or November 1 for the spring semester, the student must enroll in the 3semester credential plan (Disclaimer: Provisional status students accepted under SB820 (https://www.ctc.ca.gov/docs/default-source/commission/ files/guidance-regarding-eoa-related-to-covid-19.pdf?sfvrsn=d2ef2fb1_18) may continue to Early Supervised Fieldwork semester without passing the CSET. SB820 (https://www.ctc.ca.gov/docs/default-source/commission/ files/guidance-regarding-eoa-related-to-covid-19.pdf?sfvrsn=d2ef2fb1_18) also postpones RICA and CaITPA assessments required for the preliminary credential until August 31, 2021).
MULTIPLE SUBJECT: ACCELERATED COURSEWORK REQUIRED FOR THE PRELIMINARY CREDENTIAL

| Code | Title | Units |
| :--- | :--- | ---: |
| First Semester |  |  |
| EDUG-508 | Language and Culture in Context $^{1}$ | 2 |
| EDUG-509 | Foundations in Teaching for Multiple Subject | 2 |
| EDUG-519 | English Language Arts in Elementary Classrooms | 3 |
| EDUG-523 | Instructional Design and Subject Specific | 4 |
|  | Pedagogy for Multiple Subject |  |
| EDUG-525 | Early Supervised Fieldwork For Multiple Subject | 4 |
| EDUG-527 | CalTPA Cycle 1 | 0.5 |


| Second Semester |  |  |
| :--- | :--- | ---: |
| EDUG-537 | Curriculum Unit Planning for Multiple Subject | 2 |
| EDUG-586 | Clinical Practice Seminar for Multiple Subject | 2 |
| EDUG-587 | Clinical Practice Fieldwork For Multiple Subject | 8 |
| EDUG-528 | CalTPA Cycle 2 | 0.5 |
| Total Units |  | $\mathbf{2 8}$ |

## MULTIPLE SUBJECT: 3 SEMESTER COURSEWORK REQUIRED FOR THE PRELIMINARY CREDENTIAL

| Code | Title | Units |
| :--- | :--- | ---: |
| First Semester |  | 2 |
| EDUG-508 | Language and Culture in Context $^{1}$ | 2 |
| EDUG-509 | Foundations in Teaching for Multiple Subject | 2 |
| EDUG-519 | English Language Arts in Elementary Classrooms | 3 |

## Second Semester

CSET must be passed to begin this semester.

| EDUG-523 | Instructional Design and Subject Specific <br> Pedagogy for Multiple Subject | 4 |
| :--- | :--- | ---: |
| EDUG-525 | Early Supervised Fieldwork For Multiple Subject | 4 |
| EDUG-527 | CalTPA Cycle 1 | 0.5 |
| Third Semester |  |  |
| EDUG-537 | Curriculum Unit Planning for Multiple Subject | 2 |
| EDUG-586 | Clinical Practice Seminar for Multiple Subject | 2 |
| EDUG-587 | Clinical Practice Fieldwork For Multiple Subject | 8 |
| EDUG-528 | CalTPA Cycle 2 | 0.5 |
| Total Units |  | $\mathbf{2 8}$ |

1
EDUG-508 Language and Culture in Context: may be satisfied by the Undergraduate course - ENGL-453 Language, Culture, and Linguistics

## SINGLE SUBJECT: ACCELERATED COURSEWORK REQUIRED FOR THE PRELIMINARY CREDENTIAL

Code Title Units

First Semester

| EDUG-508 | Language and Culture in Context ${ }^{1}$ | 2 |
| :--- | :--- | ---: |
| EDUG-524 | Foundations in Teaching for Single Subject | 2 |
| EDUG-526 | Instructional Design and Subject Specific <br> Pedagogy for Single Subject | 4 |
| EDUG-535 | Early Supervised Fieldwork for Single Subject | 4 |
| EDUG-544 | Language Acquisition for Secondary Students | 1 |
| EDUG-548 | Metacognition/Reading Strategies For Secondary <br> Students | 1 |
| EDUG-551 | Literacy in Content Areas For Secondary Students | 1 |
| EDUG-527 | CalTPA Cycle 1 | 0.5 |
| Second Semester |  |  |
| EDUG-534 | Curriculum Unit Planning for Single Subject | 2 |
| EDUG-588 | Clinical Practice Seminar for Single Subject | 2 |
| EDUG-589 | Clinical Practice Fieldwork for Single Subject | 8 |
| EDUG-528 | CalTPA Cycle 2 | 0.5 |
| Total Units |  | $\mathbf{2 8}$ |


| SINGLE SUBJECT: 3 SEMESTER COURSEWORK REQUIRED FOR THE PRELIMINARY CREDENTIAL |  |  |
| :---: | :---: | :---: |
| Code | Title | Units |
| First Semester |  |  |
| EDUG-508 | Language and Culture in Context ${ }^{1}$ | 2 |
| EDUG-524 | Foundations in Teaching for Single Subject | 2 |
| EDUG-544 | Language Acquisition for Secondary Students | 1 |
| EDUG-548 | Metacognition/Reading Strategies For Secondary Students | 1 |
| EDUG-551 | Literacy in Content Areas For Secondary Students | S 1 |
| Second Semester |  |  |
| EDUG-526 | Instructional Design and Subject Specific Pedagogy for Single Subject | 4 |
| EDUG-535 | Early Supervised Fieldwork for Single Subject | 4 |
| EDUG-527 | CalTPA Cycle 1 | 0.5 |
| Third Semester |  |  |
| EDUG-534 | Curriculum Unit Planning for Single Subject | 2 |
| EDUG-588 | Clinical Practice Seminar for Single Subject | 2 |
| EDUG-589 | Clinical Practice Fieldwork for Single Subject | 8 |
| EDUG-528 | CalTPA Cycle 2 | 0.5 |
| Total Units |  | 28 |

1
EDUG-508 Language and Culture in Context: may be satisfied by the Undergraduate course - ENGL-453 Language, Culture, and Linguistics

## Clinical Practice Fieldwork

Clinical Practice Fieldwork is a full-time teaching experience at a school site. Candidates will teach 5 days per week, 6 hours per day. Credential candidates must complete a continuous clinical practice experience in a multicultural, multilingual environment. All assignments must be completed under the supervision of a credentialed Master Teacher in the subject matter area that will appear on the student's credential. A University Supervisor will be assigned to each Student Teacher for supervision and support.

Clinical Practice placements will be made by the department in local partner schools that satisfy EL Authorization requirements. Candidates cannot be placed at a school where their own children currently attend, or where their relatives are employed. Placement outside a 12 -mile radius of the Vanguard University campus requires a payment of $\$ 150$ to cover additional mileage for the University Supervisor. Students with 3 or more years of full-time continuous private or public school experience in the appropriate credential area may be eligible for a modification of the length of student teaching. See the Student Teaching Coordinator for additional information.

- CaITPA (California Teaching Performance Assessment)
- Cycle 1 taken during the Early Supervised Fieldwork semester.
- Cycle 2 taken during the Clinical Practice Fieldwork semester.


## CTC requirements for the Clear Credential

Following issuance of the Preliminary Credential, a candidate will complete the Clear Credential requirements through an induction program
offered through the school district in which they are employed, or through an alternative program sponsor.

## Education M.A.

## Requirements

## Option 1: M.A. in Education Concentration - Curriculum and Instruction (Preliminary Credential)

The Master of Arts in Education with the California Preliminary Credential is designed for students interested in pursuing a Preliminary Teaching Credential and applying their graduate course work toward the Master of Arts in Education degree. When candidates apply, they must declare their intentions to pursue the M.A. in Education.

| Admission Requirements for the M.A., California Preliminary Credential Program |  |  |
| :---: | :---: | :---: |
| See Academic Policies, Admission Requirements |  |  |
| Code | Title | Units |
| Program Requirements for M.A. Option 1 |  |  |
| California | inary Credential ${ }^{1}$ | 28 |
| M.A. Core Requirements |  |  |
| Prerequisite: California Preliminary Credential from Vanguard; consent of Director. Regular status is required prior to enrolling in the M.A. Core. |  |  |
| EDUG-605 | Current Issues in Education ${ }^{2}$ | 2 |
| EDUG-606 | Introduction to Educational Research | 4 |
| EDUG-609 | Curriculum Design and Teaching | 2 |
| EDUG-610 | Educational Assessment and Evaluation | 4 |
| Total Units |  | 40 |

1
Click on the following link for the California Preliminary Credential Program requirements (p. 136).

## 2

EDUG-605 Current Issues in Education should be taken as the first course of the M.A. Core and may be taken concurrently with EDUG-606 Introduction to Educational Research. EDUG-610 Educational Assessment and Evaluation must be taken as the final course of the M.A. Core. EDUG-609 Curriculum Design and Teaching may be taken concurrently with EDUG-610 Educational Assessment and Evaluation.

## Option 2: M.A. in Education Concentration - Christian Education Leadership with a Preliminary Credential

The Master of Arts in Education with Preliminary Credential and with Concentration in Christian Education Leadership is intended for the individual who wants to combine a California Preliminary Multiple or Single Subject Credential with additional graduate training in Christian

Leadership. This program includes 9 credits of graduate work from the Leadership Studies component of the M.A. program in Religion.

## ADMISSION REQUIREMENTS FOR THE M.A./ PRELIMINARY CREDENTIAL PROGRAM <br> See Academic Policies, Admission Requirements

| Code | Title | Units |
| :---: | :---: | :---: |
| Program Requirements for M.A. Option 2 |  |  |
| Prerequisite: Christian Education Leadership series coursework; California Preliminary Credential from Vanguard; consent of Director. Regular status is required prior to enrolling in the M.A. Core. |  |  |
| California Pre | nary Credential ${ }^{1}$ | 28 |
| Christian Education Leadership Requirements |  |  |
| Select nine units from the following courses: |  | 9 |
| CLSG-606 | Spiritual Formation |  |
| CLSG-632 | Team Development \& Conflict Managem |  |
| CLSG-638 | Leadership/Global Issues |  |
| CLSG-646 | Leadership/Character Developmt |  |
| CLSG-720 | Theology/Theory of Leadership |  |
| Other electives from the Graduate Religion Leadership courses, with approval. |  |  |
| M.A. Core Requirements |  |  |
| EDUG-605 | Current Issues in Education ${ }^{2}$ | 2 |
| EDUG-606 | Introduction to Educational Research | 4 |
| EDUG-609 | Curriculum Design and Teaching | 2 |
| EDUG-610 | Educational Assessment and Evaluation | 4 |
| Total Units |  | 49 |

## 1

Click on the following link for the California Preliminary Credential Program requirements (p. 136).

## 2

EDUG-605 Current Issues in Education should be taken as the first course of the M.A. Core and may be taken concurrently with EDUG-606 Introduction to Educational Research. EDUG-610 Educational Assessment and Evaluation must be taken as the final course of the M.A. Core. EDUG-609 Curriculum Design and Teaching may be taken concurrently with EDUG-610 Educational Assessment and Evaluation.
Option 3: Master of Arts in Education - Concentration - Christian Education Leadership
The Master of Arts in Education with a concentration in Christian Education Leadership is intended for the individual who desires to pursue career advancement in private education and/or administration. The focus is to integrate professional training in curriculum and Christian Education Leadership for a Master of Arts degree. This program includes 9 credits of graduate work from the Leadership Studies component of the M.A. Program in Religion. Students in this program will not be eligible for a California teaching credential.

## Admission Requirements for the M.A./Preliminary Credential Program

See Academic Policies, Admission Requirements
Code Title Units
Program Requirements for M.A. Option 3

## Curriculum Preparation

Meet with the Program Coordinator for the sequencing of coursework. Choose Multiple or Single Subject courses.
Select one of the following options:
Multiple Subject:
EDUG-508 Language and Culture in Context
EDUG-509 Foundations in Teaching for Multiple Subject
EDUG-523 Instructional Design and Subject Specific Pedagogy for Multiple Subject
EDUG-537 Curriculum Unit Planning for Multiple Subject
EDUG-540 Cross-Cultural Studies for Educators
Single Subject:

| EDUG-508 | Language and Culture in Context |
| :--- | :--- |
| EDUG-524 | Foundations in Teaching for Single Subject |
| EDUG-526 | Instructional Design and Subject Specific <br> Pedagogy for Single Subject |
| EDUG-534 | Curriculum Unit Planning for Single Subject |
| EDUG-540 | Cross-Cultural Studies for Educators |

Christian Education Leadership Requirements
Select nine units from the following: 9
CLSG-606 Spiritual Formation
CLSG-632 Team Development \& Conflict Management
CLSG-638 Leadership/Global Issues
CLSG-646 Leadership/Character Developmt
CLSG-720 Theology/Theory of Leadership
Other electives from the Graduate Religion Leadership courses, with approval.

## M.A. Core Requirements

Prerequisite: completion of required Curriculum Preparation and Christian Education Leadership course work; consent of the Director. Regular status required prior to enrolling in M.A. Core.

| EDUG-605 | Current Issues in Education ${ }^{1}$ | 2 |
| :--- | :--- | ---: |
| EDUG-606 | Introduction to Educational Research | 4 |
| EDUG-609 | Curriculum Design and Teaching | 2 |
| EDUG-610 | Educational Assessment and Evaluation | 4 |
| Total Units |  | $\mathbf{3 4}$ |

1
EDUG-605 Current Issues in Education should be taken as the first course of the M.A. Core and may be taken concurrently with EDUG-606 Introduction to Educational Research. EDUG-610 Educational Assessment and Evaluation must be taken as the final course of the M.A. Core. EDUG-609 Curriculum Design and Teaching may be taken concurrently with EDUG-610 Educational Assessment and Evaluation.

Optional: Candidate may be eligible for the Preliminary Multiple or Single Subject Credential by completing the credential requirements. Please
see the Program Coordinator for an individualized plan. By adding these courses, the candidate ensures eligibility for a California teaching credential.

## Option 4: Master of Arts in Education Concentration - Teacher Leadership

The Master of Arts in Education with a concentration in Teacher Leadership is designed for fully credentialed teachers who wish to enhance their leadership abilities by pursuing an M.A. in Education. This M.A. in Education option allows teachers to transfer in up to 6 units of graduate-level credit from another accredited institution of higher education.

## Admission Requirements for the M.A./Preliminary Credential Program

See Academic Policies, Admission Requirements

| Code $\quad$ Title | Units |
| :--- | :--- | :--- |
| Program Requirements for M.A. Option 4 |  |

Program Requirements for M.A. Option 4

## M.A. Electives

Up to 6 units of graduate education study transferred in from another institution or six units of graduate electives to be completed at
Vanguard University. For more information, contact the Graduate Program in Education office.

| M.A. Area of Concentration |  |  |
| :--- | :--- | ---: |
| Five courses in the Teacher Leadership Concentration |  |  |
| EDUG-540 | Cross-Cultural Studies for Educators | 3 |
| EDUG-611 | Advanced Models of Teaching | 3 |
| EDUG-612 | Theories of Learning and Teaching | 3 |
| EDUG-614 | Curriculum Leadership and Collaboration | 3 |
| EDUG-615 | Research Literature: Content Specific | 3 |
| M. A. Core |  |  |
| EDUG-605 | Current Issues in Education | 2 |
| EDUG-606 | Introduction to Educational Research | 4 |
| EDUG-609 | Curriculum Design and Teaching | 2 |
| EDUG-610 | Educational Assessment and Evaluation | 4 |
| Total Units |  | $\mathbf{3 3}$ |

## Teacher Advancement Program

Mission: Increasing teacher effectiveness by offering courses that build new knowledge and develop teaching skills.

The Graduate Program in Education's Teacher Advancement Program (TAP) courses are designed to provide current teachers with continuing education to increase their knowledge and effectiveness in the classroom. Vanguard University and TAP have partnered with College Credit Connection (CCC) to provide a wide variety of learning formats to teachers. The courses are graduate level and may be eligible for salary advancement units. The Teacher Advancement Program is a non-degree seeking program and courses may not transfer to another institution of higher education for credit. TAP's courses are offered through a variety of instructional formats and delivery methods, including videos and DVDs, traditional face-to-face, online platforms, post-conference and CEU practicum, and independent study. Face-to-face courses generally
last from five to seven class periods and are offered in various locations throughout California. A wide range of topics and courses are available on the CCC website that offers various learning formats, course intervals, timing and delivery methods. Courses are taught by highly qualified instructors with educational and professional backgrounds in teaching and learning. Teachers who hold a bachelor's degree are eligible to enroll in TAP courses. Additional information about the TAP program can be found at https://www.collegecreditconnection.com/ccc/Home.aspx.

## Academic Calendar

The Teacher Advancement Program operates on a year-round, threesemester basis (Fall, Spring and Summer). Courses begin at various intervals throughout the year. Students may enroll through College Credit Connection's website (https://www.collegecreditconnection.com/ccc/ home.aspx) by following the Enroll link after choosing a course. Check the current course schedule reflects any pre-registration requirements.

The Teacher Advancement Program follows the same semester end dates as the traditional undergraduate college. TAP start dates for each semester always begin the following day after the end of each traditional undergraduate college semester.

## Teacher Advancement Program Academic Policies

## Non-Degree Student Classification and Course Load

All TAP students are classified as non-degree students. They earn academic credit for work completed successfully, but are not considered degree-seeking students at Vanguard University. TAP courses are further classified as Professional Development courses. A student enrolled in at least six (6) units within a semester is considered half-time; a student enrolled in at least twelve (12) units within a semester is considered fulltime.

Non-degree students do not qualify for loan deferments.

## Plagiarism

Webster's Dictionary defines plagiarism as the act of taking the writings of another person and passing them off as one's own. Plagiarism, cheating, or copying others work is a serious issue and will not be tolerated.

Plagiarism includes, but is not limited to, submitting two or more copies of the same research paper, which are used to fulfill the requirements for more than one class without the consent of the professor(s); copying text from a fellow student, utilizing pre-written articles and/or papers written by another individual; using someone else's words or ideas without crediting that person, with or without the permission of the original writer to use his/her ideas. All material borrowed verbatim must be put in quotation marks and credited appropriately, regardless of the source. Students are responsible for submitting their own work. Plagiarism and cheating can result in a failing grade for assignments and/or the entire class grade.

If students suspect that their work has been plagiarized by another student, they should immediately contact the instructor so action can be taken.

## Course Attendance

Due to the content of TAP courses and the emphasis on participatory learning, students must show active participation (as defined in the syllabus). Students in the face-to-face learning format are expected to report to each class session and complete the work required. Attendance requirements for face-to-face classes are established by each instructor.

## Incomplete Grades

Faculty may assign a grade of I (Incomplete) to students when they warrant additional time to complete coursework is warranted due to situations beyond their control (i.e. serious illness, accident, or death of a family member). If approved, incomplete work for TAP students must be completed no later than thirty (30) days following the final class session. If the incomplete work is not completed within the prescribed period of time, the student will automatically receive a failing grade and the grade will be placed on the permanent record of the student. Instructors are under no obligation to assign an incomplete grade or offer make up assignments. Request for exceptions or extensions to the thirty (30) day limitation must be submitted in writing to the CCC's Chief Academic Officer.

Note: An Incomplete is granted only for such circumstances as major personal or family crisis. Unacceptable reasons include: course load too heavy, previous incompletes, regular job or ministry responsibilities, difficulty with the English language, computer problems, etc.

## Grade Change Policy

See Grade Change Policy in Academic Policies and Procedures.

## Grade Appeal Policy

A student wishing to contest a grade should first seek an explanation in writing from the course instructor assigning the grade. If the instructor is unable to provide supporting material related to the issued grade, or if a mutually acceptable resolution cannot be reached between the student and instructor, a written appeal may be made to the CCC Chief Academic Officer (CAO). The CAO will review the case and, if possible, discuss the issue with both the instructor and student. The CAO will make every effort to reach a mutually satisfactory resolution for the grade appeal by conferring with the student and instructor. Appeals must be initiated no later than thirty (30) days following the last day of the semester in which the grade was assigned.

## Course Sections

A student may take up to four sections of the same course number for face-to-face courses designated ABCD. Students are responsible for knowing which section of the course they are taking and to complete the Registration and Enrollment Agreement accordingly. Any mistakes on the student's transcript due to enrolling in the incorrect section will result in a corrected transcript at a cost assessed to the student.

For more information on course descriptions, please see the all courses section (https://www.collegecreditconnection.com/ccc/ viewCourseDetails.aspx?cid=0).

## Transcripts

An unofficial transcript for each course completed will be emailed to students at the email address designated on their Registration and Enrollment Agreement. Students should allow 1-3 weeks after the class
has ended to receive their official transcript. Students who currently owe tuition funds to Vanguard University and/or CCC will have a hold placed upon their transcripts until their account is settled. There may be additional processing time for students who pay their tuition by a personal or corporate check. For more information, please see the FAQ section (https://www.collegecreditconnection.com/ccc/faq.aspx).

Students may request an Official Transcript through the Registrar's Office. There is a minimal fee per transcript. Allow 7 working days for processing. Transcripts may be ordered through Parchment by completing the (https://catalog.vanguard.edu/academics/registrar/ ccc-tap-transcripts/)Transcript Request Online Form (https:// www.vanguard.edu/academics/registrar/transcripts/). Students requesting an Official Transcript earlier than the 1-3 week time frame are recommended to contact the TAP office to ensure the complete recording of current courses and grades to their record. Re-sent official transcripts may be subject to an additional transcript fee.

## Academic Disqualification

TAP students are subject to immediate academic disqualification if it has been determined that the student does not currently hold a minimum of a Bachelor of Arts degree with an accredited university.

## Teacher Advancement Program Drop and Refund Policy

## Drop Policy

TAP courses may be dropped, If you are intending on dropping a course, please contact the CCC office with a written intent to drop the course (written notice template (https:// www.collegecreditconnection.com/CCC/UploadFiles/Drop\ Withdraw \%20Form\%20Rev\%2009-03-2012.docx)). Without written notice, the student will remain officially registered in the course listed on their enrollment agreement and will be financially and academically responsible for it. All drops will be processed using the date when the student's written notification is received by the CCC office.

Students who email their drop requests are advised to make a copy of the email with the date and time stamp as well as receiver confirmation (if possible). Students should also confirm with the CCC office on the following business day, via phone, that the email request to drop was received. If the written request to drop is made via mail, the student must ensure the request is mailed in enough time to reach the CCC office before the beginning course date. Neither Vanguard University nor CCC are responsible for drop requests sent via email that are not routed correctly and result in non-receipt of the request by the CCC office. For face-to-face courses, students should also contact their course coordinator to notify them of their intent to drop a given course.

If a face-to-face class is currently in session, students must have the course coordinator sign the Drop Form and send it to the CCC Office. Students who have pre-registered for the class may send the form to

College Credit Connection<br>2331 Honolulu Avenue<br>Suite H<br>Montrose, CA 91020

The form may also be faxed to: 818-279-0567. Upon receipt, CCC will review and process any applicable refunds. For more information, please see the FAQ section (https://www.collegecreditconnection.com/ccc/ faq.aspx).

## Non-Payment Policy

Students whose payment does not clear will be contacted by the CCC office to provide a new payment method. Acceptable payment methods are PayPal, electronic checks, money orders, and/or cashier's checks. All transcripts will be held for an account that has an outstanding balance. If a student fails to provide payment in a timely manner, CCC will turn the account over to a collection specialist, and the student will not be allowed to register for any additional course until the balance is paid in full.

## Refund Policy

Tuition refunds may be issued for withdrawal/cancellation when a written notice is filed with the CCC office. Refunds will be based on the date of receipt by the CCC office according to the tuition refund schedule. For more information, please refer to the Refund Policy listed in the FAQ section (https://www.collegecreditconnection.com/ccc/faq.aspx).

Refunds will be mailed within 30 days after CCC receives written notification of the cancellation. Once the student has notified CCC and has been advised in writing of the receipt of their notice, students may request their refunds from the CCC website.

If CCC or Vanguard University cancels or discontinues a course, a full refund of all charges will be applied. Material fees are non-refundable after the first class meeting.

## Education and Training Benefits for Veterans

The Teacher Advancement Program (TAP) is not eligible to be approved by the California State Authorization Agency for Veterans Education (CSAAVE) or U.S. Department of Veteran Affairs. Questions, contact the School Certifying Official.

## DIVISION OF BUSINESS AND COMMUNICATION

Trish Fisher, M.B.A.
Associate Dean, Division of Business and Communication

## The College

- Department of Business and Management (p. 144)
- Department of Communication (p. 154)


## School for Professional Studies

- Department of Business and Management (Professional Studies) (p. 168)


## The College

Michael D. Wilson, Ph.D., Associate Provost and Dean of the College
The College offers undergraduate programs to traditional (residential and commuter) undergraduate students in classroom-based, on-line, and blended formats during a two-semester academic year and in Summer sessions. The College is committed to providing students with a broad education in the liberal arts-an objective requiring study in a variety of academic disciplines-and expertise in an academic major in the arts, communication, the humanities mathematics, the sciences, or the social sciences. This education supports Vanguard University's mission to pursue knowledge, cultivate character, deepen faith, and equip each student for a Spirit-empowered life of Christ-centered leadership and service. Emphasis is placed on the application of an academic discipline to an integrated Christian faith and life as it is lived in vocation, service, and graduate studies.

Academic majors housed in The College are listed below within their respective divisions. Academic majors typically have several options for minors, concentrations, and emphases. A petition for an academic minor, concentration, or emphasis must be filed with the Registrar's Office.

## Division of Arts, Education and Humanities

- English B.A with Integrated Teacher Education Program (ITEP) (p. 78)
- English B.A. (p. 79)
- Liberal Studies B.A. (p. 87)
- Liberal Studies B.A. Integrated Teacher Education Program (ITEP) (p. 89)
- Music B.A. (p. 99)
- Music B.A. with a Concentration in Worship Leadership (p. 100)
- Music B.M. (Pre-Teacher Certificate) (p. 102)
- Theatre Arts B.A. with a Concentration in Musical Theatre (p. 111)
- Theatre Arts B.A. with a Concentration in Stage and Screen Acting/ Directing (p. 114)
- Theatre Arts B.A. with a Concentration in Technical/Design (p. 116)


## Division of Business and Communication

- Accounting B.A. (p. 148)
- Business Administration B.A. (p. 150)
- Communication B.A. with a Concentration in Communication Studies (p. 160)
- Communication B.A. with a Concentration in Film and Visual Storytelling (p. 161)
- Communication B.A. with a Concentration in Health Communication (p. 163)
- Communication B.A. with a Concentration in Public Relations (p. 164)
- Communication B.A. with a Concentration in Technology and Emerging Media (p. 166)
- Marketing B.A. (p. 152)


## Division of Natural, Physical and Health Sciences

- Actuarial Science B.S. (p. 223)
- Biochemistry B.S. (p. 198)
- Biology B.S. (p. 184)
- Biology B.S. with a Concentration in Biomedical (p. 186)
- Biology B.S. with a Concentration in Biotechnology (teach-out) (p. 187)
- Biology B.S. with a Concentration in Neurobiology (p. 188)
- Biology B.S. with an Education Minor (VISTA) (p. 190)
- Biotechnology B.S. (https://catalog.vanguard.edu/stem/ undergraduate/biological-sciences/biotechnology/)
- Chemistry B.S. (p. 200)
- Chemistry B.S. with an Education Minor (VISTA) (p. 201)
- Computer Science B.S. (p. 224)
- Data Science B.S. (p. 226)
- Engineering Physics B.S. (p. 227)
- Environmental Sciences B.S. (p. 203)
- Kinesiology B.S. with a Concentration in Health and Human Performance (p. 210)
- Kinesiology B.S. with a Concentration in Pre-Health Professions (p. 211)
- Mathematics B.S. (p. 228)
- Mathematics B.S. with an Education Minor (VISTA) (p. 230)
- Nursing B.S.N. (Pre-Licensure) (p. 235)


## Division of Social and Behavioral Sciences

- History and Political Science B.A. (p. 262)
- History and Political Science ITEP B.A. (p. 260)
- Psychology B.A. (p. 268)
- Sociology B.A. (p. 277)


## Division of Theology

- Theology B.A. with a Concentration in Biblical Studies (p. 316)
- Theology B.A. with a Concentration in Christian Formation and Discipleship Studies (p. 317)
- Theology B.A. with a Concentration in General Christian Studies (p. 318)
- Theology B.A. with a Concentration in Intercultural Studies (p. 320)
- Theology B.A. with a Concentration in Pastoral Leadership Studies (p. 321)
- Theology B.A. with a Concentration in Youth Leadership (p. 323)


## Department of Business and Management

Mission: The Department of Business and Management is dedicated to equipping Business students to respond ethically, think critically, communicate effectively, and perform with excellence as Christians in a changing world.

The undergraduate Business and Management Program offers degrees in the following majors: Accounting, Business Administration, and Marketing. A Business Minor is offered as well as optional crossdisciplinary concentrations (p. 151) in Data Analytics, International Business, Organizational Psychology, and Management.

Coursework in all majors is viewed from a global perspective and includes the undergraduate Business and Management Core Requirements and additional units in each specific major. Students are responsible to meet prerequisite requirements of any course in which they enroll. Students must achieve a minimum grade of " $\mathrm{C}-$ " in all business courses required for undergraduate Business, Accounting, and Marketing majors, the Business minor and optional Concentrations in the Department of Business and Management.

Students may complete a second major in the Department of Business and Management and have the second major indicated on their transcript; however any courses taken to fulfill major requirements beyond the Business and Management Core may not be counted toward both majors.

The Department of Business and Management is a participant in the Sigma Beta Delta International Honor Society for Business, Management and Administration.

## Program Learning Outcomes PROGRAM STUDENT LEARNING OUTCOMES (PLOs)

PLO 1 - Communication: Students will be able to organize thoughts and compose ideas to demonstrate articulate written, oral, listening, visual, and media skills for effective presentation to varying audiences

PLO 2 - Management and Teamwork: Students will be able to work with others in diverse and cross-functional environments and manage and lead teams to achieve stated objectives

PLO 3 - Thinking (critical, strategic, creative) and problem solving: Students will demonstrate excellence in critical thinking, problem-solving, analysis, and strategic planning so as to be able to link data, knowledge and insight to make sound strategic decisions on a timely basis

PLO 4 - Ethical Reasoning and Spiritual Formation: Students will be able to engage in ethical reflection, evaluate ethical issues, and apply ethical principles and moral values in decision-making

PLO 5 - Decision Making: Students will conduct research and apply analytical decision-making skills to identify structure and solve business problems

PLO 6 - Business Tools and Technology: Students will exhibit technical expertise and demonstrate the use of information technology as a tactical and strategic resource for business professionals

## Program <br> Majors:

- Accounting B.A. (p. 148)
- Business Administration B.A. (p. 150)
- Marketing B.A. (p. 152)


## Minors:

- Business Minor (p. 152)


## Optional Concentrations:

Students enrolled in the Business Administration, Accounting and Marketing majors have the option to select a 12-credit concentration in Management, International Business, Data Analytics, or Organizational Psychology as part of their academic program. Courses in a concentration that were completed as part of an academic major may not be applied to the concentration and must be replaced with an alternative approved course. Please note that Concentrations will appear on academic transcripts once course work has been completed. For more information, contact the Department of Business and Management.

- Business Concentration Options (All Majors) (p. 151)


## Courses

## Accounting

## ACCT-225 Principles of Financial Accounting 3 Credits

This course develops students' understanding and application of financial accounting concepts, the accounting cycle processes and documents, and United States accounting and external financial reporting standards. The course emphasizes understanding the financial statements: balance sheet, income statement, statement of retained earnings, and statement of cash flows. The course prepares students for financial analysis; ethical decision making, understanding fraud in the workplace and internal control.
Prerequisite: MATH-116, MATH-116C, or MATH-170C
Terms Typically Offered: Fall and Spring.

## ACCT-226 Principles of Managerial Accounting 3 Credits

This course is an introduction to managerial decision-making based on common accounting and financial models and analysis. The course topics include management's responsibility to stakeholders, how costs behave, cost-volume-profit analysis, activity-based costing, budgeting, standard costing, performance measurements, and financial analysis.
Prerequisite: Take ACCT-225;
Terms Typically Offered: Fall and Spring.

## ACCT-320 Accounting Information Systems 3 Credits

This course introduces students to organization and implementation of information technology and the study of computer-based systems for the collection, organization, and presentation of accounting information. Prerequisite: Take ACCT-226;
Terms Typically Offered: Fall.
ACCT-321 Accounting and Finance for Decision Making 3 Credits This course is on teach out. Please take ACCT-226. This course examines managerial decision-making based on common accounting and financial models and analysis. The course topics include management's responsibility to stakeholders, how costs behave, cost-volumeprofit analysis, activity based costing, budgeting, standard costing, performance measurements, and financial analysis. The course continues to develop students' understanding of annual reports and financial statement analysis within the entity's industry.
Prerequisite: ACCT-225
Terms Typically Offered: Fall and Spring.

## ACCT-324 Intermediate Accounting I 3 Credits

Studies accounting and reporting of complex business operating activities and financing activities according to generally accepted accounting principles in the United States. Compares United States accounting standards to international accounting standards. Topics include revenue recognition, inventory valuation, and debt and equity financing.
Prerequisite: ACCT-225
Terms Typically Offered: Fall.

## ACCT-325 Intermediate Accounting II 3 Credits

Continues to study accounting and reporting of complex business activities and transactions. The focus is on the investing activities of business and financial reporting. Topics include investments, leases, earnings per share, and analysis of financial statements. The content includes the study of accounting and reporting standards in the United States with comparisons to international accounting standards.
Prerequisite: ACCT-325 with a "C" or better.
Terms Typically Offered: Spring.

## ACCT-332 Cost Accounting 3 Credits

Pre-requisite: ACCT 226. Accounting information for management; cost records; cost behavior and allocation; product costing and inventory valuation; flexible budgeting; standard costs; responsibility accounting; cost planning and control; and analytical procedures
Prerequisite: Take ACCT-226;
Terms Typically Offered: Fall.

## ACCT-427 Auditing 3 Credits

Studies how to conduct external audits or become internal financial managers of organizations that are audited. United States auditing standards are studied and compared to international standards. Course topics include generally accepted auditing standards, fraudulent financial reporting and audit failure, effective internal control procedures, and the influence of the Securities and Exchange Commission on oversight of the accounting profession.

## Prerequisite: ACCT-325

Terms Typically Offered: Spring.

## ACCT-428 Advanced Accounting 3 Credits

The course covers complex accounting and reporting for corporate and non-corporate entities, for profit and not-for-profit entities. It compares and contrasts accounting and financial reporting for partnerships, forprofit complex corporate entities, state and local governments, health and welfare organizations, and government and non-government universities. Prerequisite: ACCT-325 with a "C" or better.
Terms Typically Offered: Fall.

## ACCT-440 Federal Taxation-Individual 3 Credits

The course covers federal income taxation as it applies to individuals. This is an introduction to the federal tax model and how to apply it to the components of taxable income, tax credits, and types of taxes.
Prerequisite: ACCT-325
Terms Typically Offered: Fall.

## ACCT-442 Federal Taxation-Corporate 3 Credits

The subject matter of this course is federal income taxation as it applies to partnerships, fiduciaries and corporations. It builds on the federal tax model presented in ACCT-440, emphasizing concepts about issues specific to corporations.
Prerequisite: ACCT-440 with a "C" or better.
Terms Typically Offered: Spring.

## ACCT-490 Seminar: 1-3 Credits

Mutual investigation of one topic in accounting of particular relevance to upper division majors. May be repeated for credit provided topics are dissimilar.
Terms Typically Offered: On Demand.

## Business Administration

## BUSN-102 Bus Math \& Computer Applicatns 3 Credits

## BUSN-114 Introduction to Business 3 Credits

A basic survey of the scope, function, and organization of modern business.
Terms Typically Offered: Fall and Spring.
BUSN-125 Computer Applications 3 Credits
This course introduces students to math concepts and computer applications that will be used throughout their business coursework. Computer applications will be learned through completion of projects using word processing, spreadsheets, database, and presentation software applications.
Terms Typically Offered: Fall and Spring.

## BUSN-165C Business Statistics 3 Credits

Emphasizes the use of statistics in making business decisions. Utilizes business cases to explore data collection and presentation, descriptive measures, probability, discrete and normal distributions, sampling, hypothesis testing, analysis of variance, chi square, regression, and correlation. Required for business majors. Satisfies the core curriculum math requirement.
Prerequisite: MATH-116 or MATH-170

## BUSN-215 Principles of Macroeconomics 3 Credits

An introduction to the principles of economic analysis, economic institutions, and issues of public policy.
Prerequisite: MATH-116C or MATH-170C; and BUSN-165C or MATH-265C or itsequivalent.
Terms Typically Offered: Fall and Spring.

## BUSN-216 Principles of Microeconomics 3 Credits

An introduction to the economics of private enterprise and resource allocation, including demand, supply, and elasticity; cost of production; price and output determination under various market structures; and pricing and employment resources.
Terms Typically Offered: Fall and Spring.

## BUSN-291 Special Topic in Business 1 Credit

Study of a special topic in business. May be repeated for credit provided topics are dissimilar.
Terms Typically Offered: On Demand.

## BUSN-292 Special Topic in Business 2 Credits

Study of a special topic in business. May be repeated for credit provided topics are dissimilar.
Terms Typically Offered: On Demand.

## BUSN-293 Special Topic in Business 3 Credits

Study of a special topic in business. May be repeated for credit provided topics are dissimilar.
Terms Typically Offered: On Demand.

## BUSN-312 Negotiations and Conflict 3 Credits

This course is designed to equip students with an increased awareness of, interest in, and ability to positively navigate difficult personal and business conversation. Students will learn various tools and techniques necessary for successful negotiations and conflict resolution in various business applications.
Terms Typically Offered: Spring.

## BUSN-316 Legal Aspects/Business Process 3 Credits

An examination of law and its development, courts and procedures, and basic legal principles as they relate primarily to business ethics, business crimes, product and service liability, warranty, business organization and operation, insurance, and property.
Terms Typically Offered: Fall and Spring.

## BUSN-317 Legal \& Ethical Environ/Busin 3 Credits

Explores the historical, philosophical, and religious bases of legal systems, the ethical posture of law as related to the moral dimensions of an economic complex, and the policies and implementation procedures of federal, state, and local regulatory bodies.

## BUSN-435 Business Ethics 3 Credits

Presumes that humans are moral beings facing a variety of moral decisions on a daily basis. Therefore, business, like all social activities, can and does function ethically when moral prerequisites are fulfilled.
The course examines the subject from Judeo-Christian ethics paradigm perspective, using cases to study the phenomenon in the business environment.
Prerequisite: MNGT-325
Terms Typically Offered: Spring.

## BUSN-450 Business Intern Program 1-3 Credits

This course may be taken for a maximum of three units in one semester. A maximum of six combined units credit for BUSN-450 and BUSN-451 apply to graduation. A maximum of nine combined units credit for BUSN-432, BUSN-450, and BUSN-451 apply to graduation. May not be enrolled in more than six units per semester between BUSN-432, BUSN-450, and BUSN-451. This course is designed with the purpose of promoting early entry into the workplace for the student through part-time employment. This course requires actual work experience be sought in a business firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned instructor.
Terms Typically Offered: Fall, Spring, and Summer.

## BUSN-451 Business Teaching Internship 1-3 Credits

This course may be taken for a maximum of three units in one semester. A maximum of six combined units credit for BUSN-450 and BUSN-451 apply to graduation. A maximum of nine combined units credit for BUSN-432, BUSN-450, and BUSN-451 apply to graduation. May not be enrolled in more than six units per semester between BUSN-432, BUSN-450, and BUSN-451. Assists instructor in preparing coursework, study sessions, and/or planning division events. Regular hours each week for classes, meetings, assistance to instructors.
Terms Typically Offered: Fall and Spring.

## BUSN-455C Business Policy and Strategy 3 Credits

Designed to allow the business major the opportunity of integrating the knowledge obtained from accounting, economics, finance, marketing, and organizational management into coherent analytic skills demonstrated through analyzing case studies and engaging in simulations approximating real world business situations. This course fulfills the Core Curriculum Capstone requirement for Business and Management majors.

## BUSN-470 Special Topic in Business 1-3 Credits

Study of a special topic in business. May be repeated for credit provided topics are dissimilar.
Terms Typically Offered: On Demand.
BUSN-480 Individual Studies in Business 1-3 Credits
May be repeated for credit provided topics are dissimilar.

## BUSN-490 Seminar. 1-3 Credits

Mutual investigation of one topic in business of particular relevance to upper division majors. May be repeated for credit provided topics are dissimilar.

## Finance

FINC-320 Personal Financial Mgt 3 Credits
Personal management of budgets, bank accounts, loans, credit buying, insurance, real estate, security buying, and investments, providing students with effective management guidelines to manage their own personal financial affairs.
Terms Typically Offered: Fall.

## FINC-332 Money \& Banking 3 Credits

Nature and functions of money and its relation to prices; the monetary system of the United States; and functions of banks, bank credit, foreign exchange, and monetary control.
Prerequisite: FINC-335
Terms Typically Offered: On Demand.
FINC-335 Corporate Finance 3 Credits
This course is designed to provide the student with an overview of the financial principles and techniques related to financial management within a business enterprise. The course will introduce tools for financial decision making, policy making, and analysis. Areas studied will include financial statement analysis, asset valuation methods, capital budgeting, cost of capital, and capital asset pricing model.
Prerequisite: ACCT-225
Terms Typically Offered: Fall and Spring.
FINC-340 Real Estate Finance 3 Credits
Overview of real estate principles, practices, and investment decisions.
Topics include equity investment, finance, legal aspects, property development, real estate market analysis, and valuation.
Prerequisite: FINC-335
Terms Typically Offered: Spring.
FINC-405 Investments 3 Credits
This course is designed to provide an overview of security valuation and trading methods; technical and fundamental analysis; portfolio theory, analysis, and allocation; and real estate principles and investment decisions.
Prerequisite: FINC-335
Terms Typically Offered: Fall.
FINC-421 International Finance 3 Credits
Integrates various aspects of the financial control system of the international firm utilizing case study analysis. Attention will be given to the application of complex problem solving and model building in dealing with financial and economic forecasting for the firm and the global economy.
Terms Typically Offered: Spring.
FINC-440 Entreprnrship: Formtn/New Ventures 3 Credits
The theory and practice of new venture development. Studies business opportunities from the point of view of the entrepreneur/manager rather than passive investor. Topics include strategic management, venture capital, and writing business plans.
Prerequisite: FINC-335 and MRKT-360
Terms Typically Offered: Spring.

## FINC-490 Seminar 1-3 Credits

Mutual investigation of one topic in finance of particular relevance to upper division majors. May be repeated for credit provided topics are dissimilar.
Terms Typically Offered: On Demand.

## Management

MNGT-325 Management Theory/Practice 3 Credits
An exploration of managerial and leadership roles as they relate to pursuing organizational goals in an efficient and effective capacity. Focuses on the four functions of managing organizations: planning, organizing, leading and controlling.
Terms Typically Offered: Fall and Spring.

## MNGT-330 Nonprofit Management 3 Credits

Integrates research, theory, and application into an overview of the management of non-profit organizations, including the scope and structure of the non-profit sector, fundraising and earned income strategies, non-profit lobbying and advocacy, managing international and global organizations, and social entrepreneurship. This course is open to all students with Sophomore, Junior, or Senior standing.
Terms Typically Offered: Fall.

## MNGT-342 Human Resource Management 3 Credits

Designed to address how organizations can gain a sustainable, competitive advantage through people. This course focuses on recruiting, selecting, and training a diverse workforce; appraising and improving performance; managing compensation and benefits; and enhancing employee-management relations in a global economy. This course is open to students with Sophomore, Junior or Senior class standing. Terms Typically Offered: Spring.

## MNGT-346 Organizational Behavior 3 Credits

Integrates the psychological and sociological aspects of human behavior as they relate to management of domestic and global organizations. Focus is on individual, group, and organizational behavior. Topics include communication, motivation, group dynamics, leadership, power, reward systems, organizational structure, and managing conflict and change. This course is open to students with Sophomore, Junior or Senior class standing.
Terms Typically Offered: Fall.

## MNGT-347 Leadership \& Quality Mngt 3 Credits

Explores the multifaceted world of leadership problem-solving and operations management together with their contemporary application. It focuses on the ongoing developments of analytical and strategic thinking and its relevance from a Quality Management perspective. This course is open to students with Sophomore, Junior or Senior class standing. Terms Typically Offered: Fall.

## MNGT-420 International Management 3 Credits

Focuses on the management of international enterprises. Topics include globalization and worldwide developments; the political, legal, and technological environment; international strategic management; and communication, motivation, and leadership across cultures.
Terms Typically Offered: Fall.

## MNGT-470 Special Topic in Management 1-3 Credits

Study of a special topic in one of the fields of management. May be repeated for credit provided topics are dissimilar.
Terms Typically Offered: On Demand.

## MNGT-490 Seminar. 1-3 Credits

Mutual investigation of one topic in management of particular relevance to upper division majors. May be repeated for credit provided topics are dissimilar.
Terms Typically Offered: On Demand.

## Marketing

MRKT-360 Principles of Marketing 3 Credits
Studies marketing and marketing strategy from a managerial approach. It explores placing products and services in markets at a fair price while meeting customer expectations. The course builds upon the classical "four Ps" theory, and examines marketing's contemporary ideas and practices.
Prerequisite: MATH-116C or MATH-170C; and BUSN-165C or PSYC-265C or itsequivalent.
Terms Typically Offered: Fall and Spring.

## MRKT-365 Marketing Research 3 Credits

Develops the skills needed to conduct and apply research for marketing decision making. Problem formulation, secondary data, primary research, and fundamentals of analysis are covered.
Prerequisite: MRKT-360
Terms Typically Offered: Spring.
MRKT-366 Sales \& Sales Management 3 Credits
Probes and identifies responses and conduct of potential consumers to the various stimuli generated in the media.
Prerequisite: MRKT-360 and MNGT-325
Terms Typically Offered: Fall.

## MRKT-367 Multinational Marketing 3 Credits

Models for delivery of international promotions are studied with an emphasis upon cross-cultural considerations and complications.
Prerequisite: MRKT-360
Terms Typically Offered: Spring.

## MRKT-369 Consumer Behavior 3 Credits

Provides a usable understanding of current consumer behavior concepts and develops a background of knowledge that will enable the individual to apply these principles in marketing.
Prerequisite: MRKT-360
Terms Typically Offered: Spring.

## MRKT-370 Action Sports Marketing 3 Credits

This course is designed to equip students with an increased awareness of, interest in, and ability to positively contribute to marketing initiatives in the action sports industry. Students will learn the conceptual framework and strategies necessary for successful marketing within this unique and dynamic industry. Topics cover a broad spectrum, including: comparison with traditional marketing; company/industry analysis; customer analysis and demographics; product branding strategies; multi-media communications; channels of distribution; teams, events, and promotions. The class will take advantage of the close proximity to numerous action sports industry leading companies by scheduling dynamic guest speakers and several off-site visits.
Prerequisite: MRKT-360 with a "C" or better.
Terms Typically Offered: Fall.

## MRKT-464 Strategic Marketing 3 Credits

This course expands on a foundation related to the primary components of marketing including: market segmentation, research produce/ service, branding, price, marketing communication, and market channel strategies. The course offers a case study approach with large and small group discussion and presentations. A mix of global, e-based, profit, nonprofit, goods and services related organizations are studied. The primary focus is on application of concepts learned and stimulation of critical thinking skills such as analysis, synthesis, and evaluation.
Prerequisite: ACCT-321 or FINC-335; MNGT-325, BUSN-316 or BUSN-317; andMRKT-360 with a "C" or better.
Terms Typically Offered: Fall.

## MRKT-470 Special Topic in Marketing 1-3 Credits

Study of a special topic in one of the fields of marketing. May be repeated for credit provided topics are dissimilar.
Prerequisite: MRKT-360 and a minimum GPA of 2.5 in marketingcourses. Terms Typically Offered: On Demand.

## MRKT-490 Seminar. 1-3 Credits

Mutual investigation of one topic in marketing or particular relevance to upper division majors. May be repeated for credit provided topics are dissimilar.
Prerequisite: MRKT-360 and a minimum GPA of 2.5 in marketingcourses. Terms Typically Offered: On Demand.

## Accounting B.A.

## Requirements

Students working towards a degree in Accounting may select an optional concentration in Data Analysis, International Business, Management or Organizational Psychology. Academic requirements for these optional concentrations can be found here (p. 151).

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements (p. 62) |  |
|  |  |
| Business and Management Core Requirements | 52 |
| Accounting Major Requirements | 36 |
| Electives | 21 |
| Total Units | 11 |

## Business and Management Core Requirements for all Department Majors

| Code | Title | Units |
| :--- | :--- | ---: |
| Lower Division |  |  |
| ACCT-225 | Principles of Financial Accounting | 3 |
| BUSN-114 | Introduction to Business | 3 |
| BUSN-125 | Computer Applications | 3 |
| BUSN-215 | Principles of Macroeconomics | 3 |
| BUSN-216 | Principles of Microeconomics | 3 |
| MATH-116C | College Algebra | 3 |
| or MATH-170C Precalculus |  |  |
| Upper Division <br> BUSN-316 <br> or BUSN-317 | Legal Aspects/Business Process | Legal \& Ethical Environ/Busin |


| ACCT-321 | Accounting and Finance for Decision Making | 3 |
| :--- | :--- | ---: |
| MNGT-325 | Management Theory/Practice | 3 |
| FINC-335 | Corporate Finance | 3 |
| MRKT-360 | Principles of Marketing | 3 |
| BUSN-455C | Business Policy and Strategy (Capstone Course) | 3 |
| Total Units |  | $\mathbf{3 6}$ |

## Accounting Major Requirements

In addition to the Business and Management Core Requirements for an Accounting Major, students must successfully complete the following courses:

| Code | Title | Units |
| :--- | :--- | ---: |
| Accounting Major Requirements |  |  |
| ACCT-324 | Intermediate Accounting I | 3 |
| ACCT-325 | Intermediate Accounting II | 3 |
| ACCT-332 | Cost Accounting | 3 |
| ACCT-427 | Auditing | 3 |
| ACCT-442 | Federal Taxation-Corporate | $\mathbf{3}$ |
| Electives |  | 6 |
| Total Units | $\mathbf{2 1}$ |  |

1
Number of units required from the Core Curriculum not included in the major requirements below.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Business.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | :---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| BUSN-114 | Introduction to Business | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| THEO-101C | Foundations of Christian Life | 3 |
| MATH-PLHDAC | Math Algebra Or Precalculus | 3 |


| SOC-PLHD2 | Social Science Requirement | 3 |
| :--- | :--- | ---: |
| Year 1 Term 2 | Units | $\mathbf{1 6}$ |
| BUSN-125 | Computer Applications | 3 |
| NT-101C | New Testament Survey | 3 |
| MATH-265C | Intro to Statistical Methods | 3 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| SOC-PLHD2 | Social Science Requirement | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | $\mathbf{1 8}$ |

## Year 2 Term 1

| ACCT-225 | Principles of Financial Accounting | 3 |
| :--- | :--- | ---: |
| ENGL-220C | Researched Writing | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| BUSN-216 | Principles of Microeconomics | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | $\mathbf{3}$ |
|  | Units | $\mathbf{1 5}$ |


| Year $\mathbf{2}$ Term 2 |  |  |
| :--- | :--- | :---: |
| ACCT-321 | Accounting and Finance for Decision |  |
|  | Making | 3 |
| OT-201C | Old Testament Survey | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| BUSN-215 | Principles of Macroeconomics | 3 |
| DSCI-100C | Introduction to Data Science | 3 |
| DSCI-100CL | Introduction to Data Science Laboratory | $\mathbf{1}$ |
|  | Units | $\mathbf{1 6}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | ---: |
| ACCT-324 | Intermediate Accounting I | 3 |
| MNGT-325 | Management Theory/Practice | 3 |
| MRKT-360 | Principles of Marketing | 3 |
| FINC-335 | Corporate Finance | 3 |
| DSCI-300 | Database Management | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 3 Term 2 |  |  |
| :--- | :--- | ---: |
| ACCT-325 | Intermediate Accounting II | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| BUSN-PLHDLE | Legal Aspects/Legal Ethical | 3 |
| DSCI-350 | Data Mining | 3 |
| NSCI-PLCR | Science Lec/Lab Requirement | $\mathbf{4}$ |
|  | Units | $\mathbf{1 6}$ |


| Year 4 Term 1 |  |  |
| :--- | :--- | ---: |
| ACCT-440 | Federal Taxation-Individual | 3 |
| ACCT-428 | Advanced Accounting | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
| DSCI-410 | Data Visualization | 3 |
|  | Units | $\mathbf{1 5}$ |

## Year 4 Term 2

ACCT-427 Auditing 3

| ACCT-442 | Federal Taxation-Corporate | 3 |
| :--- | :--- | ---: |
| BUSN-455C | Business Policy and Strategy | 3 |
| CHIS-400C | Christian Heritage | 3 |
|  | Units | $\mathbf{1 2}$ |
|  | Total Units | $\mathbf{1 2 3}$ |

## Business Administration B.A. Requirements

Students working towards a degree in Accounting may select an optional concentration in Data Analysis, International Business, Management or Organizational Psychology. Academic requirements for these optional concentrations can be found here (p. 151).

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements $(\text { p. 62 })^{1}$ | 52 |
| Business and Management Core Requirements | 36 |
| Business Administration Major Requirements | 18 |
| Electives | 14 |
| Total Units | $\mathbf{1 2 0}$ |

## Business and Management Core Requirements for all Department Majors

| Code | Title | Units |
| :--- | :--- | ---: |
| Lower Division |  |  |
| ACCT-225 | Principles of Financial Accounting | 3 |
| ACCT-226 | Principles of Managerial Accounting | 3 |
| BUSN-114 | Introduction to Business | 3 |
| BUSN-125 | Computer Applications | 3 |
| BUSN-215 | Principles of Macroeconomics | 3 |
| BUSN-216 | Principles of Microeconomics | 3 |
| MATH-116C | College Algebra | 3 |
| or MATH-170C | Precalculus | 3 |
| Upper Division |  | 3 |
| BUSN-316 | Legal Aspects/Business Process | 3 |
| or BUSN-317 | Legal \& Ethical Environ/Busin | 3 |
| BUSN-455C | Business Policy and Strategy (Capstone Course) | 3 |
| FINC-335 | Corporate Finance | 3 |
| MNGT-325 | Management Theory/Practice | 36 |
| MRKT-360 | Principles of Marketing | 3 |

## Business Administration Major

In addition to the Business and Management Core Requirements for a Business Administration Major, students must successfully complete the following courses:

Code Title Units
Business Administration Major Requirements
Upper Division:
FINC or ACCT ..... 3
MNGT ..... 3
MRKT ..... 3
ACCT/BUSN/FINC/MNGT/MRKT ..... 3
Upper and/or Lower Division:
Department of Business and Management courses ..... 6

Non-Department of Business and Management courses require
prior approval of the Chair of the Department of Business and
Management.

## Total Units

1
Number of units required from the Core Curriculum not included in the major requirements below.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Business.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| BUSN-114 | Introduction to Business | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| THEO-101C | Foundations of Christian Life | 3 |
| MATH-PLHDAC | Math Algebra Or Precalculus | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | $\mathbf{1 6}$ |
| Year 1 Term 2 |  | 3 |
| BUSN-125 | Computer Applications | 3 |
| MATH-265C | Intro to Statistical Methods | 3 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| SOC-PLHD2 | Social Science Requirement | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | $\mathbf{3}$ |
|  | Units |  |

## Year 2 Term 1

| ACCT-225 | Principles of Financial Accounting | 3 |
| :--- | :--- | ---: |
| ENGL-220C | Researched Writing | 3 |
| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
| NT-101C | New Testament Survey | 3 |
| BUSN-216 | Principles of Microeconomics | 3 |
|  | Units | $\mathbf{1 6}$ |


| Year 2 Term $\mathbf{2}$ |  |  |
| :--- | :--- | ---: |
| OT-201C | Old Testament Survey | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| BUSN-215 | Principles of Macroeconomics | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | ---: |
| MNGT-325 | Management Theory/Practice | 3 |
| MRKT-360 | Principles of Marketing | 3 |
| ACCT-321 | Accounting and Finance for Decision  <br>  Making | 3 |
| FINC-335 | Corporate Finance | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 3 Term 2 |  | 3 |
| :--- | :--- | ---: |
| THEO-300C | Developing a Christian World View | 3 |
| BUSN-PLHDLE | Legal Aspects/Legal Ethical | 3 |
| MNGT-PLUD3 | Upper Division Management Elective (3u) | 3 |
| MRKT-PLUD3 | Upper Division Marketing Elective (3u) | 3 |
| ELCT-PLUD3 | Upper Division General Elective 3 Units | $\mathbf{1 5}$ |


| Year $\mathbf{4}$ Term 1 |  | 3 |
| :--- | :--- | ---: |
| BUSN-PLACFN | Upper Div Acct Or Finc Elct | 3 |
| BUSN-PLUD3A | Upper Div Business Dept Elective (3u) | 3 |
| BUSN-PLUD3B | Upper Div Business Dept Elective (3u) | 3 |
| BUSN-PLGE3 | General Business Dept Elective (3 Units) | 3 |
| ELCT-PLHD3A | General Elective 3 Units | $\mathbf{1 5}$ |


| Year 4 Term 2 |  |  |
| :--- | :--- | ---: |
| CHIS-400C | Christian Heritage | 3 |
| BUSN-455C | Business Policy and Strategy | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
| ELCT-PLUD3 | Upper Division General Elective 3 Units | 3 |
| ELCT-PLHD1 | Elective Course 1 Unit | $\mathbf{1}$ |
|  | Units | $\mathbf{1 3}$ |
|  | Total Units | $\mathbf{1 2 0}$ |

## Business Concentration Options (All Majors)

## Requirements

Students enrolled in the Business Administration, Accounting and Marketing majors have the option to select a 12-credit concentration in Management, International Business, Data Analytics, or Organizational Psychology as part of their academic program. Courses in a concentration that were completed as part of an academic major may not be applied to the concentration and must be replaced with an alternative approved course. Please note that Concentrations will appear on academic transcripts once course work has been completed. For more information, contact the Department of Business and Management.

## Concentration in Data Analytics

The Data Analytics concentration focuses on the science of analyzing data in order to make strategic conclusions about that information. The student will learn to apply various techniques and processes to identify patterns and extract valuable insights that can help guide decisions for a company.

| Code | Title | Units |
| :--- | :--- | ---: |
| Required Courses: |  |  |
| DSCI-100C | Introduction to Data Science | 3 |
| DSCI-100CL | Introduction to Data Science Laboratory | 1 |
| DSCI-300 | Database Management | 3 |
| DSCI-350 | Data Mining | 3 |
| DSCI-410 | Data Visualization | 3 |
| Total Units |  | $\mathbf{1 3}$ |

## Concentration in International Business

The International Business concentration prepares students for entrepreneurial and corporate careers in an ever-more globalizing digital economy. Skill-development is designed to support successful navigation of the challenges of business across diverse cultures, foreign strategies and operations. Experiential learning and foreign language skills are also emphasized.

| Code | Title | Units |
| :--- | :--- | ---: |
| Required Courses: |  |  |
| FINC-421 | International Finance | 3 |
| MNGT-420 | International Management | 3 |
| MRKT-367 | Multinational Marketing | 3 |
| Select 3 units from the following: | 3 |  |
| BUSN-450 | Business Intern Program |  |
| COMM-345 | Communication Across Cultures |  |
| HIST-317 | Modern China |  |
| SOC-442 | Globalization \& Development |  |
| ANTH/ | Area Studies in Anthropology |  |
| HIST-339 |  | $\mathbf{1 2}$ |

Total Units
12

## Concentration in Management

The Management concentration focuses on the application of concepts, theories, tools and technologies in multiple management contexts.
Students develop analytical and problem-solving skills for addressing management issues in conflict resolution, strategy, small business, and organizational change.
Code Title Units

## Required Courses:

| MNGT-342 | Human Resource Management | 3 |
| :--- | :--- | :--- |
| MNGT-420 | International Management | 3 |
| MNGT-346 | Organizational Behavior | 3 |

Select 3 units from the following: 3

| BUSN-450 | Business Intern Program |
| :--- | :--- |
| COMM-333 | Small Group Leadership |
| MNGT-330 | Nonprofit Management |
| BUSN-435 | Business Ethics |
| MNGT-470 | Special Topic in Management (Small Business <br> Management) |


| MNGT-470 | Special Topic in Management (Creativity and <br> Innovation) |
| :--- | :--- |
| PLST-430 | Management/Christian Organztns |

Total Units

## Concentration in Organizational Psychology

The Organizational Psychology concentration provides students with an introduction to general psychological knowledge including personality, individual and group behavior, motivation, culture, and attitudes. Students learn effective conflict resolution and negotiation techniques and demonstrate application of theories and principles within an organizational context.

| Code | Title | Units |
| :--- | :--- | ---: |
| Required Courses: |  |  |
| MNGT-342 | Human Resource Management | 3 |
| PSYC/SOC-324 | Social Psychology | 3 |
| PSYC-374 | Intro to Industrial/Organizational Psyc <br>  <br>  <br> Organizational Psychology | 3 |
| Select $\mathbf{3}$ units from the following: | $\mathbf{3}$ |  |
| BUSN-450 | Business Intern Program |  |
| COMM-345 | Communication Across Cultures |  |
| MNGT-346 | Organizational Behavior |  |
| PSYC-221 | Developmental Psychology | $\mathbf{1 2}$ |
| Total Units |  |  |

## Business Minor

## Requirements

Students in other academic majors outside of the Department of Business and Management may petition to minor in business. Students
are to design a business curriculum which must be pre-approved by the Chair of the Department of Business and Management.

| Code | Title | Units |
| :---: | :---: | :---: |
| Business Minor Requirements |  |  |
| BUSN-114 | Introduction to Business | 3 |
| MATH-116 | College Algebra | 3 |
| or MATH- | Precalculus |  |
| BUSN-165C | Business Statistics | 3 |
| or MATH-265C Intro to Statistical Methods |  |  |
| ACCT-225 | Principles of Financial Accounting | 3 |
| MNGT-325 | Management Theory/Practice | 3 |
| MRKT-360 | Principles of Marketing | 3 |
| Electives (3 units must be Upper Division) |  | 3 |
| Total Units |  | 21 |

## Marketing B.A. <br> Requirements

Students working towards a degree in Accounting may select an optional concentration in Data Analysis, International Business, Management or Organizational Psychology. Academic requirements for these optional concentrations can be found here (p. 151).
Code

Title

Units

Core Curriculum Requirements (p.62) ${ }^{1} 52$
Business and Management Core Requirements 36
Marketing Major Requirements 18
Electives 14
Total Units 120

## Business and Management Core Requirements for all Department Majors

Code Title Units

| Lower Division |  | 3 |
| :--- | :--- | ---: |
| ACCT-225 | Principles of Financial Accounting | 3 |
| BUSN-114 | Introduction to Business | 3 |
| BUSN-125 | Computer Applications | 3 |
| BUSN-215 | Principles of Macroeconomics | 3 |
| BUSN-216 | Principles of Microeconomics | 3 |
| MATH-116C | College Algebra |  |
| or MATH-170C Precalculus |  |  |
| Upper Division |  | 3 |
| ACCT-321 | Accounting and Finance for Decision Making | 3 |
| BUSN-316 | Legal Aspects/Business Process |  |
| or BUSN-317 | Legal \& Ethical Environ/Busin | 3 |
| BUSN-455C | Business Policy and Strategy (Capstone Course) | 3 |
| FINC-335 | Corporate Finance | 3 |
| MNGT-325 | Management Theory/Practice | 3 |


| MRKT-360 | Principles of Marketing | 3 |
| :--- | ---: | ---: |
| Total Units | 36 |  |

## Marketing Major Requirements

In addition to the Business and Management Core Requirements for an Accounting Major, students must successfully complete the following courses:

| Code | Title | Units |
| :--- | :--- | :---: |
| Marketing Major Requirements |  |  |
| MRKT-365 | Marketing Research | 3 |
| MRKT-366 | Sales \& Sales Management | 3 |
| MRKT-369 | Consumer Behavior | 3 |
| MRKT-464 | Strategic Marketing | 3 |
| COMM-378 | PR: Corp Comm, Information, and Mgmt | 3 |

Upper Division
Department of Business and Management courses
3
(Students may take (specified intra-disciplinary) courses to fulfill these requirements, requiring prior approval of the Chair of the Department of Business and Management).
Total Units
18
1
Number of units required from the Core Curriculum not included in the major requirements below.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Business.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| BUSN-114 | Introduction to Business | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| THEO-101C | Foundations of Christian Life | 3 |
| MATH-PLHDAC | Math Algebra Or Precalculus | 3 |


| SOC-PLHD2 | Social Science Requirement | 3 |
| :--- | :--- | ---: |
| Units | $\mathbf{1 6}$ |  |


| Year 1 Term $\mathbf{2}$ |  |  |
| :--- | :--- | ---: |
| BUSN-125 | Computer Applications | 3 |
| NT-101C | New Testament Survey | 3 |
| MATH-265C | Intro to Statistical Methods | 3 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| SOC-PLHD2 | Social Science Requirement | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | $\mathbf{1 8}$ |

## Year 2 Term 1

BUSN-PLHDEC Macro Or Micro Economics 3
ACCT-225 Principles of Financial Accounting 3
ENGL-220C Researched Writing 3

COMM-201C Speech Composition and Presentation 3
NSCI-PLCR Science Lec/Lab Requirement 4

Year 2 Term 2

| BUSN-PLHDEC | Macro Or Micro Economics | 3 |
| :--- | :--- | ---: |
| OT-201C | Old Testament Survey | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | $\mathbf{3}$ |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | $\mathbf{3}$ |
|  | Units | $\mathbf{1 5}$ |

## Year 3 Term 1

| MNGT-325 | Management Theory/Practice | 3 |
| :--- | :--- | ---: |
| MRKT-360 | Principles of Marketing | 3 |
| ACCT-321 | Accounting and Finance for Decision | 3 |
|  | Making | $\mathbf{3}$ |
| FINC-335 | Corporate Finance | $\mathbf{3}$ |
| ELCT-PLHD3A | General Elective 3 Units | $\mathbf{1 5}$ |

Year 3 Term 2
THEO-300C Developing a Christian World View 3
BUSN-PLHDLE Legal Aspects/Legal Ethical 3
MRKT-369 Consumer Behavior 3
MRKT-365 Marketing Research 3

| ELCT-PLHD3A | General Elective 3 Units | 3 |
| :--- | :--- | ---: |
|  | Units | $\mathbf{1 5}$ |

Year 4 Term 1

| COMM-378 | PR: Corp Comm, Information, and Mgmt | 3 |
| :--- | :--- | ---: |
| MRKT-464 | Strategic Marketing | 3 |
| MRKT-366 | Sales \& Sales Management | 3 |
| BUSN-PLUD3A | Upper Div Business Dept Elective (3u) | 3 |
| ELCT-PLHD2 | General Elective Course 2 Units | $\mathbf{2}$ |
|  | Units | $\mathbf{1 4}$ |

## Year 4 Term 2

BUSN-455C Business Policy and Strategy 3
CHIS-400C Christian Heritage 3

| ELCT-PLHD3A | General Elective 3 Units | 3 |
| :--- | :--- | ---: |
| ELCT-PLHD3B | General Elective 3 Units | 3 |
|  | Units | $\mathbf{1 2}$ |
|  | Total Units | $\mathbf{1 2 1}$ |

## Department of Communication Department Mission:

1. Create an environment in which the student can study the principles and concepts of Communication within the context of exploring and deepening their Christian faith commitment.
2. Give the student an understanding of the foundational theoretical principles of Communication that in turn will have professional, social, interpersonal and general pragmatic utility.
3. Provide the student with a basic understanding of the depth and breadth of the discipline, and ensure they have the necessary intellectually sophisticated skills to think critically, creatively and analytically about the field.
4. Provide resources such as faculty mentors, guest lecturers, and technology that will deepen the students' appreciation for and knowledge of the discipline as well enriching the academic life of the university as a whole.
5. Impart the student with the knowledge and ability to find and utilize educational resources within and beyond the University walls to further expand knowledge after graduation.

## Communication Major

The Department of Communication offers a B.A. in Communication with the following concentrations: Communication Studies, Health Studies, Film \& Visual Storytelling, Public Relations, and Technology \& Emerging Media. A minor in Communication, Sports Media and a minor in Public Relations are also offered.

The Department of Communication is a participant in the National Communication Association's Lambda Pi Eta student honor society, the Public Relations Society of America, National Religious Broadcasters, and the Council of Christian Colleges and Universities.

## Department Policies

More and more students are entering the University with significant knowledge of graphic design applications and camera equipment. Students may want to jump-start their degree progress by enrolling in advanced coursework upon entrance. Students who wish to opt-out of these foundational courses, (Elements of Storytelling, Visual Technology and Intro/Intermediate Filmmaking) must meet with a professor in the department to discuss previous experience and may be required to take and pass online testing or produce a portfolio of work for each course and must take other courses to fill the required units. These students are still required to earn 120 units to graduate.

All Communication majors are expected to make satisfactory academic progress toward graduation. In addition to the requirements established by the university, the Department of Communication requires that all of its majors maintain a minimum GPA of 2.5 in all major coursework as part of their minimum requirement for graduation.

Students are personally responsible to meet the prerequisite requirements of any course in which they are enrolled.

All Communication majors or any student enrolled in select communication courses will be assessed a special fee each semester.

## Program Learning Outcomes Program Learning Outcomes

The B.A. in Communication has seven program learning outcomes or competencies: (1) Oral Communication Competency, (2) Interpersonal Communication Competency, (3) Intercultural Communication Competency, (4) Critical Analysis Competency, (5) Written Communication Competency, (6) Research Skills Competency, and (7) Technological Literacy Competency.

## ORAL COMMUNICATION

It is expected that students choosing to major in Communication will be able to demonstrate significant oral communication competencies in all types of public presentations. At a minimum, Communication students are expected to be able to choose a topic, gather information, narrow the focus of the topic, and present a logical, cohesive, well-structured, informative or persuasive oration that is 5-10 minutes in length.

## INTERPERSONAL COMMUNICATION

It is expected that students choosing to major in Communication will develop effective interpersonal communication skills that will enable them to become valued members of dyadic or small group interactions. Effective interpersonal skills are just as important as oral communication skills in encouraging students to continue on a path of life-long learning. Additionally, interpersonal competency is an integral part of all workplace teams and students who demonstrate significant interpersonal competence in this area increase their chances for success both socially and professionally. In keeping with the performative nature of our discipline, Communication students must demonstrate their ability to actively interact verbally and nonverbally with fellow classmates in group and individual problem-solving interactions.

## INTERCULTURAL COMMUNICATION

Students choosing to major in Communication are expected to become more competent communicators in an intercultural and culturally diverse environment. Intercultural Communication competence can be defined as "the ability to effectively and appropriately execute communication behaviors to elicit a desired response in a specific environment" (Chen \& Starosta, 1998, p. 241). At a minimum, our students will be expected to demonstrate through oral, written, and group communication assignments that they understand the complicated nature of intercultural communication.

## CRITICAL ANALYSIS

Students who choose to major in communication are challenged to develop their critical thinking skills. This competency assumes that students will develop the critical thinking ability to analyze evidence (spoken, written or visual) for its relevance, and be able to draw reasonable conclusions from the information. Critical thinking skills are perhaps the most prolific communication competency in our Department curriculum. Communication students must be able to demonstrate their critical thinking skills through oral and written self-advocacy.

## WRITTEN COMMUNICATION

Students who choose to major in Communication are challenged to develop their writing skills. Writing and speaking are symbiotic competencies that
enable individuals to communicate with mass audiences. The ability to write in a clear concise fashion is one of the most important skills students will need upon graduation. This competency requires graduating students to show proficiency in standard English expression, by demonstrating to the satisfaction of their individual Department professors that they can write both professionally and academically. Specifically, graduating communication students must be able to personally demonstrate abilities in writing content, grammar, spelling, style and form.

## RESEARCH SKILLS

Students who choose to major in Communication are challenged to develop their critical research skills. It is not enough for these students to have effective oral communication or writing skills; they must have evidence to support the propositions they are advocating. Students must also know how to conduct effective research in order to effectively prepare, screenplays, films and advertising proposals.

## TECHNOLOGICAL LITERACY

The technological literacy competency deals with fluency-a place for those with different personalities, backgrounds, and thresholds to get in the same "conversation." Learning and demonstrating personal competency in the industry-standard hardware and software that students will utilize in future endeavors and career paths creates technological fluency. Students must possess the eye-hand coordination and motor skills necessary to properly operate and utilize computer hardware, software and specialized equipment specific to their area of concentration and coursework. Students become fluent at sending and receiving messages in order to create shorthand for future experience. This fluency is a tool to support and enhance other competencies in a qualitative manner.

## Programs

Major:

- Communication B.A. with a Concentration in Communication Studies (p. 160)
- Communication B.A. with a Concentration in Film and Visual Storytelling (p. 161)
- Communication B.A. with a Concentration in Health Communication (p. 163)
- Communication B.A. with a Concentration in Public Relations (p. 164)
- Communication B.A. with a Concentration in Technology and Emerging Media (p. 166)


## Minor:

- Communication Minor (p. 167)
- Public Relations Minor (p. 167)


## Courses

NOTE: Some of the courses listed below may be applicable to general education requirements within the Professional Studies/Non-Traditional Education program (e.g. COMM-201 Speech Composition and Presentation). Questions, contact the Department of Communication or the Registrar's Office.

## Communication Courses

## COMM-125 Introduction to Filmmaking 1 Credit

An introduction to basic filmmaking terminology, processes, equipment, and roles. This course will largely take place online through guided reading, videos and interactive assignments. The course will also include an in-person, hands-on workshop that will introduce students to the facilities, resources and guidelines for making films at Vanguard.

## COMM-130 Introduction to Communication 3 Credits

Provides students with a general survey of the discipline of communication. Students will engage with various aspects of the discipline including: intrapersonal, interpersonal, small group, organizational, cultural, rhetorical, visual, and technologically-mediated communication.
COMM-201 Speech Composition and Presentation 3 Credits
This course is designed to provide the student with a general working knowledge of the fundamentals of speech communication. General requirements for speech preparation, composition and presentation will be covered. A foundation will be established upon which further speech development may transpire. Lab fee. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## COMM-201C Speech Composition and Presentation 3 Credits

This course is designed to provide the student with a general working knowledge of the fundamentals of speech communication. General requirements for speech preparation, composition and presentation will be covered. A foundation will be established upon which further speech development may transpire. Lab fee.
Terms Typically Offered: Fall and Spring.

## COMM-212 History of Communication Studies 3 Credits

This course is on teach out. A historical and interdisciplinary analysis of the development of communication and arts theories, concepts and practices from the classical rhetorical tradition to the present.

## COMM-220 Elements of Storytelling 3 Credits

An introduction to story structure, this course focuses on envisioning story ideas and developing those ideas into written formats for the screen and other mediums.

## COMM-222 Photography 3 Credits

Students will gain an understanding of composition and aesthetics as well as technical aspects of photography in the digital world. Lab Fee. Terms Typically Offered: Fall.

## COMM-229 Intermediate Filmmaking Production 3 Credits

A hands-on engagement with the filmmaking process, including preproduction, single camera operation, basic non-linear editing, field recording, and post-production sound. This class includes lectures, screenings, and technical exercises. (Formerly Foundations of Audio \& Video Production, 2018)
Prerequisite: COMM-125
Terms Typically Offered: Fall and Spring.

## COMM-230 Ethics in Film 3 Credits

Through in-class screenings, intensive class discussion and related readings, this course will examine films whose themes strongly concern the depiction of ethical and moral choice. This course will discuss the ways in which filmmakers create meaningful ethical dilemmas; how the characters' choices are portrayed; and how these portrayals may influence our own formulation of value systems and ethical choices. Meets a Humanities/Fine Arts requirement. (School for Professional Studies Course).

## COMM-235 Introduction to Journalism 3 Credits

Fundamentals of news reporting, including interviewing, quoting, paraphrasing, inverted triangle, and sourcing stories. Students are introduced to multiple journalism genres, including: news stories, opinions, features, profiles, and reviews.
Prerequisite: ENGL-120C
Terms Typically Offered: Fall and Spring.

## COMM-258 Christianity and Artistic Culture 3 Credits

Combines film screening, critical analysis and theory to enable students to examine morality, ethics and screen portrayals pertaining to Christianity, gender, and ethnicity. The aim is to motivate students toward personal accountability and responsibility, as well as creative refinement and sophistication when producing media content.
Terms Typically Offered: Fall and Spring.

## COMM-273 Visual Technology 3 Credits

An introduction to the technological necessities of the Communication major. This course equips the student for future communication classes regardless of concentration or emphasis. Lab Fee.
Terms Typically Offered: Fall and Spring.

## COMM-290 Intro to Interpersonal Communication 3 Credits

The primary elements of the communication process as it occurs between two persons in everyday settings. Among the topics considered are: language and meaning, nonverbal communication, person perception, and self-concept. This course does not fulfill a core curriculum requirement.(School for Professional Studies Course). Terms Typically Offered: Fall and Spring.
COMM-291 Special Topic: 1 Credit
Study of a special topic in communication. May be repeated for credit.

## COMM-292 Special Topic: 2 Credits

Study of a special topic in communication. May be repeated for credit.

## COMM-293 Special Topic: 3 Credits

Study of a special topic in communication. May be repeated for credit.

## COMM-297 Comm. Research Methods 3 Credits

This class will provide an overview of the concepts, methods, and tools bywhich communication research is designed, conducted, interpreted, and critically evaluated. In this course students will learn to become knowledgeable consumers and producers of communicationresearch through developing skills in gathering, organizing, interpreting and presenting research information.

## COMM-305 Communication Theory 3 Credits

Theories help us to make sense of the world around us. Some theories are "grand" (think ideologies or schools of thought) while others are narrower in focus (think particular economic or scientific theories - like the theory of relativity). But regardless of their scope, all theories shape how we make judgments about reality, relationships, circumstances, and decisions in our lives. This course int roduces you to theories of communication, both large and small, with the goal of applying them to your life and better equipping you to make sense of the communicative aspects of your world. This course serves an introduction to theories in communication. It provides you with a broad overview of various theories and theoretical approaches employed in the study of communication. Emphasis will be placed on theoretical schools of thought within the discipline, and on many levels of interaction from interpersonal and intercultural to mass and mediated communication. The course also explores how and why communication theories are developed, how they can be evaluated, and how they are applicable in our daily lives.
Prerequisite: MATH-265C, SOC-265C, or PSYC-265C
Terms Typically Offered: Fall.

## COMM-306 Writing for Film and New Media 3 Credits

The course will serve as an introduction to the art and craft of screenwriting. Students will learn proper screenplay format, story structure, plot, characterization and other important elements of narrative storytelling. The course focuses on the short form and students will be required to write three, complete and polished short screenplays, utilizing the above skills.
Prerequisite: COMM-220
Terms Typically Offered: Spring.

## COMM-309 Graphic Design 3 Credits

This course will serve as an introduction to the theory and practice of graphic design. Students will learn to incorporate research, illustrations, and other graphics necessary to complete visuals, and then present results individually and as a group. Provides practical experience in essential studio techniques and technology, with an emphasis on Adobe CC applications, color theory and psychology, and typography. This course is helpful in building visual literacy, expanding conceptual and technical skills, and improving creative problem solving.
Prerequisite: COMM-273
Terms Typically Offered: Fall.

## COMM-314 Mythology in Film 3 Credits

Students will gain an understanding of how ancient mythology from the Greeks and Romans provides a vast set of stories, themes, and symbols encountered time and time again in film.
Terms Typically Offered: Fall.
COMM-317 Creative Process-Theory and Practice 3 Credits
This course will consider the theory and practice of creative communication. It will focus on creative problem-solving strategies and on sharpening communication skills to stimulate higher levels of creativity.
Terms Typically Offered: Spring.

## COMM-318 Nonverbal Communication 3 Credits

This course will serve as an introduction to nonverbal communication in everyday interaction. That includes the scholarship and research supporting our understanding of nonverbal communication to improve the student's knowledge as a communication expert. Aspects of body movement, facial expressions, eye behavior, physical appearance, voice, touch, space, smell, time and environmental features will be examined.
Emphasis will also be placed on the intercultural dimension of nonverbal communication.
Terms Typically Offered: Spring.

## COMM-319 Publications: Newspaper 1-3 Credits

Members of the class constitute the editorial staff of the college newspaper. Class meets weekly for critique on news reporting, writing, editing, makeup, and production of the campus newspaper. May be repeated for a maximum of six units.
Prerequisite: ENGL-235;
Terms Typically Offered: Fall and Spring.

## COMM-333 Small Group Leadership 3 Credits

Study of the research into and theory of small group dynamics, particularly leadership. Exercises in problem solving in small groups. Study of conflict management.
Terms Typically Offered: Fall.

## COMM-345 Communication Across Cultures 3 Credits

This course is designed to develop an understanding of the process of communication across global cultural boundaries. Students will be introduced to the concepts, characteristics, and elements of culture along with the "deep structures" of culture which includes cultural views on family, religion (worldview), history, values, and identity. Special attention will also be paid to applying intercultural communication skills within the contexts of business, education, healthcare, and the Church. Overall, emphasis will be on developing students' intercultural communication competency through in-class instruction and real-world experiential learning opportunities.
COMM-362 Contemporary Issues in Public Discourse 3 Credits Critical analysis of the rhetorical nature of various forms of religious political and social issues communication found in contemporary American society. Topics include: Current evangelistic movements, religious personalities, political communication in modern presidential administrations, political personalities, abortion, and euthanasia rhetoric.

## COMM-364 Organizational Communication 3 Credits

This course examines the inter-relationships between management and communication theories. The microsystems and macrosystems within an organization are emphasized in terms of intrapersonal, interpersonal, small group and organizational communication theories.
Terms Typically Offered: Fall.

## COMM-374 Communication, Gender and Culture 3 Credits

This course aims to examine the intersection of communication, gender and culture in our everyday lives. It will provide students with an understanding of how gender is a socially constructed and cultural phenomenon that impacts the way we communicate. The course will also explore the complex relationships among men, women and communication from theoretical and practical perspectives. Differences in the communication patterns of men and women will be studied in a variety of practical contexts such as in business, education and relationships.

## COMM-375 Television Studio Production 3 Credits

Students will learn the history of televised media. Using concepts from this foundational knowledge, students will work together to produce a 30 minute studio drama or news program for broadcast. Lab Fee. Prerequisite: COMM-229
Terms Typically Offered: Spring.

## COMM-376 Communication, Race and Ethnicity 3 Credits

This course explores the complicated and multidimensional relationship between race, ethnicity, culture, and communication in American society. Specific attention will be placed on understanding one's own racial/ ethnic identity, as well as those of other groups. The course will cover various foundations of interracial communication including topics such as language, identity, history, cultural influences, and theories and will draw on this foundation to discuss interracial communication in several contexts (i.e., interpersonal relationships, organizations/business, religion/the Church, healthcare, mass and social media, etc.). Emphasis will be placed on engaging students in experiential learning opportunities. Terms Typically Offered: Spring.
COMM-378 PR: Corp Comm, Information, and Mgmt 3 Credits
This course examines the management and control of information within a corporate body. Students will deal with single concepts, such as shaping and producing highly focused advertisement, press releases, fact sheets, backgrounders, etc. Students will be expected to create and present detailed approximations of final, printed projects sufficiently clear and detailed as to convince a client of the viability of the various solutions.
Terms Typically Offered: Fall.
COMM-380 PR: Corp Comm, Projects, and Campaigns 3 Credits
This course examines corporate projects and campaigns. Students will deal with complex issues and the development of crisis management responses, delta management, downsizing, marketing strategies, new product roll-outs, and customer-employee communication.
Prerequisite: COMM-378
Terms Typically Offered: Spring.

## COMM-381 Photojournalism 3 Credits

This course is designed as an introduction to photojournalism and its basic principles. Students will be introduced to concepts, practice and techniques used to communicate and story tell through photography. Areas of photojournalism explored will include new features, sports, portraits and documentary photo stories. Personal ethics consideration will also be discussed. Emphasis will be placed on photography as a means of communication and personal expression including: composition, aesthetics, lighting (natural and artificial), conceptual content, critical evaluation, and historical perspectives.
Prerequisite: COMM-222 or permission of instructor Terms Typically Offered: Spring.

## COMM-382 Cinema Technology Series 1-2 Credits

This course focuses on specific technical skills for filmmaking. Students may ask their advisor for the topic of the course during registration for each semester it is offered. May be repeated for a maximum of 4 units. Lab Fee.
Terms Typically Offered: On Demand.

## COMM-385 New Media Production 3 Credits

The course will examine the field of new media production and platforms, from YouTube to Apple to Glitch. Students will gain experience with emerging storytelling formats, such as webisodes, podcasts, and content for mobile applications. Students will collaboratively produce an audio podcast and a narrative or documentary webisode.
Prerequisite: COMM-229
Terms Typically Offered: Spring.
COMM-386 Music Video Production 3 Credits
This course focuses on the exciting craft of creating music videos with an artist/band. Individually and within a group setting, students will create three music videos that add artistry and flavor to a song/music. The class will push the boundaries of creative filmmaking and learn to collaborate with others to utilize narrative, documentary and experimental film techniques to tell a story. Students will also explore the social and historical aspects of the music video as an art form.
Prerequisite: COMM-229
Terms Typically Offered: Fall.

## COMM-387 Postproduction 3 Credits

This course will explore the post-production process for film and video, with an emphasis on specific skill sets and roles in this ever-evolving landscape. Topics include: post-production workflows, non-linear editing; the impact of sound-from music to effects; and color correction.
Prerequisite: COMM-229
Terms Typically Offered: Spring.

## COMM-388 Visual Storytelling: Narrative 3 Credits

Students will learn fundamentals in the art of narrative film production. This course provides students experience with the entirety of the filmmaking process from story/script development through postproduction, culminating in a short film project.

## Prerequisite: COMM-229

COMM-389 Visual Storytelling: Documentary 3 Credits
Students will learn fundamentals in the art of documentary film production including camera frame choices, the interview process, and choosing subjects wisely. Students will take projects through production and into post-production adding lower thirds and learning documentary editing technique. Lab fee.
Terms Typically Offered: Spring.

## COMM-393 History of Communication 3 Credits

This course will be a comprehensive review of the development and evolution of human communication technology from stone age symbols to social media. The impact and influence of communication technology on human civilization will also be discussed.

## COMM-394 Health Communication 3 Credits

The purpose of this course is to develop a greater understanding of health communication concepts, theories, research methods, cases, and other practices and their application to real-world health issues and problems. In this course, students will gain an understanding of the field of health communication; learn about health communication approaches across a wide variety of contexts-interpersonal (patient-caregiver), organizational (patient advocacy, hospital education, HR, hospital administration, public policy), mediated (PR, marketing, social media, public health campaigns); and explore the various career opportunities in health communication. Students will develop an area of interest for research and further application in their major.
Terms Typically Offered: Fall.

## COMM-395 Sports Media 3 Credits

This course introduces students to a range of professional settings and opportunities related to sports media. Students will learn the fundamentals of gathering, organizing, evaluating and creating sports information in accepted professional style across a wide range of forms of sports media content platforms; these may include but not be limited to print, broadcast, video, interviews and social media. This course will also provide student with a conceptual, strategic, and technical understanding of the operation and business of sports communications at all levels of sports.
Prerequisite: Take ENGL-235 COMM-125
Terms Typically Offered: Spring.

## COMM-401 Graphic Design II 3 Credits

This course is a continuation of Graphic Design I and provide hands-on exposure to a variety of complex visual design problems. Students will be exposed to advanced design tools and techniques within Adobe CC Photoshop and Illustrator. In addition, students will incorporate their designs into Adobe CC InDesign to create multi-page layouts in order to solve client needs. Students develop strengths in conceptual thinking and formal experimentation. students are encouraged to develop languages of design that reflect their own artistic and cultural identities while communicating to various audiences.
Prerequisite: Take COMM-309
Terms Typically Offered: Spring.

## COMM-402 Family Communication 3 Credits

This course is on teach out. This course is designed to provide the student with an upper division, theoretically founded knowledge of family communication. Through the use of the text, lecture, library research and occasional film viewings we will undertake the study of the hows and the ways of family communication. Must have junior or senior standing to register for this course.

## COMM-404 Social Media 2 Credits

A hands-on primer to current trends in social technology. Students will experiment with a variety of popular and emerging social technologies and learn how to communicate through these tools to changing and diverse audiences.
Prerequisite: COMM-273;
Terms Typically Offered: Spring.

## COMM-411 Mobile and Web Development 2 Credits

A practical introduction to mobile and web development. Students will learn fundamental terminology and processes, how to create basic websites and apps through existing tools and how to tailor communication for this visual medium.

## Prerequisite: COMM-273

## COMM-412 Computer Mediated Communication 2 Credits

A practical introduction to current methods of computer-mediated communication in professional contexts. Students will learn how to use tools that create webinars, videoconferencing events, live-streaming, augmented reality experiences, virtual reality experiences and other technologies used in marketing, public relations and related fields.
Prerequisite: COMM-273
Terms Typically Offered: Fall.

## COMM-413 Preparing for Post Graduation 1 Credit

This course enables students in any undergraduate major to determine actionable and measurable goals to achieve success after graduation.
Topics include: networking, job hunting, personal finances, and long-term planning. The course is a hybrid of self-guided online workshops and face-to-face small group discussion.
Terms Typically Offered: Fall and Spring.

## COMM-417 Professional Communication 2 Credits

This class will examine how to write and speak as a professional to professionals, with a focus on business settings, meetings, interviews and presentations. Must have achieved a " C " or better in COMM-201C
Prerequisite: COMM-201C, COMM-273
Terms Typically Offered: Fall.
COMM-418 Knowledge Management and Data Interpretation 2 Credits
This course provides students with a general background in strategic communication research. Students will be introduced to methods such as interviewing, focus groups, and survey writing. In addition, students will learn how to use industry research tools, find and interpret existing studies and data, and use data effectively to achieve communication goals.
Terms Typically Offered: Spring.

## COMM-419 Digital Advocacy 2 Credits

This course takes a hands-on approach to learning how to effectively utilize digital platforms when launching and sustaining a non-profit organization or social enterprise. Students will learn best practices and strategies for creating an engaged audience who helps to champion an issue, cause or brand.
Terms Typically Offered: Fall.

## comm-443 Crisis Communication 3 Credits

In a world of instant news and social media, organizations must be prepared to respond to crises quickly and strategically. This course focuses on crisis communication and management, emphasizing practical application of theories, strategies, and tactics from a public relations perspective.
Terms Typically Offered: Spring.
COMM-444 Argumentation \& Debate 3 Credits
This course is on teach out. Study of the theory and principles of argumentation and debate. Analysis of lines of argumentation found in the contemporary social, political, and religious scenes. Study of techniques of debating.

## COMM-445 Persuasion 3 Credits

Study of the research and theory of persuasion. Presentation of several persuasive speeches.
Terms Typically Offered: Spring.

## COMM-446 Health Lit. \& Communication 3 Credits

This course will explore health literacy and its relationship to health outcomes, especially in vulnerable or at-risk populations. It will engage health communication as an applied approach to reduce health disparities, in the local and global context. The course will examine how strategically designed and culturally sensitive communication programs, practices, and policies can be used to enhance health outcomes. Students will learn to evaluate the effectiveness of health communication programs, design appropriate health communication interventions, and to use communication effectively to improve health outcomes. A particular emphasis will be placed on the use of media to communicate and educate.
Terms Typically Offered: Spring.

## COMM-450 Internship 1-6 Credits

Must have consent of instructor and Department chair. Must be a communication major. Students may seek a position which relates to their major with a cooperating business in the communication industry. Students are required to work fifty hours for each academic unit hour received. A weekly report to the supervising professor is required. May be repeated for a maximum of six units.
Terms Typically Offered: Spring.

## COMM-452 Relational Communication 3 Credits

This course is designed to help you communicate confidently and competently in all your interpersonal relationships (e.g., romantic, friendship, family, coworker, and business relationships) and to introduce you to the examination, analysis, and application of theories and concepts of relational communication. The course will be organized around three general)topic areas: (1) developing relationships, (2) maintaining satisfying relationships, and (3) coping with relational challenges over time.
Prerequisite: COMM-290
Terms Typically Offered: Spring.

## COMM-454 Sports Media Practicum 1-3 Credits

An experiential learning course that provides students with the opportunity to gain practical experience in sports media content creation. Course requirements are developed and supervised by University Athletics in collaboration with faculty in the department of Communication. Students will develop a portfolio of professional level work over the duration of the course. Fifty hours of work must be completed for each academic unit received.Students must consult the department of Communication for permission to register. May be repeated for a maximum of 6 units. Students pursuing a minor in Sports Media must complete a total of three units prior to graduation.
Prerequisite: COMM-395 OR Permission of Instructor
Terms Typically Offered: Fall and Spring.

## COMM-455 Communication Teaching Internship 1-6 Credits

Regular hours each week for classes and/or meetings are established at the beginning of the semester. The teaching intern helps an instructor in planning and conducting a course and/or research session. This course may be taken for 1-3 units per semester. May be repeated for a maximum of six units.
Terms Typically Offered: Fall and Spring.

## COMM-458 Alternative Storytelling Techniques 3 Credits

The course will explore alternative methods of visual storytelling through current and emerging technology. Topics include: sequential art and 2D animation, mobile and web-based content, and immersive and interactive storytelling. Students will create a documentary or narrative project utilizing one of the techniques introduced.
Prerequisite: COMM-229
Terms Typically Offered: Fall, even years.

## COMM-460 Advanced Filmmaking 3 Credits

This course focuses on furthering/advancing skills learned in the Introduction to Filmmaking and Intermediate Filmmaking classes. The course will cover advanced practices of cinematography, sound, set management, directing actors and producing. Special emphasis will be placed on achieving a sense of professionalism in learning these advanced disciplines in preparation for a career in filmmaking.
Prerequisite: COMM-229
Terms Typically Offered: Fall, even years.
COMM-464C Media Criticism 3 Credits
This course is designed to provide students with a basic understanding of the nature and function of media criticism; survey of approaches, theories, and the systems of rhetorical analysis from classical to contemporary models. Practice in critical appraisal of various types of media communication.
Prerequisite: COMM-305 and permission of intructor
Terms Typically Offered: Fall and Spring.
COMM-470 Special Topic: 1-4 Credits
Study of a special topic in the areas of Communication Studies and TV and Film. May be repeated for credit. May include a lab requirement and lab fee.

## COMM-478 Film Studies Series 1-3 Credits

A forum and lecture series focusing on topics in film studies, such as the work of important directors, producers, and screenwriters, genre studies, critical ideas in film theory, and world cinema. May be repeated for a maximum of six units.
COMM-480 Independent Studies: 1-3 Credits
May be repeated for credit.
COMM-495A Senior Project: Film 3 Credits
The student writes, directs, or serves in a production role (cinematographer, editor, production sound, sound designer), on a faculty approved film, video, documentary animation, or commercial project bringing it to final form for festival distribution. Lab fee.

## COMM-495D Senior Project: Script/Publctn 3 Credits

Senior standing and approval of professor. The student creates a threeact polished screenplay or publication for distribution. Lab fee.
Prerequisite: COMM-306 or COMM-426
COMM-496 Senior Project: Development/Planning 2 Credits This course is designed to integrate the student's faith with their profession, culminating in a project that combines critical and practical skill sets representative of the student's particular course of study and interests. This fall semester course helps students thoughtfully develop their creative ideas into a tangible form, such as a short film, featurelength screenplay, multimedia work, or research project. Preproduction, research, and/or resourcing stages will be completed. COMM-497 Senior Project: Implementation is also required.
Terms Typically Offered: Fall.

COMM-497 Senior Project: Implementation 1 Credit
This course is designed to integrate the student's faith with their profession, culminating in a project that combines critical and practical skill sets representative of the student's particular course of study and interests. Students will complete the project devised in COMM-496 Senior Project: Development and Planning.
Prerequisite: COMM-496
Terms Typically Offered: Spring.

## Communication B.A. with a Concentration in Communication Studies

## Requirements

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements (p. 62) |  |
| Major Core Requirements | 53 |
| Communication Studies Concentration (p. 160) | 22 |
| Electives | 24 |
| Total Units | 21 |

## Communication Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Lower Division |  |  |
| COMM-130 | Introduction to Communication | 3 |
| COMM-220 | Elements of Storytelling | 3 |
| COMM-258 | Christianity and Artistic Culture | 3 |
| COMM-273 | Visual Technology | 3 |
| COMM-290 | Intro to Interpersonal Communication | 3 |
| Upper Division |  | 1 |
| COMM-413 | Preparing for Post Graduation | 3 |
| COMM-450 | Internship | 3 |
| COMM-464C | Media Criticism |  |
| Total Units |  | $\mathbf{2 2}$ |

1
Number of units required from the Core Curriculum not included in the major requirements below.
2
Capstone for Communication Studies and Public Relations Concentrations.

## Communication Studies Concentration Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| COMM-305 | Communication Theory | 3 |
| COMM-333 | Small Group Leadership | 3 |
| COMM-345 | Communication Across Cultures | 3 |
| or COMM-376 | Communication, Race and Ethnicity |  |
| COMM-402 | Family Communication | 3 |


| COMM-445 | Persuasion | 3 |
| :--- | :--- | :--- |
| or COMM-444 | Argumentation \& Debate |  |
| Electives |  | 9 |
| Select a minimum of nine units of the following: |  |  |
| COMM-314 | Mythology in Film |  |
| COMM-318 | Nonverbal Communication |  |
| COMM-362 | Contemporary Issues in Public Discourse |  |
| COMM-364 | Organizational Communication |  |
| COMM-374 | Communication, Gender and Culture |  |
| COMM-470 | Special Topic: |  |

Total Units

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Communication.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| THEO-PLHD | Theology Core Requirement | 3 |
| COMM-220 | Elements of Storytelling | 3 |
| COMM-130 | Introduction to Communication | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | $\mathbf{1 6}$ |

## 2019Year 1 Term 2

| NT-101C | New Testament Survey | 3 |
| :--- | :--- | ---: |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| HSPS-PLCR | History/Political Sci Core Requirement | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 2 Term 1 |  | 3 |
| :--- | :--- | :--- |
| COMM-290 | Intro to Interpersonal Communication | 3 |


| OT-201C | Old Testament Survey | 3 |
| :--- | :--- | ---: |
| ENGL-220C | Researched Writing | 3 |
| MATH-PLCR | Math Core Requirement | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 2 Term 2 |  | 3 |
| :--- | :--- | ---: |
| COMM-273 | Visual Technology | 3 |
| COMM-258 | Christianity and Artistic Culture | 3 |
| COMM-297 | Comm. Research Methods | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| COMM-PLUD3A | Upper Division General Elective 3 Units | $\mathbf{1 5}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | ---: |
| ENGL-230C | Literature and the Human Experience | 3 |
| COMM-305 | Communication Theory | 3 |
| COMM-333 | Small Group Leadership | 3 |
| COMM-364 | Organizational Communication | 3 |
| COMM-413 | Preparing for Post Graduation | $\mathbf{1}$ |
| COMM-450 | Internship | $\mathbf{1 - 6}$ |
|  | Units | $\mathbf{1 4 - 1 9}$ |

## Year 3 Term 2

| THEO-300C | Developing a Christian World View | 3 |
| :--- | :--- | ---: |
| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
| COMM-445 | Persuasion | 3 |
| COMM-PLHD3A | General Elective 3 Units | $\mathbf{3}$ |
| COMM-PLUDC3 | Communication Upper Division Elective 3U | $\mathbf{3}$ |
|  | Units | $\mathbf{1 6}$ |

## Year 4 Term 1

CHIS-400C Christian Heritage ..... 3
COMM-PLCOII3 Comm Culture/Ethnicity ..... 3
ELCT-PLHD9 Elective 9 Units ..... 9
Year 4 Term 2
COMM-464C Media Criticism ..... 3
COMM-PLUDC3 Communication Upper Division Elective 3U ..... 3
COMM-PLUD3A Upper Division General Elective 3 Units ..... 3
ELCT-PLHD3A General Elective 3 Units ..... 3
Total Units ..... 118-123
Communication B.A. with a Concentration in Film and Visual Storytelling Requirements
Code Title Units
Core Curriculum Requirements (p.62) ${ }^{1}$ ..... 53
Major Core Requirements ..... 22

| Film \& Visual Storytelling Concentration (p. 162) | 25 |
| :--- | ---: |
| Electives | 20 |

Total Units 120

## Communication Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Lower Division |  |  |
| COMM-130 | Introduction to Communication | 3 |
| COMM-220 | Elements of Storytelling | 3 |
| COMM-258 | Christianity and Artistic Culture | 3 |
| COMM-273 | Visual Technology | 3 |
| COMM-290 | Intro to Interpersonal Communication |  |
| Upper Division |  | 1 |
| COMM-413 | Preparing for Post Graduation | 3 |
| COMM-450 | Internship | 2 |
| COMM-496 | Senior Project: Development/Planning ${ }^{1}$ | 1 |
| COMM-497 | Senior Project: Implementation ${ }^{2}$ |  |
| Total Units |  | $\mathbf{2 2}$ |

## 1

Number of units required from the Core Curriculum not included in the major requirements below.

## 2

Capstone for Film \& Visual Storytelling and Technology \& Emerging Media Concentrations.

## Film and Visual Storytelling Concentration Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| COMM-125 | Introduction to Filmmaking | 1 |
| COMM-229 | Intermediate Filmmaking Production | 3 |
| COMM-306 | Writing for Film and New Media | 3 |
| COMM-388 | Visual Storytelling: Narrative | 3 |
| COMM-389 | Visual Storytelling: Documentary | 3 |
| COMM-460 | Advanced Filmmaking | 3 |
| Electives |  |  |
| Select a minimum of nine units of the following: | 9 |  |
| COMM-309 | Graphic Design |  |
| COMM-314 | Mythology in Film |  |
| COMM-458 | Alternative Storytelling Techniques |  |
| COMM-375 | Television Studio Production |  |
| COMM-381 | Photojournalism |  |
| COMM-382 | Cinema Technology Series |  |
| COMM-385 | New Media Production | $\mathbf{2 5}$ |
| COMM-386 | Music Video Production |  |
| COMM-387 | Postproduction |  |
| COMM-478 | Film Studies Series |  |
| Total Units |  |  |

A portfolio is required of all graduating Film \& Visual Storytelling seniors. Students are required to submit a portfolio of work, which can be the best of their class projects, contain work made outside of the class, at internships, jobs or apprenticeships.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Communication.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| COMM-125 | Introduction to Filmmaking | 1 |
| COMM-229 | Intermediate Filmmaking Production | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| COMM-220 | Elements of Storytelling | 3 |
| THEO-PLHD | Theology Core Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | $\mathbf{1 7}$ |
| Year 1 Term 2 |  | 3 |
| NT-101C | New Testament Survey | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| COMM-130 | Introduction to Communication | 3 |
| HSPS-PLHD | History Political Science Placeholder | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | $\mathbf{1 5}$ |

## Year 2 Term 1

COMM-290 Intro to Interpersonal Communication 3
COMM-273 Visual Technology 3
OT-201C Old Testament Survey 3
MATH-PLCR Math Core Requirement 3
FINA-PLCR Fine Arts Core Curriculum Requirement 3

Year 2 Term 2
COMM-258 Christianity and Artistic Culture

| ENGL-220C | Researched Writing | 3 |
| :--- | :--- | ---: |
| COMM-201C | Speech Composition and Presentation | 3 |
| COMM-306 | Writing for Film and New Media | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | ---: |
| COMM-388 | Visual Storytelling: Narrative | 3 |
| COMM-460 | Advanced Filmmaking | 3 |
| COMM-450 | Internship | $1-6$ |
| ENGL-230C | Literature and the Human Experience | 3 |
| COMM-PLUDC3 | Communication Upper Division Elective 3U | 3 |
|  | Units | $\mathbf{1 3 - 1 8}$ |


| Year 3 Term 2 |  |  |
| :--- | :--- | ---: |
| THEO-300C | Developing a Christian World View | 3 |
| COMM-413 | Preparing for Post Graduation | 1 |
| COMM-389 | Visual Storytelling: Documentary | 3 |
| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
| COMM-PLUDC3 | Communication Upper Division Elective 3U | 3 |
| ELCT-PLUD2 | Upper Division General Elective 2 Units | 2 |
|  | Units | $\mathbf{1 6}$ |
| Year 4 Term 1 |  |  |
| CHIS-400C | Christian Heritage | 3 |
| COMM-496 | Senior Project: Development/Planning | 2 |
| COMM-PLUDC3 | Communication Upper Division Elective 3U | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
| ELCT-PLUD3 | Upper Division General Elective 3 Units | 3 |
|  | Units | $\mathbf{1 4}$ |


| Year 4 Term 2 |  |  |
| :--- | :--- | ---: |
| COMM-497 | Senior Project: Implementation | 1 |
| COMM-PLUD3A | Upper Division General Elective 3 Units | 3 |
| COMM-PLHD9 | General Elective 9 Units | 9 |
|  | Units | $\mathbf{1 3}$ |
|  | Total Units | $\mathbf{1 1 8 - 1 2 3}$ |

## Communication B.A. with a Concentration in Health Communication

## Requirements

| Code $\quad$ Title | Units |
| :--- | ---: |
| Core Curriculum Requirements $(\text { p. 62 })^{1}$ | 46 |
| Major Core Requirements | 22 |
| Health Communication Concentration Requirements | $22-23$ |
| Electives | 30 |
| Total Units | $\mathbf{1 2 0 - 1 2 1}$ |


| Communication Major Core Requirements |  |  |
| :--- | :--- | ---: |
| Code | Title | Units |
| Lower Division: |  |  |
| COMM-130 | Introduction to Communication | 3 |
| COMM-220 | Elements of Storytelling | 3 |
| COMM-258 | Christianity and Artistic Culture | 3 |
| COMM-273 | Visual Technology | 3 |
| COMM-290 | Intro to Interpersonal Communication | 3 |
| Upper Division: |  | 1 |
| COMM-413 | Preparing for Post Graduation | 3 |
| COMM-450 | Internship | 3 |
| COMM-464C | Media Criticism | $\mathbf{2 2}$ |

## Health Communication Concentration Requirements

| Code | Title | Units |
| :---: | :---: | :---: |
| COMM-297 | Comm. Research Methods | 3 |
| COMM-305 | Communication Theory | 3 |
| COMM-394 | Health Communication | 3 |
| COMM-446 | Health Lit. \& Communication | 3 |
| KINE-235 | Medical Terminology | 2 |
| Choose one of the following courses: |  | 3 |
| COMM-364 | Organizational Communication |  |
| COMM-443 | Crisis Communication |  |
| COMM-445 | Persuasion |  |
| Choose one of the following courses: |  | 2-3 |
| COMM-385 | New Media Production |  |
| COMM-378 | PR: Corp Comm, Information, and Mgmt |  |
| COMM-404 | Social Media |  |
| Choose one of the following: |  | 3 |
| COMM-345 | Communication Across Cultures |  |
| COMM-376 | Communication, Race and Ethnicity |  |
| SOC-375 | Social Issues of Health \& Wellness |  |

Total Units
22-23
1
Number of units required from the Core Curriculum not included in the major requirements below.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related
to courses listed in a particular year and term. Questions, contact the Department of Communication.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| COMM-220 | Elements of Storytelling | 3 |
| COMM-130 | Introduction to Communication | 3 |
| THEO-PLHD | Theology Core Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | $\mathbf{3}$ |
|  | Units | $\mathbf{1 6}$ |

## Year 1 Term 2

| NT-101C | New Testament Survey | 3 |
| :--- | :--- | ---: |
| ENGL-120C | Persuasive Writing | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| HIST-PLHD | History Core Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | $\mathbf{3}$ |
|  | Units | $\mathbf{1 5}$ |


| Year 2 Term 1 |  |  |
| :--- | :--- | ---: |
| COMM-290 | Intro to Interpersonal Communication | 3 |
| ENGL-220C | Researched Writing | 3 |
| OT-201C | Old Testament Survey | 3 |
| KINE-235 | Medical Terminology | 2 |
| MATH-PLCR | Math Core Requirement | 3 |
|  | Units | $\mathbf{1 4}$ |


| Year 2 Term 2 |  |  |
| :--- | :--- | ---: |
| COMM-273 | Visual Technology | 3 |
| COMM-258 | Christianity and Artistic Culture | 3 |
| COMM-297 | Comm. Research Methods | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | $\mathbf{3}$ |
|  | Units | $\mathbf{1 5}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | ---: |
| ENGL-230C | Literature and the Human Experience | 3 |
| COMM-413 | Preparing for Post Graduation | 1 |
| COMM-450 | Internship | $1-6$ |
| COMM-305 | Communication Theory | 3 |
| COMM-PLUDC3 | Communication Upper Division Elective 3U | 3 |
| COMM-HEACA | Heath Comm Concentration A | 3 |
|  | Units | $\mathbf{1 4 - 1 9}$ |

Year 3 Term 2

| THEO-300C | Developing a Christian World View | 3 |
| :--- | :--- | ---: |
| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
| COMM-PLUDC3 | Communication Upper Division Elective 3U | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
| COMM-HEACB | Heath Comm Concentration b | 3 |
|  | Units | $\mathbf{1 6}$ |

Year 4 Term 1

| CHIS-400C | Christian Heritage | 3 |
| :--- | :--- | ---: |
| COMM-394 | Health Communication | 3 |
| ELCT-PLHD6 | Electives 6 Units | 6 |
| COMM-HEACC | Heath Comm Concentration C | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 4 Term 2 |  |  |
| :--- | :--- | ---: |
| COMM-464C | Media Criticism | 3 |
| COMM-446 | Health Lit. \& Communication | 3 |
| COMM-PLUDC3 | Communication Upper Division Elective 3U | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | $\mathbf{1 2}$ |
|  | Total Units | $\mathbf{1 1 7 - 1 2 2}$ |

## Communication B.A. with a Concentration in Public Relations Requirements

| Code $\quad$ Title | Units |  |
| :--- | ---: | ---: |
| Core Curriculum Requirements (p. 62) | 1 | 53 |
| Major Core Requirements | 22 |  |
| Public Relations Concentration Requirements (p. 165) | 24 |  |
| Electives | $\mathbf{2 1}$ |  |
| Total Units | $\mathbf{1 2 0}$ |  |

## Communication Major Core Requirements

| Code | Title | Units |
| :---: | :---: | :---: |
| Lower Division |  |  |
| COMM-130 | Introduction to Communication | 3 |
| COMM-220 | Elements of Storytelling | 3 |
| COMM-258 | Christianity and Artistic Culture | 3 |
| COMM-273 | Visual Technology | 3 |
| COMM-290 | Intro to Interpersonal Communication | 3 |
| Upper Division |  |  |
| COMM-413 | Preparing for Post Graduation | 1 |
| COMM-450 | Internship | 3 |
| COMM-464C | Media Criticism ${ }^{2}$ | 3 |
| Total Units |  | 22 |
| 1 |  |  |
| Number of uni major requirem | quired from the Core Curriculum not in below. |  |

2
Capstone for Communication Studies and Public Relations Concentrations.

## Public Relations Concentration Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| COMM-333 | Small Group Leadership | 3 |
| COMM-364 | Organizational Communication | 3 |
| COMM-378 | PR: Corp Comm, Information, and Mgmt | 3 |
| COMM-380 | PR: Corp Comm, Projects, and Campaigns | 3 |
| COMM-445 | Persuasion | 3 |
| or COMM-443 | Crisis Communication |  |
| Electives |  |  |
| Select a minimum of nine units of the following: |  |  |
| COMM-305 | Communication Theory |  |
| COMM-309 | Graphic Design |  |
| COMM-317 | Creative Process-Theory and Practice |  |
| COMM-318 | Nonverbal Communication |  |
| COMM-404 | Social Media |  |
| COMM-412 | Computer Mediated Communication |  |
| COMM-417 | Professional Communication |  |
| COMM-470 | Special Topic: |  |
| ENGL-460 | Digital Writing and Design |  |
| MRKT-360 | Principles of Marketing |  |

Total Units

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Communication.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |


| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| :--- | :--- | ---: |
| COMM-220 | Elements of Storytelling | 3 |
| COMM-130 | Introduction to Communication | 3 |
| THEO-PLHD | Theology Core Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | $\mathbf{3}$ |
|  | Units | $\mathbf{1 6}$ |


| Year 1 Term 2 |  | 3 |
| :--- | :--- | ---: |
| NT-101C | New Testament Survey | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| HSPS-PLCR | History/Political Sci Core Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | $\mathbf{1 5}$ |


| Year 2 Term 1 |  |  |
| :--- | :--- | ---: |
| COMM-290 | Intro to Interpersonal Communication | 3 |
| COMM-273 | Visual Technology | 3 |
| OT-201C | Old Testament Survey | 3 |
| COMM-258 | Christianity and Artistic Culture | 3 |
| MATH-PLCR | Math Core Requirement | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 2 Term 2 |  |  |
| :--- | :--- | ---: |
| COMM-201C | Speech Composition and Presentation | 3 |
| ENGL-220C | Researched Writing | 3 |
| HSPS-PLHD | History Political Science Placeholder | 3 |
| COMM-PLUD3A | Upper Division General Elective 3 Units | 3 |
| COMM-PLUD3B | Upper Division General Elective 3 Units | $\mathbf{3}$ |
|  | Units | $\mathbf{1 5}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | ---: |
| ENGL-230C | Literature and the Human Experience | 3 |
| COMM-413 | Preparing for Post Graduation | 1 |
| COMM-450 | Internship | $\mathbf{1 - 6}$ |
| COMM-333 | Small Group Leadership | 3 |
| COMM-364 | Organizational Communication | 3 |
| COMM-378 | PR: Corp Comm, Information, and Mgmt | $\mathbf{3}$ |
|  | Units | $\mathbf{1 4 - 1 9}$ |

## Year 3 Term 2

THEO-300C Developing a Christian World View 3
NSCI-PLCR Science Lec/Lab Requirement 4
COMM-380 PR: Corp Comm, Projects, and Campaigns 3
COMM-PLPLCR3 Communication/Persuasion Requirement 3
COMM-PLUDC3 Communication Upper Division Elective 3U 3

## Year 4 Term 1

| CHIS-400C | Christian Heritage | 3 |
| :--- | :--- | ---: |
| ELCT-PLUD3 | Upper Division General Elective 3 Units | 3 |
| ELCT-PLHD9 | Elective 9 Units | 9 |
|  | Units | $\mathbf{1 5}$ |

## Year 4 Term 2

COMM-464C Media Criticism

| COMM-PLHD3A | General Elective 3 Units | 3 |
| :--- | :--- | ---: |
| COMM-PLHD3B | General Elective 3 Units | 3 |
| COMM-PLHD3C | General Elective 3 Units | 3 |
|  | Units | $\mathbf{1 2}$ |
|  | Total Units | $\mathbf{1 1 8 - 1 2 3}$ |

Communication B.A. with a Concentration in Technology and Emerging Media

## Requirements

| Code $\quad$ Title | Units |  |
| :--- | ---: | ---: |
| Core Curriculum Requirements (p. 62) | 1 | 53 |
| Major Core Requirements | 22 |  |
| Technology \& Emerging Media Concentration (p. 166) | 24 |  |
| Electives | $\mathbf{2 1}$ |  |
| Total Units | $\mathbf{1 2 0}$ |  |

## Communication Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Lower Division |  | 3 |
| COMM-130 | Introduction to Communication | 3 |
| COMM-220 | Elements of Storytelling | 3 |
| COMM-258 | Christianity and Artistic Culture | 3 |
| COMM-273 | Visual Technology | 3 |
| COMM-290 | Intro to Interpersonal Communication |  |
| Upper Division |  | 1 |
| COMM-413 | Preparing for Post Graduation | 3 |
| COMM-450 | Internship | 2 |
| COMM-496 | Senior Project: Development/Planning | 1 |
| COMM-497 | Senior Project: Implementation ${ }^{2}$ | $\mathbf{2 2}$ |

## 1

Number of units required from the Core Curriculum not included in the major requirements below.

## 2

Capstone for Film \& Visual Storytelling and Technology \& Emerging Media Concentrations. 496 and 497 must be taken in sequence. Technology \& Emerging Media students can also opt to take COMM 464C: Media Criticism as their capstone requirement.

## Technology and Emerging Media Concentration Requirements

| Code Title | Units |
| :--- | ---: |
| Theories \& Methods |  |
| Select nine units of the following: | 9 | Theories \& Methods

Select nine units of the following:

| COMM-333 | Small Group Leadership |
| :--- | :--- |
| COMM-345 | Communication Across Cultures |
| COMM-364 | Organizational Communication |
| COMM-374 | Communication, Gender and Culture |
| Communication Tools |  |
| Select a minimum of nine units from the following: |  |
| BUSN-125 | Computer Applications |
| COMM-222 | Photography |
| COMM-229 | Intermediate Filmmaking Production |
| COMM-309 | Graphic Design |
| COMM-389 | Visual Storytelling: Documentary |
| COMM-375 | Television Studio Production |
| COMM-381 | Photojournalism |
| COMM-382 | Cinema Technology Series |
| COMM-385 | New Media Production |
| Communication Channels |  |
| Select a minimum of six units from the following: |  |
| COMM-404 | Social Media |
| COMM-411 | Mobile and Web Development |
| COMM-412 | Computer Mediated Communication |
| COMM-417 | Professional Communication |
| COMM-418 | Knowledge Management and Data Interpretation |
| BUSN-P470 | Special Topic in Business (Event Planning) |

Total Units

Course is offered through the Professional Studies program and open to junior and senior students. Students complete a cross-registration form available from the Registrar's online forms repository. Students receive approvals from their academic advisor and the Chair of the PS Business degree program.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Communication.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| COMM-220 | Elements of Storytelling | 3 |
| HIST-PLHD | History Core Requirement | 3 |
| THEO-PLHD | Theology Core Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | $\mathbf{1 6}$ |


| Year 1 Term 2 |  |  |
| :--- | :--- | ---: |
| NT-101C | New Testament Survey | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| COMM-130 | Introduction to Communication | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 2 Term 1 |  |  |
| :--- | :--- | ---: |
| COMM-290 | Intro to Interpersonal Communication | 3 |
| COMM-273 | Visual Technology | 3 |
| OT-201C | Old Testament Survey | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| MATH-PLCR | Math Core Requirement | $\mathbf{3}$ |
|  | Units | $\mathbf{1 5}$ |


| Year 2 Term 2 |  |  |
| :--- | :--- | ---: |
| COMM-258 | Christianity and Artistic Culture | 3 |
| ENGL-220C | Researched Writing | 3 |
| COMM-PLTHME | Comm Theories and Methods | 3 |
| COMM-PLTOOL | Comm Tools Course | $1-4$ |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
|  | Units | $\mathbf{1 3 - 1 6}$ |


| Year 3 Term 1 |  | 4 |
| :--- | :--- | ---: |
| NSCI-PHCR | Science Lecture/Lab | $1-6$ |
| COMM-450 | Internship | 3 |
| COMM-PLTHME | Comm Theories and Methods | $2-3$ |
| COMM-PLCHAN | Comm Channels Course | 3 |
| COMM-PLUD3A | Upper Division General Elective 3 Units | $\mathbf{1 3 - 1 9}$ |


| Year 3 Term 2 |  |  |
| :--- | :--- | ---: |
| ENGL-230C | Literature and the Human Experience | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| COMM-413 | Preparing for Post Graduation | 1 |
| COMM-PLTHME | Comm Theories and Methods | 3 |
| COMM-PLTOOL | Comm Tools Course | $\mathbf{1 - 4}$ |
| COMM-PLUD3A | Upper Division General Elective 3 Units | 3 |
|  | Units | $\mathbf{1 4 - 1 7}$ |

## Year 4 Term 1

| CHIS-400C | Christian Heritage | 3 |
| :--- | :--- | :--- |
| COMM-496 | Senior Project: Development/Planning | 2 |


| COMM-PLCHAN | Comm Channels Course | 2-3 |
| :---: | :---: | :---: |
| COMM-PLUD3A | Upper Division General Elective 3 Units | 3 |
| ELCT-PLHD6 | Electives 6 Units | 6 |
|  | Units | 16-17 |
| Year 4 Term 2 |  |  |
| COMM-497 | Senior Project: Implementation | 1 |
| COMM-PLCHAN | Comm Channels Course | 2-3 |
| COMM-PLTOOL | Comm Tools Course | 1-4 |
| COMM-PLHD3B | General Elective 3 Units | 3 |
| COMM-PLUD3A | Upper Division General Elective 3 Units | 3 |
|  | Units | 10-14 |
|  | Total Units | 2-129 |
| Communication Minor |  |  |
| Requirements |  |  |
| In order for students to receive a general Communication Minor with no emphasis, students must complete 21 credits in Communication course work at Vanguard University that is: |  |  |
| 1. Offered by the Communication Department (subject COMM) and taught by a faculty member within the Communication Department. |  |  |
| 2. At least 10 of the 21 required credits must be upper division courses (300/400 level). |  |  |
| 3. COMM-201C Speech Composition and Presentation does not count towards the minor. |  |  |
| 4. No more than four credits in Internship and Newspaper allowed towards minor. |  |  |
| 5. Students must achieve a minimum GPA of 2.5 in all Communication courses. |  |  |
| Pubirc Redations Minor |  |  |
| Requirements |  |  |

To receive a minor in Public Relations, students must complete 21 credits in Communication course work at Vanguard University.

| Code | Title | Units |
| :---: | :---: | :---: |
| Public Relations Core |  |  |
| COMM-378 | PR: Corp Comm, Information, and Mgmt | 3 |
| COMM-380 | PR: Corp Comm, Projects, and Campaigns | 3 |
| Communications Methods |  |  |
| Select nine units from the following: |  | 9 |
| COMM-333 | Small Group Leadership |  |
| COMM-364 | Organizational Communication |  |
| COMM-443 | Crisis Communication |  |
| COMM-445 | Persuasion |  |
| Application |  |  |
| Select six units | om the following: | 6 |
| COMM-222 | Photography |  |
| COMM-317 | Creative Process-Theory and Practice |  |


| COMM-309 | Graphic Design |  |
| :--- | :--- | :--- |
| COMM-381 | Photojournalism |  |
| COMM-404 | Social Media |  |
| COMM-412 | Computer Mediated Communication |  |
| ENGL-460 | Digital Writing and Design | $\mathbf{2 1}$ |
| Total Units |  |  |

## School for Professional Studies

Renea Brathwaite, Ph.D., Dean
The School for Professional studies offers certificates and undergraduate programs to non-traditional undergraduate students in classroombased (residential), distance learning (online), and blended formats year round. The School for Professional is committed to providing students with a broad education in the liberal arts and expertise in an academic major in business, early childhood education, nursing, psychology, and theology. This education supports Vanguard University's mission to pursue knowledge, cultivate character, deepen faith, and equip each student for a Spirit-empowered life of Christ-centered leadership and service.

Academic majors housed in The School for Professional Studies are listed below within their respective divisions. Academic majors typically have several options for minors, concentrations, and emphases. A petition for an academic minor, concentration, or emphasis must be filed with the Registrar's Office.

## Division of Arts, Education and Humanities

The Early Childhood program is offered in a distance learning (online) format only.

- Early Childhood B.A. (p. 124)
- Early Childhood B.A. with a Concentration in Special Education (p. 126)
- Early Childhood B.A. with a Concentration in STEM/STEAM (p. 127)
- Early Childhood Certificate (p. 127)
- Transitional Kindergarten Certificate (p. 128)


## Division of Business and Communication

The Business Administration and Management programs are both offered in residential (on-campus) and distance learning (online) formats.

- Business Administration B.A. (p. 171)
- Management B.A. (p. 174)


## Division of Natural, Physical and Health Sciences

- Nursing B.S.N. (RN to BSN) (p. 240)


## Division of Social and Behavioral Sciences

The Psychology program is offered in both residential (on-campus) and distance learning (online) formats.

- Psychology B.A. (p. 281)


## Division of Theology

The Theology programs are offered in both residential (on-campus) and distance learning (online) formats. The Anti-Human Trafficking Certificate is offered in a distance learning (online) format only.

- Anti-Human Trafficking Certificate (p. 314)
- Theology B.A. with a Concentration in Ministry and Leadership (p. 326)


## Department of Business and Management (Professional Studies)

Mission: The Business program seeks to develop leaders who can think critically, communicate effectively, respond ethically, and lead confidently in a global marketplace. The program helps students increase their effectiveness as business professionals and provides excellent preparation for career advancement and the pursuit of a graduate degree.

Admission Requirements for Professional Studies Program in Business:

- See Professional Studies Admission Requirements for details.
- Full-time work experience preferred
- Completion of Application Process including forms, fees, and a professional resume.


## Program Learning Outcomes Program Learning Outcomes

PLO 1 - Communication: Students will be able to organize thoughts and compose ideas to demonstrate articulate written, oral, listening, visual, and media skills for effective presentation to varying audiences

PLO 2 - Management, Teamwork: Students will be able to work with others in diverse and cross-functional environments, articulate a personal management philosophy and evaluate strategies used to motivate, manage, and lead teams to achieve stated objectives

PLO 3 - Thinking (critical, strategic, creative) and Problem Solving: Students will demonstrate excellence in critical thinking, problem-solving, analysis, and strategic planning so as to be able to link data, knowledge and insight to make sound strategic decisions on a timely basis

PLO 4 - Ethical Reasoning and Spiritual Formation: Students will be able to engage in ethical reflection, evaluate ethical implications of leadership decisions and strategies, and apply ethical principles and moral values in decision-making

PLO 5 - Decision Making: Students will conduct research and apply analytical decision-making skills to identify structure and solve business problems

PLO 6 - Business Tools and Technology: Students will exhibit technical expertise and demonstrate the use of information technology as a tactical and strategic resource for business professionals

## Programs

## Majors:

- Business Administration B.A. (p. 171)
- Management B.A. (p. 174)


## Minors:

- Business Minor (p. 174)


## Optional Concentrations:

- Business Concentration Options (All Majors) (p. 173)


## Courses

## Accounting

## ACCT-P275 Financial Accounting 3 Credits

Involves the analysis, recording, and summarizing of accounting transactions on the accrual basis. Includes emphasis on accounting as an information system meeting the demands of users for decisionmaking. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## ACCT-P282 Managerial Accounting 3 Credits

An overview of the financial tools available to the manager in decision making. Includes a study of income statements, balance sheets, cash flow projections, budgets, changes in financial position, and ratio analysis. Emphasis is on reading and understanding accounting documents rather than on their preparation. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## ACCT-P470 Special Topic: 1-3 Credits

Study of a special topic in one of the fields of accounting. May be repeated for credit provided topics are dissimilar.

## Business

BUSN-P205 Computer Applications 3 Credits
This course introduces students to math concepts and computer applications that will be used throughout their business coursework. Computer applications will be learned through completion of projects using word processing, spreadsheets, database, and presentation software application. (School for Professional Studies Course).
Terms Typically Offered: Fall, Spring, and Summer.

## BUSN-P272 Managerial Economics 3 Credits

An examination of the principles of economics needed to be understood and utilized by managers and supervisors in all fields. The internalization of the U.S. economy and possible actions affecting economy in all organizations will be included. (School for Professional Studies Course). Terms Typically Offered: Fall, Spring, and Summer.

## BUSN-P277 Business Writing 3 Credits

This course is designed to teach the student how to write and present strategically organized, grammatically correct, persuasive business communications. Attention is given to academic and professional writing styles and standards, communication theory for various forms of business writing, and means of efficient research. (Formerly BUOM 376 Business Writing for Professionals.) This course must be passed with a " C " or better to fulfill writing requirements for graduation. A student receiving a "C-" or lower must retake the course to earn the required grade for graduation. (Course previously listed under BUOM)

## BUSN-P316 Business Law 3 Credits

This course explores the legal environment in which businesses operate. The focus is on the organization and operation of the American legal system, legal rules and ethical constraints that impact business, and the practical application of these rules and constraints to real-world situations. Topics include contracts, torts, agency, ethical and criminal implications of business actions, property laws, and the legal aspects of different business entities. (School for Professional Studies Course). Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Summer.

## BUSN-P361 Organizational Communication 3 Credits

An examination of the formal and informal functions of organizations, including an analysis of an agency or organization based upon a system's model. Students will analyze and solve organizational problems using a step-by-step method. Effectiveness in personal and social relationships is also examined. Constructive feedback, dealing with anger and resolving conflict help each student develop a model for effective relationships.
(School for Professional Studies Course).
Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Spring.

## BUSN-P378 Research Methods 3 Credits

A course in conducting and applying research for managerial decisionmaking. Problem formulation, data collection, statistical analysis and interpretation of results are covered. (School for Professional Studies). Prerequisite: General Education MATH Requirement
Terms Typically Offered: Fall and Spring.

## BUSN-P416 Intercultural Dynamics in Business 3 Credits

This course introduces students to the elements of culture, the impacts of culture and cultural differences (on communication, values and norms, work habits, practices, beliefs and attitudes, and sense of self) and the importance of understanding and embracing cultural differences in a global business environment. (School for Professional Studies Course). Terms Typically Offered: Fall and Spring.

## BUSN-P440 Entrepreneurship: Formation/New Ventures Ventures 3

 CreditsThe theory and practice of new venture development. Studies business opportunities from the point of view of the entrepreneur/manager rather than passive investor. Topics include strategic management, venture capital, and writing business plans. (Course formerly under BUOM)

## BUSN-P456 Business Strategy 3 Credits

Designed to allow the student the opportunity of integrating the knowledge obtained from accounting, economics, marketing, and organizational management into coherent analytical skills on case studies approximating real world business situations. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## BUSN-P470 Special Topic in Business 1-3 Credits

Study of a special topic in business. May be repeated for credit provided topics are dissimilar.

## BUSN-P478 Organizational Ethics 3 Credits

A study of ethical situations in organizations, accountability in government, respect for human rights, and responsibility for ethical and contemporary life choices. Ethical theories and personal values are examined through readings and analysis of situations in organizations.
(School for Professional Studies Course).
Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Spring.

## BUSN-P481 Business Through Eyes of Faith 3 Credits

A study of the nature of business from the perspective of the Christian faith. (School for Professional Studies Course).
Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Spring.

## Management

MNGT-P225 Career Transitions: Landing Your Ideal 0-3 Credits This course provides a comprehensive and strategic approach to the career search process. It follows a proven path of progressive steps to identify, plan, and achieve objectives in the chosen field. Included are approaches to connecting directly with hiring managers and demonstrating professional brand competence. The course provides students the tools needed to develop and promote individual competency that will set them apart from their competition. This course is offered Credit/Fail only. (School for Professional Studies Course).

## MNGT-P310 Design Thinking and Innovation 3 Credits

This course introduces students to the Design Thinking collaborative, mult-disciplinary and innovative human-centered approach to problem-solving. Examples from organizations that have successfully implemented the approach will be analyzed and the design thinking model will be applied as part of an experiential project. (School for Professional Studies Course).
Terms Typically Offered: Spring.

## MNGT-P311 Talent Acquisition and Total Rewards 3 Credits

This course examines the building blocks of a market-competitive compensation and benefits plan using industry best practices and addressing how employment laws, market forces, and labor unions impact compensation practices. Students learn how organizations create talent pipelines designed strategically to enhance business outcomes. Case studies are used to develop an effective recruiting, performance management, and succession plan process that evaluates employee contributions holisticaly. (Course previously listed under BUOM) Prerequisite: ENGL-200, MATH-109

MNGT-P312 Training/Development/Performance Mngt 3 Credits This course identifies the knowledge and skills needed for effective management of individual and team performance. Students gain hands on experience by designing a needs analysis plan and implementing and evaluating a training and development activity. (Course previously listed under BUOM)
Prerequisite: ENGL-220, MATH-109

## MNGT-P313 Team Dynamics and Leadership 3 Credits

Study of group behavior and team leadership and how group dynamics affects performance, learning and organizational effectiveness. Emphasis is placed on building highly effective teams, resolving conflict, managing personalities, cultures, political agendas and varying skill levels while securing resources and managing stakeholder expections. Students develop strategies for efficient and productive group management and participate in team-based activities.(Course previously listed under BUOM)
Prerequisite: ENGL-220, MATH-109

## MNGT-P372 Organizational Behavior 3 Credits

Study of group behavior and how group functioning affects organizational effectiveness. Emphasis is placed on decision making and resolving conflict in groups. Students develop strategies for efficient and productive group management and determine which tasks are handled by groups and individuals. (School for Professional Studies Course). Terms Typically Offered: Fall and Spring.

## MNGT-P411 Managing Organizational Change 3 Credits

This course examines the facets of organizational change and provides students with the theoretical framework and practical skills for developing, implmenting, and evaluating effective change. Focus is also given to analysis of an oranization's structure, strategy, and resources as well as the cultural, legal, and technological context within which the organization functions. (School for Professional Studies Course).
Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Summer.

## MNGT-P412 Leadership Theory and Practice 3 Credits

Students examine historical and contemporary leadership theories, assess their own personal leadership styles and apply leadership concepts and skills through experiential activities.(Course formerly under BUOM)
Prerequisite: Must complete ENGL-220 and MATH-109

## MNGT-P413 Managerial Leadership 3 Credits

This course introduces students to the similarities and differences between management and leadership and identifies the best practices of both. Students learn how to develop and apply effective skills designed to make positive differences in their organizations and communities. Students assess their own managerial and leadership styles as part of an experiential project. (School for Professional Studies Course).
Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Spring.
MNGT-P425 Career Transitions: Landing Your Ideal Job 0-3 Credits This course provides a comprehensive and strategic approach to the career search process. It follows a proven path of progressive steps to identify, plan, and achieve objectives in the chosen field. Included are approaches to connecting directly with hiring managers and demonstrating professional brand competence. The course provides students the tools needed to develop and promote individual competency that will set them apart from their competition. This course is offered Credit/Fail only.

## MNGT-P457 Management Information Systems 3 Credits

Introduction to the Fundamentals of computing technology and the knowledge required to sufficiently understand the management of information systems in business organizations. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## MNGT-P464 Principles of Management 3 Credits

An overview of management and how leadership forms an integral part of it along with planning, organizing, staffing, leading and controlling/ evaluating. An examination of the field of management from the perspective of a manager wishing to be more effective. (School for Professional Studies Course).
Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Spring.
MNGT-P470 Special Topic in Management 1-3 Credits
Study of a special topic in one of the fields of management. May be repeated for credit provided topics are dissimilar. (School for Professional Studies Course).
Terms Typically Offered: Fall and Summer.
MNGT-P476 Human Resource Managment 3 Credits
An exploration of the values and perceptions of selected groups affecting social and economic life through an analysis of policies and procedures relating to recruitment, selection, training, development, and compensation of employees. Special attention is given to Equal Opportunity Employment and the Office of Safety and Health Administration legislation through a series of case studies and simulations. (School for Professional Studies Course).
Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Summer.

## MNGT-P477 Managing the Nonprofit Org. 3 Credits

This course explores the special challenges of management of a nonprofit organization. Through cases, description, and theoretical analysis, students learn about the defining characteristics of the nonprofit sector, major differences between nonprofit and profit-making organizations, and government and business involvement with the nonprofit sector. Students acquire skills focused on governance, financing, and management of nonprofit organizations. (Course previuosly under BUOM)

## Marketing

MRKT-P314 Product Marketing and Brand Strategy 3 Credits Introduces students to new product/service planning techniques covering ideation and concept evaluation to product design, packaging messaging, segmentation, share projections, pricing, branding and global planning. Emphasis will be on buidling skills to think critically, creatively, and strategically about the process to design, build, communicate, leverage, and defend sustainable brands. The power of positioning and story-telling for both new and established brands will be examined. Prerequisite: Must complete ENGL-220 and MATH-109

## MRKT-P414 Digital Marketing and Analytics 3 Credits

This course focuses on digital marketing strategies and analytical tooks for assessment. The course covers theory and provides a practical approach to using marketing data sets, data mining and data visualization tools. Students are introduced to decision-making models and social media analytic tools and techniques used to evaluate alternative courses of action to improve digital marketing performance. Prerequisite: ENGL-220, MATH-109
MRKT-P470 Special Topic in Marketing 1-3 Credits
Study of a special topic in one of the fields of marketing. May be repeated for credit provided topics are dissimilar.

## MRKT-P471 Principles of Marketing 3 Credits

An introduction to basic marketing theory and terminology. Students will analyze real-world cases exploring domestic and international marketing opportunities and problems, develop skills and confidence to identify and evaluate critical marketing data, and develop successful programs to solve business problems and capitalize on market opportunities. (School for Professional Studies Course).
Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Spring.
MRKT-P485 Strategic Marketing Management 3 Credits
This course takes a case study approach to the development of marketing strategy and plans. Group discussions, presentations, and written case analyses are used with emphasis on both quantitative and qualitative assessment of management issues. Focus is on critical thinking and applicaiton of concepts and techniques to problem identificaiton, analysis, synthesis, and evaluation. It is recommended that students first complete college math and accounting. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## Business Administration B.A. Requirements

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| General Educational Core Requirements (p. 65) | $34-37$ |
| Business Administration Prerequisite Requirements (p. | 12 |
| Business Core Requirements (p. 171) | 21 |
| Major Core Requirements (p. 172) | $\mathbf{1 5}$ |
| Electives or Concentration | $38-35$ |
| Total Units | $\mathbf{1 2 0}$ |

## Lower Division Business Administration Requirements

Prior to completing the Business Administration Core Requirements, students should complete the following requirements:

| Code | Title | Units |
| :--- | :--- | ---: |
| Lower Division |  |  |
| ACCT-P275 | Financial Accounting | 3 |
| ACCT-P282 | Managerial Accounting | 3 |
| BUSN-P272 | Managerial Economics | 3 |
| PSYD-265 | Intro to Statistical Methods | 3 |
| Total Units |  | $\mathbf{1 2}$ |

## Business Core Courses

| Code | Title | Units |
| :--- | :--- | ---: |
| Upper Division |  | 3 |
| MNGT-P310 | Design Thinking and Innovation | 3 |
| BUSN-P361 <br> or PSYD-352 | Organizational Communication <br> Industrial/Organizational Psyc | 3 |
| MNGT-P372 | Organizational Behavior | 3 |


| FINC-P415 | Data Analytics for Business Decisions | 3 |
| :--- | :--- | ---: |
| BUSN-P416 | Intercultural Dynamics in Business |  |
| or BUSN-P481 | Business Through Eyes of Faith | 3 |
| BUSN-P478 | Organizational Ethics | $\mathbf{3}$ |
| Total Units |  | $\mathbf{2 1}$ |

## Business Administration Major Courses

In addition to the Prerequisites and the Business Core Requirements for a Business Administration Major, students must successfully complete the following courses:

| Code | Title | Units |
| :--- | :--- | ---: |
| Upper Division |  |  |
| BUSN-P316 | Business Law | 3 |
| FINC-P484 | Financial Management | 3 |
| MRKT-P471 | Principles of Marketing | 3 |
| MNGT-P457 | Management Information Systems | 3 |
| or MNGT-P464 Principles of Management |  |  |
| BUSN-P456 | Business Strategy (Capstone) | 3 |
| Total Units |  | $\mathbf{1 5}$ |

## Multi Year Plan

Disclaimer: This sample Multi-Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the School for Professional Studies.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| ENGL-115 | Foundations for College Writing II | 3 |
| ENGL-220 | Researched Writing | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
| REML-PLHD | SPS Theology Requirement | 3 |
|  | Units | $\mathbf{1 2}$ |
| Year 1 Term 2 |  |  |
| HUMA-PLPSCR | PS Humanities Core Req | $\mathbf{3}$ |
| ENGL-230 | Literary Perspectives | 3 |
| ELCT-PLHD6 | Electives 6 Units | 6 |
|  | Units | $\mathbf{1 2}$ |
| Year 1 Term 3 |  | $\mathbf{3}$ |
| MATH-PLMASCI | PS Math/Science Core Requirement | 6 |
| ELCT-PLHD6 | Electives 6 Units | $\mathbf{9}$ |


| Year $\mathbf{2}$ Term 1 |  |  |
| :--- | :--- | ---: |
| SOCS-PLPSCR | PS Social Science Core Requirement | 3 |
| MATH-PLMASCI | PS Math/Science Core Requirement | 3 |
| ELCT-PLHD6 | Electives 6 Units | 6 |
|  | Units | $\mathbf{1 2}$ |

Year 2 Term 2
HUMA-PLPSCR PS Humanities Core Req 3
SOCS-PLPSCR PS Social Science Core Requirement 3

| ELCT-PLHD6 | Electives 6 Units | 6 |
| :--- | :--- | ---: |
|  | Units | $\mathbf{1 2}$ |

Year 2 Term 3

| ELCT-PLHD9 | Elective 9 Units | 9 |
| :--- | :--- | ---: |
| BUOM-PLHD | Business Writing or Computer Apps | 3 |
|  | Units | $\mathbf{1 2}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | :--- |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
| ACCT-P275 | Financial Accounting | 3 |
| ACCT-P282 | Managerial Accounting | 3 |
|  | Units | $\mathbf{9}$ |


| Year 3 Term 2 |  | 3 |
| :--- | :--- | :--- |
| BUSN-P272 | Managerial Economics | 3 |
| PSYD-265 | Intro to Statistical Methods | 3 |
| MNGT-P310 | Design Thinking and Innovation | $\mathbf{9}$ |


| Year 3 Term 3 |  |  |
| :--- | :--- | :--- |
| BUSN-P361 | Organizational Communication | 3 |
| MNGT-P372 | Organizational Behavior | 3 |
| BUSN-P378 | Research Methods | 3 |
|  | Units | $\mathbf{9}$ |


| Year 4 Term 1 |  | 3 |
| :--- | :--- | :--- |
| FINC-P415 | Data Analytics for Business Decisions | 3 |
| BUSN-P478 | Organizational Ethics | 3 |
| BUSN-PLHDBU | Intercultural Dyn or Bus Eyes of Faith | $\mathbf{9}$ |


| Year 4 Term 2 |  | 3 |
| :--- | :--- | :--- |
| BUSN-316 | Legal Aspects/Business Process | 3 |
| FINC-P484 | Financial Management | 3 |
| MRKT-P471 | Principles of Marketing | $\mathbf{9}$ |


| Year 4 Term 3 |  |  |
| :--- | :--- | ---: |
| BUSN-P456 | Business Strategy | 3 |
| MNGT-P225 | Career Transitions: Landing Your Ideal | $0-3$ |
| MNGT-PLHDBU | Mngt Info Systems or Principles of Mngt | 3 |
|  | Units | $\mathbf{6 - 9}$ |
|  | Total Units | $\mathbf{1 2 0 - 1 2 3}$ |

# Business Concentration Options (All Majors) 

## Requirements

Business majors may choose one concentration area as part of the degree program. Concentrations are optional and are 12-units each. Courses completed in a major that are requirements of a concentration do not apply to the concentration and must be replaced with an alternative, approved course. A completed concentration is noted on the official transcript.

| Code Title | Units |
| :--- | ---: |
| Business Concentration Options | 12 |
| Human Resource Management (p. 173) |  |
| Leadership (p. 173) |  |
| Management (p. 173) 1 |  |
| Marketing (p. 173) |  |
| Ministry Leadership (p. 173) |  |
| Organizational Psychology (p. 174) |  |
| $\mathbf{1}$ |  |
| The Management concentration is not open to students in the the |  |
| Bachelor of Arts in Management major. |  |

## Human Resource Management Concentration

The concentration in Human Resource Management helps students understand the issues related to effectively managing a workforce. Focus is on how effective talent acquisition, total rewards programs, performance management, conflict resolution and change management strategies can contribute to organizational success.

| Code | Title | Units |
| :--- | :--- | ---: |
| MNGT-P476 | Human Resource Managment ${ }^{1}$ | 3 |
| MNGT-P311 | Talent Acquisition and Total Rewards | 3 |
| MNGT-P312 | Training/Development/Performance Mngt | 3 |
| MNGT-P470 | Special Topic in Management (Conflict <br> Management and Negotiations) | 3 |
| or MNGT-P411 | Managing Organizational Change |  |


| Total Units | 12 |
| :--- | :--- |

1

Management majors replace MNGT-P476 Human Resource Managment with BUSN-P316 Business Law.

## Leadership Concentration

The leadership concentration is designed to support students in their growth as effective influencers and leaders in a diverse and global environment. Students learn to apply practical, evidenced-based
solutions to issues in organizational change, group and team dynamics and strategic planning and implementation.

| Code | Title | Units |
| :--- | :--- | ---: |
| MNGT-P313 | Team Dynamics and Leadership | 3 |
| MNGT-P411 | Managing Organizational Change |  |
| or MILD-473 | Change Theory \& Strategic Planning in a Christian <br>  <br> Organization | 3 |
| MNGT-P412 | Leadership Theory and Practice | 3 |
| BUSN-P456 | Business Strategy | 3 |
| Total Units |  | $\mathbf{1 2}$ |

## Management Concentration

The management concentration focuses on the application of concepts, theories, tools and technologies in multiple management contexts. Students develop analytical and problem-solving skills for addressing management issues in conflict resolution, strategy, small business, and organizational change. NOTE: The Management concentration is not open to students in the the Bachelor of Arts in Management major.

| Code | Title | Units |
| :--- | :--- | ---: |
| MNGT-P470 | Special Topic in Management (Conflict <br> Management and Negotiations) | 3 |
| MNGT-P470 | Special Topic in Management (Small Business <br> Management) | 3 |
| or MNGT-P476 | Human Resource Managment | 3 |
| MRKT-P485 | Strategic Marketing Management | 3 |
| MNGT-P411 | Managing Organizational Change <br> or MILD-473 <br> Change Theory \& Strategic Planning in a Christian <br> Organization | $\mathbf{1 2}$ |

## Marketing Concentration

The marketing concentration provides students with an introduction to the role, theory and practice of marketing within an organization. Students demonstrate application of discipline-specific skills through cases, simulations and integrated activities in social media and digital marketing, branding, consumer behavior, analytics, storytelling and competitive strategy.

| Code | Title | Units |
| :--- | :--- | ---: |
| MRKT-P485 | Strategic Marketing Management | 3 |
| MRKT-P470 | Special Topic in Marketing (Consumer Behavior) | 3 |
| or COMM-220 | Elements of Storytelling |  |
| MRKT-P314 | Product Marketing and Brand Strategy | 3 |
| MRKT-P414 | Digital Marketing and Analytics | $\mathbf{3}$ |
| Total Units |  | $\mathbf{1 2}$ |

## Ministry Leadership Concentration

The Ministry Leadership concentration is designed for those who are leading or participating in ministry, service or non-profit organizations. Students are equipped with a foundation in Christian ethics and
introduced to the management concepts and theories supporting successful leadership of Christian organizations.

| Code | Title | Units |
| :--- | :--- | ---: |
| MILD-368 | Leadrshp-Christian Organizatn (Write out the word <br> Organizations) | 3 |
| MILD-460 | Foundations-Christian Ethics | 3 |
| MILD-462 | Management-Christian Organztns (Write out the <br> word Organizations) | 3 |
| MILD-473 | Change Theory \& Strategic Planning in a Christian <br> Organization | 3 |
| Total Units |  | $\mathbf{1 2}$ |

## Organizational Psychology Concentration

The Organizational Psychology concentration provides students with an introduction to general psychological knowledge including personality, individual and group behavior, motivation, culture, and attitudes. Students learn effective conflict resolution and negotiation techniques and demonstrate application of theories and principles within an organizational context.

| Code | Title | Units |
| :--- | :--- | ---: |
| PSYC-103 | Introduction to Psychology | 3 |
| MNGT-P476 | Human Resource Managment | 3 |
| or MNGT-P470 | Special Topic in Management | 3 |
| PSYD-432 | Social/Cultural Psychology | 3 |
| PSYD-352 | Industrial/Organizational Psyc (Write out the word <br>  <br>  <br> Psychology) | 3 |
| Total Units |  | $\mathbf{1 2}$ |

## Business Minor

## Requirements

Guidelines for obtaining minors are indicated below. Students must meet with their Student Success Coordinator and complete the Minor Application Form to receive approval to pursue a minor. The Minor Application Form must be submitted to the Office of the Registrar two (2) academic terms prior to anticipated graduation in order for minor to be evaluated and posted to transcript once degree requirements have been completed. Students are reminded to inquire about Financial Aid availability, as courses above and beyond degree requirements may not be eligible for funding.

## Business Administration Minor Requirements

Twenty-one (21) units are required in accordance with the following guidelines. Courses should be chosen in consultation with the Student Success Coordinator for Business. Please refer to the course descriptions to see necessary prerequisites. A minimum of 12 units must be taken at VU.

| Code | Title | Units |
| :--- | :--- | ---: |
| Select six (6) units from the following or course equivalent | 6 |  |
| BUSN-P378 | Research Methods |  |

6

BUSN-P378 Research Methods

MNGT-P310 Design Thinking and Innovation
Select six (6) units from the following or course equivalent 6
ACCT-P275 Financial Accounting
ACCT-P282 Managerial Accounting
BUSN-P272 Managerial Economics
FINC-P415 Data Analytics for Business Decisions
Select nine (9) units from the following or course equivalent: 3 units 9
BUSN, 3 units MNGT, 3 units MRKT

| BUSN-P316 | Business Law |
| :--- | :--- |
| BUSN-P416 | Intercultural Dynamics in Business |
| BUSN-P456 | Business Strategy |
| BUSN-P478 | Organizational Ethics |
| MNGT-P457 | Management Information Systems |
| MNGT-P464 | Principles of Management |
| MNGT-P470 | Special Topic in Management (Conflict |
|  | Management and Negotiations) |
| MNGT-P476 | Human Resource Managment |
| MRKT-P471 | Principles of Marketing |
| MRKT-P485 | Strategic Marketing Management |

Total Units

## Management B.A.

Requirements

| Code $\quad$ Title | Units |  |
| :--- | ---: | ---: |
| General Education Core Requirements (p. 65) | $34-37$ |  |
| Management Prerequisite Requirements (p. | ) | 12 |
| Business Core Requirements (p. 175) | 21 |  |
| Major Core Requirements (p. 175) | $\mathbf{1 5}$ |  |
| Electives or Concentration | $\mathbf{3 8 - 3 5}$ |  |
| Total Units | $\mathbf{1 2 0}$ |  |

## Lower Division Management Requirements

Prior to completing the Business Core Requirements, students should successfully complete the following prerequisite courses:
Code Title Units

Lower Division
Lower Division
COMM-201 Speech Composition and Presentation

Marketing Course - Select any Introductory Marketing (MRKT) or 3 equivalent course
Psychology Course - Select any PSYD or equivalent Psychology 3 course
Select one course: 3

BUSN-P272 Managerial Economics
Finance (FINC) or equivalent course
Total Units
Code Title Units
General Education Core Requirements (p. 65) 34-37
Management Prerequisite Requirements (p. ) 12
Business Core Requirements (p. 175) 21
Major Core Requirements (p. 175) 15

F

Business Core Courses (All Majors)

| Code | Title | Units |
| :--- | :--- | ---: |
| MNGT-P310 | Design Thinking and Innovation | 3 |
| BUSN-P361 | Organizational Communication |  |
| or PSYD-352 | Industrial/Organizational Psyc | 3 |
| MNGT-P372 | Organizational Behavior | 3 |
| BUSN-P378 | Research Methods | 3 |
| FINC-P415 | Data Analytics for Business Decisions | 3 |
| BUSN-P416 Intercultural Dynamics in Business <br> or BUSN-P481 Business Through Eyes of Faith | 3 |  |
| BUSN-P478 | Organizational Ethics | $\mathbf{3}$ |
| Total Units |  | $\mathbf{2 1}$ |

## Management Major Course Requirements

In addition to the Prerequisites and the Business Core Requirements for a Management Major, students should successfully complete the following courses:

| Code | Title | Units |
| :---: | :---: | :---: |
| Upper Division |  |  |
| MNGT-P470 | Special Topic in Management (Conflict Management and Negotiations) | 3 |
| or MNGT-P411 | Managing Organizational Change |  |
| MNGT-P476 | Human Resource Managment | 3 |
| MRKT-P485 | Strategic Marketing Management | 3 |
| PSYD-432 | Social/Cultural Psychology | 3 |
| or MNGT-P464 | Principles of Management |  |
| MNGT-P413 | Managerial Leadership (Capstone) | 3 |
| Total Units |  | 15 |

## Multi Year Plan

Disclaimer: This sample Multi-Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the School for Professional Studies.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| ENGL-115 | Foundations for College Writing II | 3 |
| ENGL-220 | Researched Writing | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
| REML-PLHD | SPS Theology Requirement | 3 |
|  | Units | $\mathbf{1 2}$ |

Year 1 Term 2
HUMA-PLPSCR PS Humanities Core Req 3

| ENGL-230 | Literary Perspectives | $\mathbf{3}$ |
| :--- | :--- | ---: |
| ELCT-PLHD6 | Electives 6 Units | 6 |
|  | Units | $\mathbf{1 2}$ |
| Year 1 Term 3 |  | 3 |
| MATH-PLMASCI | PS Math/Science Core Requirement | 3 |
| MRKT-P471 | Principles of Marketing | 6 |
| ELCT-PLHD6 | Electives 6 Units | $\mathbf{1 2}$ |
|  | Units |  |
| Year 2 Term 1 |  | 3 |
| SOCS-PLPSCR | PS Social Science Core Requirement | 3 |
| MATH-PLMASCI | PS Math/Science Core Requirement | $\mathbf{3}$ |
| PSYC-103 | Introduction to Psychology | $\mathbf{3}$ |
| ELCT-PLHD3A | General Elective 3 Units | $\mathbf{1 2}$ |

Year 2 Term 2
HUMA-PLPSCR PS Humanities Core Req 3
SOCS-PLPSCR PS Social Science Core Requirement 3
ELCT-PLHD3A General Elective 3 Units $\quad 3$
Year 2 Term 3
ELCT-PLHD6 Electives 6 Units 6

| BUOM-PLHD | Business Writing or Computer Apps | 3 |
| :--- | :--- | :--- |
|  | Units | $\mathbf{9}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | :--- |
| COMM-201 | Speech Composition and Presentation | 3 |
| ELCT-PLHD6 | Electives 6 Units | 6 |
|  | Units | $\mathbf{9}$ |


| Year 3 Term 2 |  | 3 |
| :--- | :--- | :--- |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
| MNGT-P310 | Design Thinking and Innovation | 3 |
| BUSN-P272 | Managerial Economics | $\mathbf{9}$ |


| Year 3 Term 3 |  |  |
| :--- | :--- | :--- |
| BUSN-P361 | Organizational Communication | 3 |
| MNGT-P372 | Organizational Behavior | 3 |
| BUSN-P378 | Research Methods | 3 |
|  | Units | $\mathbf{9}$ |


| Year 4 Term 1 |  | 3 |
| :--- | :--- | :--- |
| FINC-P415 | Data Analytics for Business Decisions | 3 |
| BUSN-P478 | Organizational Ethics | 3 |
| BUSN-PLHDBU | Intercultural Dyn or Bus Eyes of Faith | $\mathbf{9}$ |


| Year 4 Term 2 |  | 3 |
| :--- | :--- | :--- |
| MNGT-P476 | Human Resource Managment | 3 |
| MRKT-P485 | Strategic Marketing Management | 3 |
| MNGT-PLHDOM | Sp Topic in Mngt or Managing Org Change | $\mathbf{9}$ |

Year 4 Term 3
MNGT-P413 Managerial Leadership
3

| MNGT-P225 | Career Transitions: Landing Your Ideal | $0-3$ |
| :--- | :--- | ---: |
| MNGT-PLHDPY | Social/Cultural Psych or Prin of Mngt | 3 |
| Units | $\mathbf{6 - 9}$ |  |
| Total Units | $\mathbf{1 1 7 - 1 2 0}$ |  |

# DIVISION OF NATURAL, PHYSICAL AND HEALTH SCIENCES 

Diana Avans, Ph.D.
Associate Dean, Division of Natural, Physical and Health Sciences
Katherine Tong, Ph.D., Rn, FNP-BC
Director of Nursing

## The College

- Department of Biological Sciences (p. 178)
- Department of Chemical and Environmental Sciences (p. 192)
- Department of Kinesiology (p. 205)
- Department of Mathematics and Physical Sciences (p. 213)
- Department of Nursing (College) (p. 232)


## School for Professional Studies

- Department of Nursing (RN-BSN) (p. 238)


## Graduate Programs

- Graduate Program in Nursing (p. 241)
- Graduate Programs in Biotechnology (p. 249)


## The College

Michael D. Wilson, Ph.D., Associate Provost and Dean of the College
The College offers undergraduate programs to traditional (residential and commuter) undergraduate students in classroom-based, on-line, and blended formats during a two-semester academic year and in Summer sessions. The College is committed to providing students with a broad education in the liberal arts-an objective requiring study in a variety of academic disciplines-and expertise in an academic major in the arts, communication, the humanities mathematics, the sciences, or the social sciences. This education supports Vanguard University's mission to pursue knowledge, cultivate character, deepen faith, and equip each student for a Spirit-empowered life of Christ-centered leadership and service. Emphasis is placed on the application of an academic discipline to an integrated Christian faith and life as it is lived in vocation, service, and graduate studies.

Academic majors housed in The College are listed below within their respective divisions. Academic majors typically have several options for minors, concentrations, and emphases. A petition for an academic minor, concentration, or emphasis must be filed with the Registrar's Office.

## Division of Arts, Education and Humanities

- English B.A with Integrated Teacher Education Program (ITEP) (p. 78)
- English B.A. (p. 79)
- Liberal Studies B.A. (p. 87)
- Liberal Studies B.A. Integrated Teacher Education Program (ITEP) (p. 89)
- Music B.A. (p. 99)
- Music B.A. with a Concentration in Worship Leadership (p. 100)
- Music B.M. (Pre-Teacher Certificate) (p. 102)
- Theatre Arts B.A. with a Concentration in Musical Theatre (p. 111)
- Theatre Arts B.A. with a Concentration in Stage and Screen Acting/ Directing (p. 114)
- Theatre Arts B.A. with a Concentration in Technical/Design (p. 116)


## Division of Business and Communication

- Accounting B.A. (p. 148)
- Business Administration B.A. (p. 150)
- Communication B.A. with a Concentration in Communication Studies (p. 160)
- Communication B.A. with a Concentration in Film and Visual Storytelling (p. 161)
- Communication B.A. with a Concentration in Health Communication (p. 163)
- Communication B.A. with a Concentration in Public Relations (p. 164)
- Communication B.A. with a Concentration in Technology and Emerging Media (p. 166)
- Marketing B.A. (p. 152)


## Division of Natural, Physical and Health Sciences

- Actuarial Science B.S. (p. 223)
- Biochemistry B.S. (p. 198)
- Biology B.S. (p. 184)
- Biology B.S. with a Concentration in Biomedical (p. 186)
- Biology B.S. with a Concentration in Biotechnology (teach-out) (p. 187)
- Biology B.S. with a Concentration in Neurobiology (p. 188)
- Biology B.S. with an Education Minor (VISTA) (p. 190)
- Biotechnology B.S. (https://catalog.vanguard.edu/stem/ undergraduate/biological-sciences/biotechnology/)
- Chemistry B.S. (p. 200)
- Chemistry B.S. with an Education Minor (VISTA) (p. 201)
- Computer Science B.S. (p. 224)
- Data Science B.S. (p. 226)
- Engineering Physics B.S. (p. 227)
- Environmental Sciences B.S. (p. 203)
- Kinesiology B.S. with a Concentration in Health and Human Performance (p. 210)
- Kinesiology B.S. with a Concentration in Pre-Health Professions (p. 211)
- Mathematics B.S. (p. 228)
- Mathematics B.S. with an Education Minor (VISTA) (p. 230)
- Nursing B.S.N. (Pre-Licensure) (p. 235)


## Division of Social and Behavioral Sciences

- History and Political Science B.A. (p. 262)
- History and Political Science ITEP B.A. (p. 260)
- Psychology B.A. (p. 268)
- Sociology B.A. (p. 277)


## Division of Theology

- Theology B.A. with a Concentration in Biblical Studies (p. 316)
- Theology B.A. with a Concentration in Christian Formation and Discipleship Studies (p. 317)
- Theology B.A. with a Concentration in General Christian Studies (p. 318)
- Theology B.A. with a Concentration in Intercultural Studies (p. 320)
- Theology B.A. with a Concentration in Pastoral Leadership Studies (p. 321)
- Theology B.A. with a Concentration in Youth Leadership (p. 323)


## Department of Biology

Mission: The Department of Biology seeks to provide training in a Christian environment needed to prepare students for teaching careers, research positions in industry/academia, admission into medical and health professional schools, and graduate studies in biological sciences.

The Bachelor of Science (B.S.) program provides undergraduate preparation for technical employment, post-baccalaureate study in graduate school, professions such as medicine, and other health professions, and for work in natural resource management. Two B.S. degrees are offered in the department: Biology and Biotechnology. Within the Biology B.S. program, there are three possible concentrations that one could specialize in including: Neurobiology, Biomedical Biology and Biology Teacher Education Program. Students pursuing the Biotechnology major are eligible to apply to the 4+1 BS/MS program. All majors in Natural and Physical Sciences are expected to make satisfactory academic progress toward graduation. In addition to the requirements established by the University, students must maintain a 2.0 in all major coursework. Further, the Department also requires a minimum grade of C - as completion for pre-requisites in science-related coursework for all students enrolled in MATH, BIOL, ENVR, CHEM, and PSCI courses, regardless of major.

A Biology major considering graduate or professional school should confer with a Biology advisor to plan a program to meet the student's needs for entrance into such a school or profession. In addition, it is strongly recommended that the student meet with their advisor to make sure that the student is aware of the additional requirements imposed by the Pre-Med Committee.

## Biology Concentrations

## Biomedical Concentration

This concentration is aimed to prepare students for superior education in most professional health care programs (medicine, dentistry, veterinary medicine, pharmacy etc.), associated health programs (physician assistant, nursing, physical therapy, occupational therapy) and other graduate programs in the biomedical sciences. This is also suitable
for students desiring careers in biomedical research, academic or commercial laboratories. Experiential learning opportunities are encouraged and could include participating in laboratory research, volunteer experiences and leadership positions within student clubs The basic science curriculum meets the requirements for entrance into professional schools. We also subject the students to "Mock interviews" to help them get ready for the medical school admission process.

## Neurobiology Concentration

This concentration provides an emphasis on the study of the nervous system, and provides students a chance to learn how neurobiologists use cellular, molecular, systems and behavioral analyses to improve the understanding of how the brain works. A special emphasis is placed on understanding the cellular mechanisms responsible for learning and memory, and the application of this information to enhance learning. Students will also develop a fundamental understanding of neuroanatomy, neurophysiology and neuropharmacology through brain dissections, lab exercises, and simulations. Hand-on experimentation through use of animal models to study neurological disorders will also allow students to develop their analytical and critical thinking skills.

## VISTA: Biology Teacher Education Program

The Vanguard Integrated STEM Teacher Achievement Program (VISTA) is one of several Integrated Teaching Education Programs (ITEP) offered at Vanguard. The ITEP program allows for students to complete not only their bachelor's degree but also the California Teaching Credential within four years. This is a great option for students preparing to teach biology at the secondary school level. The Bachelor of Science in Biology degree with this option is approved by the California Commission on Teacher Credentialing. Completion of this option will satisfy the subject matter requirement for the Single Subject Teaching Credential in Life Sciences within four years. Students wishing to graduate on a four-year plan are still eligible to enroll in the fifth-year credential program at Vanguard University or some other accredited college or university to complete subject requirements for the California Clear Teaching Credential in Mathematics (see the Graduate Program in Education for these requirements). Students under this option must include BIOL-111 Principles of Cell and Molecular Biology, BIOL-112 Principles of Organismal Biology, BIOL-112L Principles of Organismal Biology Lab, BIOL-309 Microbiology, BIOL-309L Microbiology Laboratory, BIOL-311 Genetics, BIOL-311L Genetics Laboratory, and an Ecology Course as a part of their degree program. They should also take ENGL-453 Language, Culture, and Linguistics and POLS-155C American Democracy (see program requirements).

## Biotechnology

This new major will prepare students to enter a growing industry. The program aims to prepare students with the technical skills for a career in Biotechnology and the ability to critically assess biotechnology advances and applications. Biotechnology students will receive hands-on training, research experience and internship opportunities. Program graduates will be prepared to enter the workforce as a laboratory technician or pursue further training in a graduate program to focus on becoming a skilled researcher or laboratory manger. A dedicated biotechnology lab was remodeled in 2020 to house all biotechnology equipment and projects.

## Program Learning Outcomes Department of Biology Program Learning Outcomes

Students majoring in either Biology (B.S.) or Biotechnology (B.S.) have a common core set of coursework and expectations. Thus, all VU Biology graduates should be able to:

1. Demonstrate proficiency in general biology concepts and theories, as well as in self-selected biology sub-disciplines in order to succeed in careers and graduate programs.
2. Illustrate sufficient proficiency in calculus, general chemistry, organic chemistry, and physics in order to understand biological concepts involving these disciplines.
3. Operate basic scientific instruments necessary for biological investigations such as microscopes, centrifuges,
spectrophotometers, electrophoresis equipment and pH meters thus demonstrating competency in basic laboratory skills, cell culture, and field techniques.
4. Design and conduct experiments -both individually and in small groups- using appropriate strategies such as: collect, organize, analyze, interpret, and present quantitative \& qualitative data and incorporate them into the broader context of biological knowledge.
5. Analyze and evaluate various types of scientific information including primary research articles, mass media sources and world-wide web information.
6. Disseminate and present biological data with theoretical and historical perspectives -both in oral and written formats- to a diverse audience.
7. Use critical and creative thinking to solve problems by compiling and analyzing scientific information from library, electronic, and experimental sources. Effectively apply current technology and scientific methodologies for problem solving.
8. Articulate historical, current, and theoretical issues relating to biology and society within a Christ-centered worldview that allows for evaluation of the relationship of scientific theories with ethical and religious perspectives, particularly those common to Pentecostal Christians.

## Program

## Majors Offered:

- Biology B.S. (p. 184)
- Biology B.S. with a Concentration in Biomedical (p. 186)
- Biology B.S. with a Concentration in Biotechnology (teach-out) (p. 187)
- Biology B.S. with a Concentration in Neurobiology (p. 188)
- Biology B.S. with an Education Minor (VISTA) (p. 190)
- Biotechnology B.S. (https://catalog.vanguard.edu/stem/ undergraduate/biological-sciences/biotechnology/)

See the Graduate Program in Biotechnology (p. 249) for a description of the B.S./M.S. in Biotechnology 4+1 program.

## Minors Offered:

- Biology Minor (p. 192)


## Courses

Biology
BIOL-100C Fundamentals of Biology for Non-Majors 3 Credits An introduction to the structures and functions of the major plant and animal groups. Focus is directed toward biological principles and problems facing humans in dynamic ecosystems. Lecture three hours. This course fulfills the core curriculum lecture requirement in natural sciences.
Co-Requisite: BIOL-100CL
Terms Typically Offered: Fall, Spring, and Summer.
BIOL-100CL Fundamentals/Biology for Non-Majors Lab 1 Credit Introduction to biological laboratory procedures. Laboratory exercises in molecular biology, metabolism and physiology, structure, ecology, and taxomonic groups. Laboratory four hours. Lab fee. This course fulfills the core curriculum laboratory requirement in natural sciences.
Pre- or Co-Requisite: BIOL-100C
Terms Typically Offered: Fall, Spring, and Summer.

## BIOL-111 Principles of Cell and Molecular Biology 3 Credits

An introductory course for the biological sciences which covers the scientific method, basic biological chemistry, cell structure and function, metabolism and energy transformation, evolution, classification, and other related topics. This course fulfills the core curriculum lecture requirement in Natural Sciences; however, this course is designed for Biology majors.
Co-Requisite: BIOL-111L
Terms Typically Offered: Fall and Spring.
BIOL-111L Principles of Biology Lab 1 Credit
Pre- or Co-Requisite: Take BIOL-111
BIOL-112 Principles of Organismal Biology 3 Credits
An introductory course for the biological sciences which covers the kingdoms of living organisms, plant and animal physiology, population genetics, biodiversity, ecology, and other related topics.
Prerequisite: BIOL-111C and BIOL-111CL or equivalent.
Co-Requisite: BIOL-112L
Terms Typically Offered: Spring.
BIOL-112L Principles of Organismal Biology Lab 1 Credit
Topics in this course are designed to complement lectures presented in BIOL-112. Students will conduct a broad survey of investigations selected to optimize the understanding of basic laboratory techniques and biological principles including field trips, dissection, collections, ecosystem classification and evaluation. Lab and field trip fee.
Co-Requisite: BIOL-112
Terms Typically Offered: Spring.

## BIOL-204C Human Anatomy 3 Credits

Introductory study of the gross physical structure, cellular makeup and physiological function of elements within the nine major organ systems. Lecture three hours. This course fulfills the core curriculum lecture requirement in Natural Sciences; however, this course is designed for Biology majors
Co-Requisite: BIOL-204CL
Terms Typically Offered: Fall and Spring.

## BIOL-204CL Human Anatomy Laboratory 1 Credit

Laboratory study introducing the primary functional and supportive components within the skeletal, muscular, digestive, urinary, nervous, respiratory, reproductive, and cardiovascular systems. Laboratory three hours. Lab fee. This course fulfills the core curriculum laboratory requirement in Natural Sciences; however, this course is designed for Biology majors.
Co-Requisite: BIOL-204C
Terms Typically Offered: Fall and Spring.

## BIOL-205 Principles of Human Physiology 4 Credits

Investigates the fundamental physiological processes in humans using a systems approach to student integrated functions. The course will explore the functions of the human body emphasizing homeostasis and integration at the biochemical, cellular, organ, and system levels. The systems studied will include nervous, cardiovascular, respiratory, renal, gastrointestinal, endocrine, reproductive, and immunity. This course is a combined lecture and laboratory course fulfilling the physiology requirement for RN to BSN student. This is not a suitable course for PreLicensure Nursing students or Biology Majors. This requirement meets the science lab requirement for all other students. Lab fee required. Terms Typically Offered: Spring.

## BIOL-208 Biology of Nutrition 4 Credits

The course emphasizes the biology of nutrition as applied to metabolic and physiologic principles underlying digestion and absorption of nutrients, chemical structure, and metabolism of nutrients, the biochemical role of nutrients in maintaining health, and the effects of over- and under-nutrition on health and on disease pathogenesis. The students will gain an understanding of the biology of macronutrients (carbohydrates, lipids, and proteins) and micronutrients (vitamins, minerals, and water). Weight management and dietary analysis will also be discussed. Laboratory activities provide real-world insight into the biology of nutrition and will assist students in understanding how proper nutrition can optimize body system functions. This course is a combined lecture and laboratory course fulfilling the physiology requirement for RN to BSN student. This is not a suitable course for Pre-Licensure Nursing students or Biology Majors. This requirement meets the science lab requirement for all other students. Lab fee required. (School for Professional Studies Course).
Terms Typically Offered: Spring and Summer.

## BIOL-209 Principles of Microbiology 3 Credits

An introduction to the study of micro-organisms: their occurrence and importance to humans. Major concepts of general microbiology are discussed, including prokaryotic and eukaryotic cell types: structural organization of cells; cellular metabolism, regulation of metabolism, and genetics; host-parasite relationships, nutrition, growth, control mechanisms, immunology and serology; recombinant DNA technology; growth of microbial cells; and controlling growth by chemical and physical means. Bacteria, fungi, algae, protozoa, and viruses are studied. Special emphasis is given to infectious diseases and the organisms that cause these diseases.
Co-Requisite: BIOL-209L
Pre- or Co-Requisite: BIOL-205 or BIOL-100C
Terms Typically Offered: Spring.

BIOL-209L Principles of Microbiology Lab 1 Credit
The laboratory course will introduce students to basic microbiology techniques and principles. Students will learn procedures for handling micro-organisms and establishing pure cultures. Additionally, the following basic microbiology laboratory protocols will be covered: specimen collection, cultivation, analysis, identification, and reporting. Laboratory three hours. Lab fee.
Prerequisite: BIOL-210
Co-Requisite: BIOL-209
Terms Typically Offered: Spring.

## BIOL-210C Fundamentals of Biology 3 Credits

An introduction to the structures and functions of the major plant and animal groups. Focus is directed toward biological principles and problems facing humans in dynamic ecosystems. Lecture three hours. This course fulfills the core curriculum lecture requirement in Natural Sciences; however, this course is designed for non-science majors. Co-Requisite: BIOL-210CL

## BIOL-210CL Fundamentals of Biology Lab 1 Credit

Introduction to biological laboratory procedures. Laboratory exercises in molecular biology, metabolism and physiology, structure, ecology, and taxonomic groups. Laboratory three hours. Lab fee. This course fulfills the core curriculum laboratory requirement in Natural Sciences; however, this course is designed for non-science majors.
Co-Requisite: BIOL-210C

## BIOL-220 Cell Biology 3 Credits

This course provides an introduction to the fundamental principles of biology that center on the cell. Focus will be placed on cellular structure and function, fundamental metabolism, and molecular genetics. Lecture

## three hours.

Prerequisite: BIOL-112
Co-Requisite: BIOL-220L
Terms Typically Offered: Fall.

## BIOL-220L Cell Biology Lab 1 Credit

This course provides a working understanding of basic principles paramount to the study of biological sciences. Students will have a fundamental understanding of the scientific method, the cell, cellular structure, cellular respiration, DNA processes, protein synthesis, cellular reproduction, and genetics. This course prepares the student to think critically and analyze data. Laboratory three hours. Lab fee.
Prerequisite: BIOL-112L
Co-Requisite: BIOL-220
Terms Typically Offered: Fall.

## BIOL-234 Principles of Neuroscience 4 Credits

The course is an introduction to the human nervous system and how the brain processes sensory information, controls actions, and learns through experience and emotions. Each lesson provides a broad understanding of the fundamentals of brain structures and its role in behavior. The course also aims to introduce the student to brain science behind sensory development, language acquisition and learning. (School for Professional Studies Course).
Terms Typically Offered: Fall, Spring, and Summer.

## BIOL-291 Special Topic in Biology 1 Credit

Study of a special topic in life science. May be repeated for credit. Lab fee.

BIOL-292 Special Topic in Biology 2 Credits
Study of a special topic in life science. May be repeated for credit. Lab fee.

## BIOL-293 Special Topic in Biology 3 Credits

Study of a special topic in life science. May be repeated for credit. Lab fee.

## BIOL-294 Special Topic in Biology 4 Credits

Study of a special topic in life science. May be repeated for credit. Lab fee.

## BIOL-302 Comparative Vertebrate Anatomy 3 Credits

Study of the similarities and differences in the structure and function of chordates (fish, amphibians, reptiles, birds, mammals) in both ancient and modern forms, with particular emphasis on human organ systems. Embryological development and features are integrated into the discussion of each organ system. Lecture three hours. Offered in alternate years.
Prerequisite: BIOL-112
Co-Requisite: BIOL-302L
Terms Typically Offered: Fall, odd years.

## BIOL-302L Comp Vertebrate Anatomy Lab 1 Credit

Study of the essential embryological and morphological features of representative chordates (fish, amphibians, reptiles, birds, mammals), with particular emphasis given to human organ systems. Laboratory exercises incorporate dissection on preserved specimens. Laboratory three hours. Lab fee. Offered in alternate years.
Prerequisite: BIOL-112
Co-Requisite: BIOL-302
Terms Typically Offered: Fall, odd years.

## BIOL-303 Neurobiology Learning \& Memory 3 Credits

This course introduces students to the methods, theories, and concepts that are central to the field of learning and memory. The course uses a combination of lectures and student-led discussions. The course highlights the molecular and cellular processes that are responsible for the synaptic changes that are responsible for learning and the formation of memory. Students will learn how changes in synapses generate, stabilize, consolidate, and maintain memories. Topics covered include system and synaptic consolidation, reconsolidation, memory systems, and the neural pathways involved in different types of memories. Prerequisite: BIOL-220

## BIOL-304 Human Physiology 3 Credits

This course will investigate the fundamental physiological processes in humans using a systems approach to study integrated functions. It will explore the functions of the human body emphasizing homeostasis at biochemical, cellular, organ, and system levels. The systems studied will include nervous, cardiovascular, respiratory, renal, gastrointestinal, endocrine, and reproductive. Lecture three hours.
Prerequisite: BIOL-111C; BIOL-204C; or other college biology course with permission of instructor.
Co-Requisite: BIOL-304L
Terms Typically Offered: Fall and Spring.

## BIOL-304L Human Physiology Lab 1 Credit

This course is designed to complement BIOL-304 investigating fundamental physiological processes in humans. The systems studied will include nervous, cardiovascular, respiratory, renal, gastrointestinal, endocrine, and reproductive. Laboratory three hours. Lab fee.
Co-Requisite: BIOL-304
Terms Typically Offered: Fall and Spring.

## BIOL-305 Physiology of Vertebrates 3 Credits

Principles of animal physiology with emphasis on vertebrates. Lecture three hours. Offered in alternate years.
Prerequisite: BIOL-112 and BIOL-220
Co-Requisite: BIOL-305L
Terms Typically Offered: Spring, odd years.

## BIOL-305L Physiology of Vertebrates Lab 1 Credit

Laboratory course examining the principles of animal physiology with emphasis on vertebrates. Laboratory three hours. Lab fee. Offered in alternate years.
Prerequisite: BIOL-112L and BIOL-220L
Co-Requisite: BIOL-305
Terms Typically Offered: Spring, odd years.

## BIOL-309 Microbiology 3 Credits

Biology of micro-organisms: their occurrence and importance to humans.
Topics will include microbial cell structure and function, metabolism, microbial genetics, and the role of micro-organisms in disease and immunity. Lecture three hours.
Co-Requisite: BIOL-309L
Terms Typically Offered: Fall.
BIOL-309L Microbiology Laboratory 1 Credit
Laboratory three hours. Lab fee.
Co-Requisite: BIOL-309
Terms Typically Offered: Fall.

## BIOL-311 Genetics 3 Credits

A study of the principles and the physical basis of heredity, biochemical aspects of gene actions, and social implications of heredity. Lecture three hours. Offered in alternate years.
Prerequisite: BIOL-220 and BIOL-220L
Co-Requisite: BIOL-311L
Terms Typically Offered: Spring.

## BIOL-311L Genetics Laboratory 1 Credit

Laboratory three hours. Lab fee. Offered in alternate years.
Co-Requisite: BIOL-311
Terms Typically Offered: Spring.

## BIOL-315 General Ecology 3 Credits

An introduction to the interactions between organisms and their physical and biological environment. Important factors and processes influencing organisms within both terrestrial and aquatic ecosystems will be studied.
Lecture three hours.
Prerequisite: BIOL-112
Co-Requisite: BIOL-315L
Terms Typically Offered: Spring, odd years.

## BIOL-315L Ecology Field and Lab Practicum 1 Credit

This class provides hands-on experiences in the laboratory and in the field, enhances the student's understanding of basic environmental science and ecological concepts presented in BIOL-315. The laboratory experiments are oriented towards demonstrated basic principles of ecology and mastering modern research and field techniques. The individual exercises are from an excellent notebook on current protocols used in ecology. Occasional field sampling will be required. Three hours of lab per week. Lab fee.
Prerequisite: BIOL-112L
Co-Requisite: BIOL-315
Terms Typically Offered: Spring, odd years.

## BIOL-335 Biology of Cancer 3 Credits

This course is designed to study cancer from both a cellular and a clinical perspective. Characteristics of aberrant cell growth, proliferation and metastasis will be studied with a focus on the genetic changes that occur in cancer cells. Clinical aspects of cancer that will be discussed will include the classification, carcinogenesis, epidemiology, prevention and treatment of cancer. Course fee.
Prerequisite: BIOL-112,BIOL-210C, BIOL-220, CHEM-112C or permission ofinstructor.
Terms Typically Offered: Spring, even years.

## BIOL-345C Mountain Field Biology 4 Credits

A study of biota and communities of the mountains and factors affecting distributions, reproductions, and physiology of plant and animal life. A significant component of the course focuses on geology and the geological forces involved in mountain and land formation. Lab fee. Much of the course consists of a 2-week field trip through the Sierra Nevadas typically during May. Lab and field trip fee. Lab fee covers lab project materials, food, transportation, and accommodations during the twoweek long trip. Any special diet or physical accommodations must be approved by the instructor prior to enrollment. This course fulfills the core curriculum lecture and lab science requirement in natural sciences. Terms Typically Offered: Spring.

## BIOL-346C Desert Field Ecology 4 Credits

A study of biota and communities of desert environments and factors affecting distributions, reproduction, and physiology of plant and animal life. A significant component of the course focuses on geology and the geological forces involved in mountain and land formation. One week of the course consists of a field trip through the arid regions of Southern California typically during spring break. Course will fulfill core curriculum science requirement. Lab fee. Lab fee will cover lab project materials, food, transportation, and accommodations during the two-week long trip. Any special diet or physical accommodations must be approved by the instructor prior to enrollment. This course fulfills the core curriculum lecture and lab science requirement in Natural Sciences.
Terms Typically Offered: Spring.

## BIOL-348C Coastal Ecology 4 Credits

Coastal Ecology examines the ecological processes at the interface between land and sea in order to provide an understanding of the coastal environment, how terrestrial and marine systems are intricately connected, and how human activities can impact both. Much of the course consists of local field trips in coastal and marine environments and in particular a week-long field trip usually during spring break. Course will fulfill core curriculum science requirement. Lab fee. Lab fee covers lab project materials, food, transportation, and accommodations during the week- long trip. Any special diet or physical accommodations must be approved by the instructor prior to enrollment. This course fulfills the core curriculum lecture and lab science requirement in Natural Sciences. Terms Typically Offered: Spring.

## BIOL-353 Neuropharmacology 3 Credits

This course is designed to give students a fundamental understanding of the biochemical bases of behavior as well as the effects of drugs on the central nervous system and behavior. Topics covered include basic principles of neuropharmacology, pharmacokinetics, neurotransmitter systems, neural substrates of drug action, and neuropharmacology of neural disorders.
Prerequisite: BIOL-220
Terms Typically Offered: Fall, even years.

## BIOL-353L Neuropharmacology Laboratory 1 Credit

This laboratory course supports the BIOL-404 lecture and must be taken concurrently.
Prerequisite: BIOL-220, BIOL-220L
Co-Requisite: BIOL-404
Terms Typically Offered: Spring, even years.

## BIOL-365 Neurobiology of Learning and Memory 3 Credits

This course introduces students to the methods, theories, and concepts that are central to the field of learning and memory. The course uses a combination of lectures and student-led discussions. The course highlights the molecular and cellular processes that are responsible for the synaptic changes that are responsible for learning and the formation of memory. Students will learn how changes in synapses generate, stabilize, consolidate, and maintain memories. Topics covered include system and synaptic consolidation, reconsolidation, memory systems, and the neural pathways involved in different types of memories.
Prerequisite: BIOL-220, BIOL-220L
Terms Typically Offered: Fall, odd years.
BIOL-365L Neurobiology of Learning/Memory Lab 3 Credits
This course supports the BIOL-365 lecture and must be taken concurrently.
Prerequisite: BIOL-220, BIOL-220L
Co-Requisite: BIOL-365
Terms Typically Offered: Fall, even years.

BIOL-385 Research Methods in Neurobiology 3 Credits
This course provides students with an empirically-based research experience in the area of behavioural neurosceince. Students will be using an animal model of addition to study the neural mechanisms behind learning and memory. Students will gain a basic understanding of proper research methodology, memory consolidation, reconsolidation, conditioned place prefereance paradigm, brain anaromy, and
pharmacology. Students will have hands-on experience learning various techniques, including animal handling and injection, and behavioral analysis. Terms Typically offered: Spring, even years.
Prerequisite: BIOL-365
Terms Typically Offered: Spring, even years.

## BIOL-402 Histology 3 Credits

Study of the cells and tissues comprising each human organ system. Discussion focuses on structural and functional components in both intracellular and extracellular compartments, and cellular interaction within and among different organ systems. Lecture three hours. Offered in alternate years.
Prerequisite: BIOL-220
Co-Requisite: BIOL-402L

## BIOL-402L Histology Lab 1 Credit

Laboratory study of the cells and tissues comprising each human organ system. Particular emphasis is placed upon learning to identify the features making each tissue and organ unique. Laboratory three hours. Lab fee. Offered in alternate years.
Prerequisite: BIOL-220L
Co-Requisite: BIOL-402

## BIOL-403 Biotechnology 6 Credits

Methodology and application in biotechnology. The following topics will be covered: genetic engineering techniques for introducing a gene for a desired protein into a cell with vectors, techniques for growing bacteria and yeast to produce a desired protein, cell transformation by electroporation, blue/white screening for selection of a colony with successful transformation with the desired vector, identification of a plasmid with PCR and DNA sequencing, use of enzyme assays to measure protein concentration in solutions, fed-batch yeast fermentation, mammalian cell culture techniques, and analysis of protein expression by Western blot. Lab fee.
Terms Typically Offered: Spring.

## BIOL-404 Neuropharmacology 3 Credits

This course is designed to give students a fundamental understanding of the biochemical bases of behavior as well as the effects of drugs on the central nervous system and behavior. Topics covered include basic principles of neuropharmacology, pharmacokinetics, neurotransmitter systems, neural substrates of drug action, and neuropharmacology of neural disorders.
Prerequisite: BIOL-220
Terms Typically Offered: Fall, even years.

## BIOL-404L Neuropharmacology Laboratory 1 Credit

This laboratory course supports the BIOL-404 lecture and must be taken concurrently.
Prerequisite: BIOL-220, BIOL-220L
Co-Requisite: BIOL-404
Terms Typically Offered: Spring, even years.

## BIOL-405 Bioinformatics 3 Credits

Introduction to bioinformatic resources/methods for biologists. Topics include: biological databases, sequence alignment, gene and protein structure prediction, molecular phylogenetics, genomics and proteomics. Students will gain practical experience with bioinformatics tools and develop basic skills in the collection and presentation of bioinformatics data.
Co-Requisite: BIOL-405L
Terms Typically Offered: Spring.

## BIOL-405L Bioinformatics Laboratory 1 Credit

Introduction to bioinformatic resources/methods for biologists. Topics include: biological databases, sequence alignment, gene and protein structure prediction, molecular phylogenetics, genomics and proteomics. Students will gain practical experience with bioinformatics tools and develop basic skills in the collection and presentation of bioinformatics data. This lab course must be taken concurrently with lecture BIOL-405. Co-Requisite: BIOL-405

## BIOL-406 Research Methods in Neurobiology 3 Credits

This course provides students with an empirically-based research experience in the area of behavioural neurosceince. Students will be using an animal model of addition to study the neural mechanisms behind learning and memory. Students will gain a basic understanding of proper research methodology, memory consolidation, reconsolidation, conditioned place prefereance paradigm, brain anaromy, and pharmacology. Students will have hands-on experience learning various techniques, including animal handling and injection, and behavioral analysis. Terms Typically offered: Spring, even years.
Prerequisite: BIOL-365
Terms Typically Offered: Spring, even years.

## BIOL-432 Neuroscience 3 Credits

The study of the nervous system from the cellular physiology of the neuron to complex structure and function of the central nervous system. Emphasis will be given to the cellular neurophysiology and neuroanatomy. This course will give an excellent foundation for understanding the brain and the nervous system. Students will critically read and discuss the scientific literature and learn to critically evaluate experimental neuroscience. Lecture three hours.
Prerequisite: BIOL-220 and BIOL-204C, BIOL-304, or BIOL-305; or permission of instructor.
Co-Requisite: BIOL-432L
Terms Typically Offered: Spring, odd years.

## BIOL-432L Neuroscience Lab 1 Credit

Laboratory three hours. Lab fee.
Prerequisite: BIOL-220L and BIOL-204CL, BIOL-304L or BIOL-305L; or permission of instructor.
Co-Requisite: BIOL-432
Terms Typically Offered: Spring, odd years.

## BIOL-440 Molecular Biology 3 Credits

The study of the genome in prokaryotes and eukaryotes. Introduction to and an analysis of modern molecular biology techniques are presented including: replication, transcription, translation, genetic engineering, cloning, gene expression, sequencing and genetic analysis. Lecture three hours. Offered in alternate years.
Prerequisite: BIOL-220
Co-Requisite: BIOL-440L
Terms Typically Offered: Fall.

## BIOL-440L Techniques in Molecular Biology 1 Credit

The study of the genome in prokaryotes and eukaryotes. Introduction to and an analysis of modern molecular biology techniques are presented including: genetic engineering, cloning, gene expression, sequencing and genetic analysis. This course prepares the student to develop the following critical skills: independent thinking, lab management, record keeping, and project development. Laboratory three hours. Lab fee. Offered in alternate years.
Prerequisite: BIOL-220
Co-Requisite: BIOL-440
Terms Typically Offered: Fall.
BIOL-450 UG Research or Internship Program 1-4 Credits
This course may be taken for a maximum of four (4) units in one semester. A maximum of six (6) combined units credit for BIOL-450 or BIOL-485 apply to graduation. This course is designed with the purpose of providing students the opportunity to conduct research off-campus at universities or STEM companies in the community. This course promotes early entry into the workplace for the student through part-time employment. This course requires actual work experience be sought in a biotech or STEM-focused business firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned instructor. Students are responsible for completing a project report and presenting their research results in BIOL-499C.
Prerequisite: BIOL-112
Terms Typically Offered: Spring.

## BIOL-451 Immunology 3 Credits

The study of molecular and cell biology of specific and nonspecific immune responses in mammals, with special emphasis on human immune systems. Reviews experimental support for current immunological theories. Roles of immunology in human health and disease will be studied.
Prerequisite: BIOL-220 and BIOL-220L
Co-Requisite: BIOL-451L
Terms Typically Offered: Spring, odd years.

## BIOL-451L Immunology Lab 1 Credit

A laboratory course designed to introduce students to current clinical and research procedures in immunology. Includes techniques, such as ELISA, Immunoprecipitation, cell culture techniques, T cell activation, Western blot, and blood cells recognition. These techniques are utilized in biological, biochemical research and clinical laboratories. Lab fee.
Prerequisite: Prerequisite: BIOL-220 and BIOL-220L
Co-Requisite: Concurrent: BIOL-451
Terms Typically Offered: Spring, odd years.

## BIOL-455 Biology Teaching Internship 1-3 Credits

The student will meet for regular hours each week for classes and/or meetings that are established at the beginning of the semester with the supervising professor. The intern assists an instructor in planning and conducting lecture and/or laboratory sessions and with other assigned teaching related duties. This course may be taken for 1-3 units per semester. May be repeated for a maximum of six units.
Terms Typically Offered: Fall and Spring.

## BIOL-470 Special Topic in Biology 1-4 Credits

Study a special topic in Life Science. May be repeated for credit. May have lab and field trip fees in some cases.
Terms Typically Offered: On Demand.

## BIOL-480 Individual Studies: 1-4 Credits

May be repeated for credit. May have lab fee and field trip fee in some cases.
Terms Typically Offered: On Demand.

## BIOL-485 Undergrad Biological Research 1-4 Credits

This course provides the student with an empirically-based research experience in the biological sciences. Emphasis will be placed on project management, safety, instrumentation, solution preparation, and research documentation skills. This course is a variable credit course. Two units are recommended for all biology majors. It is expected that a research report be completed at the conclusion of the research project and an oral presentation of the results be given in BIOL-499C. This course may be repeated for credit. Lab fee.
Prerequisite: BIOL-112 and BIOL-112L
Terms Typically Offered: On Demand.

## BIOL-488 Biology Senior Project 2 Credits

An advanced course providing the opportunity for a student to create a novel and independent intellectual work by comparing, contrasting and synthesizing recent research and his/her cumulative knowledge and understanding in the biological sciences. The precise nature, scope and format of the project must be developed and approved under the guidance of the instructor and in collaboration with the student's academic advisor. Senior projects are typically initiated in the Fall. The project results must also be presented in BIOL-499C. Lab fee.
Terms Typically Offered: Fall.

## BIOL-499C Capstone Seminar in Biology 2 Credits

This course includes analysis and evaluation of current research in biology and the integration of faith and learning in the biological sciences. An oral presentation of BIOL-485 or BIOL-488 is required. Inclass presentations by faculty and guests are a part of the course. This course fulfills the Core Curriculum Capstone requirement for Biology majors.
Prerequisite: BIOL-485 or BIOL-488
Terms Typically Offered: Spring.

## Biology B.S. Requirements

| CodeTitle Units <br> Core Curriculum Requirements (p. 62) ${ }^{1}$ | 46 |
| :--- | ---: | ---: |
| Major Core Requirements | 75 |
| Total Units | $\mathbf{1 2 1}$ |

## Biology Major Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Lower Division: |  |  |
| BIOL-111 | Principles of Cell and Molecular Biology | 4 |
| \& 111L | and Principles of Biology Lab |  |
| BIOL-112 | Principles of Organismal Biology | 4 |
| \& 112L | and Principles of Organismal Biology Lab |  |
| BIOL-220 | Cell Biology | 4 |
| \& 220L | and Cell Biology Lab | 4 |
| CHEM-120 | General Chemistry I <br> and General Chemistry I Lab | 4 |
| \& 120L | and |  |


| $\begin{aligned} & \text { CHEM-121 } \\ & \& 121 \mathrm{~L} \end{aligned}$ | General Chemistry II and General Chemistry II Lab | 4 |
| :---: | :---: | :---: |
| MATH-180C | Calculus 1 | 4 |
| MATH-265C or MATH-270 | Intro to Statistical Methods <br> Health Professions Statistical Methods | 3 |
| $\begin{aligned} & \text { PSCI-223C } \\ & \& 223 C L \\ & \text { or PSCI-130 } \\ & \& 130 C L \end{aligned}$ | Mechanics of Solids and Fluids and Mechanics of Solids and Fluids Lab Introduction to Physics I and General Physics I Lab | 4 |
| $\begin{aligned} & \text { PSCI-225 } \\ & \& 225 \mathrm{~L} \\ & \text { or PSCI-131 } \\ & \& 131 \mathrm{~L} \end{aligned}$ | Electricity and Magnetism and Electricity and Magnetsm Lab General Physics II and General Physics II Lab | 4 |
| Lower Division Biology Elective (Lecture/Lab) |  | 4 |
| Upper Division: |  |  |
| $\begin{aligned} & \text { BIOL-309 } \\ & \& 309 \mathrm{~L} \end{aligned}$ | Microbiology and Microbiology Laboratory | 4 |
| $\begin{aligned} & \text { BIOL-311 } \\ & \& 311 \mathrm{~L} \end{aligned}$ | Genetics and Genetics Laboratory | 4 |
| $\begin{aligned} & \text { BIOL-315 } \\ & \& 315 \mathrm{~L} \end{aligned}$ | General Ecology and Ecology Field and Lab Practicum | 4 |
| BIOL-485 <br> or BIOL-488 <br> or BIOL-450 <br> or BIOL-406 | Undergrad Biological Research Biology Senior Project UG Research or Internship Program Research Methods in Neurobiology | 2 |
| BIOL-499C | Capstone Seminar in Biology | 2 |
| $\begin{aligned} & \text { CHEM-304 } \\ & \& 304 \text { L } \end{aligned}$ | Organic Chemistry I and Organic Chemistry Techniques I | 4 |
| Select four (4) upper division lecture/lab combinations ${ }^{2}$ |  | 16 |
| Total Units |  | 75 |

1
Number of units required from the Core Curriculum not included in the major requirements below.
2
In consultation with your academic advisor, select four lecture/lab combinations that best align with your career goals. Additional course selections in Chemistry, Environmental Sciences, Engineering Physics and Psychology maybe approved on a case-by-case basis.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Biology.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged
to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| BIOL-111 | Principles of Cell and Molecular Biology | 3 |
| BIOL-111L | Principles of Biology Lab | 1 |
| CHEM-120 | General Chemistry I | 3 |
| CHEM-120L | General Chemistry I Lab | 1 |
| NT-101C | New Testament Survey | 3 |
| ENGL-120C | Persuasive Writing | 3 |
|  | Units | 15 |
| Year 1 Term 2 |  | 3 |
| BIOL-112 | Principles of Organismal Biology | $\mathbf{3}$ |
| BIOL-112L | Principles of Organismal Biology Lab | 1 |
| CHEM-121 | General Chemistry II | 3 |
| CHEM-121L | General Chemistry II Lab | 1 |
| PSYC-103C | Introduction to Psychology | 3 |
| MATH-180C | Calculus 1 | 4 |
|  | Units | $\mathbf{1 5}$ |

## Year 2 Term 1

| BIOL-220 | Cell Biology | 3 |
| :--- | :--- | ---: |
| BIOL-220L | Cell Biology Lab | 1 |
| COMM-201C | Speech Composition and Presentation | 3 |
| THEO-PLHD | Theology Core Requirement | 3 |
| ENGL-220C | Researched Writing | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | $\mathbf{1 6}$ |


| Year $\mathbf{2}$ Term 2 |  |  |
| :--- | :--- | ---: |
| BIOL-PLHD4 | Biology Elective | 4 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| OT-201C | Old Testament Survey | 3 |
| MATH-270C | Health Professions Statistical Methods | 3 |
| BIOL-311 | Genetics | 3 |
| BIOL-311L | Genetics Laboratory | $\mathbf{1}$ |
|  | Units | $\mathbf{1 7}$ |

Year 3 Term 1

| PSCI-PLGP1 | Physics 1 Requirement | 4 |
| :--- | :--- | ---: |
| CHEM-304 | Organic Chemistry I | 3 |
| CHEM-304L | Organic Chemistry Techniques I | 1 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| BIOL-309 | Microbiology | 3 |
| BIOL-309L | Microbiology Laboratory | $\mathbf{1}$ |
|  | Units | $\mathbf{1 5}$ |


| Year 3 Term 2 |  |  |
| :--- | :--- | ---: |
| PSCI-PLGP2 | Physics 2 Requirement | 4 |
| BIOL-315 | General Ecology | 3 |
| BIOL-315L | Ecology Field and Lab Practicum | 1 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| SOC-100C | Introduction to Sociology | 3 |
|  | Units | $\mathbf{1 4}$ |
| Year 4 Term 1 |  |  |
| THEO-300C | Developing a Christian World View |  |
| BIOL-488 | Biology Senior Project | 3 |
| BIOL-PLHD8 | Biology Elective 8 Units | 2 |
|  | Units | 8 |
| Year 4 Term 2 |  | $\mathbf{1 3}$ |
| BIOL-499C | Capstone Seminar in Biology |  |
| CHIS-400C | Christian Heritage | 2 |
| ENGL-230C | Literature and the Human Experience | 3 |
| BIOL-PLHD8 | Biology Elective 8 Units | 3 |
|  | Units | 8 |
|  | Total Units | $\mathbf{1 6}$ |

## Biology B.S. with a Concentration in Biomedical

Requirements

| Code | Title | Units |
| :---: | :---: | :---: |
| Core Curriculum Requirements (p.62) ${ }^{1}$ |  | 43 |
| Biology Major Core Requirements |  | 52 |
| Concentration in Biomedical (p. 186) |  | 29-30 |
| Total Units |  | 124-125 |
| Biology Major Requirements |  |  |
| Code | Title | Units |
| Lower Division: |  |  |
| $\begin{aligned} & \text { BIOL-111 } \\ & \& 111 \mathrm{~L} \end{aligned}$ | Principles of Cell and Molecular Biology and Principles of Biology Lab | 4 |
| $\begin{aligned} & \text { BIOL-112 } \\ & \& 112 \mathrm{~L} \end{aligned}$ | Principles of Organismal Biology and Principles of Organismal Biology Lab | 4 |
| $\begin{aligned} & \text { BIOL-220 } \\ & \& 220 \mathrm{~L} \end{aligned}$ | Cell Biology and Cell Biology Lab | 4 |
| $\begin{aligned} & \text { CHEM-120 } \\ & \& 120 \mathrm{~L} \end{aligned}$ | General Chemistry I and General Chemistry I Lab | 4 |
| $\begin{aligned} & \text { CHEM-121 } \\ & \& 121 \mathrm{~L} \end{aligned}$ | General Chemistry II and General Chemistry II Lab | 4 |
| MATH-180C | Calculus 1 | 4 |
| $\begin{aligned} & \text { PSCI-223C } \\ & \& 223 C L \\ & \text { or PSCI-130 } \\ & \& 130 C L \end{aligned}$ | Mechanics of Solids and Fluids and Mechanics of Solids and Fluids Lab Introduction to Physics I and General Physics I Lab | 4 |
| $\begin{aligned} & \text { PSCI-225 } \\ & \& 225 \mathrm{~L} \end{aligned}$ | Electricity and Magnetism and Electricity and Magnetsm Lab | 4 |


| or PSCI-131 |
| :--- | :--- | ---: |
| \& 131L |$\quad$| General Physics II |
| :--- |
| and General Physics II Lab |
| Lower Division Biology Elective (Lecture/Lab) |
| Upper Division: |
| BIOL-309 |$\quad$| Microbiology |
| :--- |
| \& 309L |$\quad 4$

## Concentration in Biomedical Science

| Code | Title | Units |
| :--- | :--- | ---: |
| BIOL-302 | Comparative Vertebrate Anatomy |  |
| \& 302L | and Comp Vertebrate Anatomy Lab | 4 |
| BIOL-304 | Human Physiology <br> \& 304L | and Human Physiology Lab |
| CHEM-304 | Organic Chemistry I <br> \& 304L | and Organic Chemistry Techniques I <br> CHEM-305 |
| Organic Chemistry II <br> \& 305L | Biochemistry |  |
| CHEM-430 and Experimental Tech/Biochemistry | 4 |  |
| \& 430L | Health Professions Statistical Methods | 4 |
| MATH-270C | Introduction to Psychology ${ }^{2}$ | 4 |
| PSYC-103C | 3 | 4 |
| Select a lecture/laboratory courses from BIOL |  |  |

1
Number of units required from the Core Curriculum not included in the major requirements below.

PSYC-103C Introduction to Psychology is both a program requirement and fulfills a CORE Curriculum requirement.
3
In consultation with your academic advisor, select one lecture/lab combination that best aligns with your career goals. Additional course selections in Kinesiology or Psychology may be approved on a case-bycase basis.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts,

Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Biological Sciences.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | :---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| BIOL-111 | Principles of Cell and Molecular Biology | 3 |
| BIOL-111L | Principles of Biology Lab | 1 |
| CHEM-120 | General Chemistry I | 3 |
| CHEM-120L | General Chemistry I Lab | 1 |
| NT-101C | New Testament Survey | 3 |
| ENGL-120C | Persuasive Writing | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 1 Term 2 |  | 3 |
| :--- | :--- | ---: |
| BIOL-112 | Principles of Organismal Biology | 1 |
| BIOL-112L | Principles of Organismal Biology Lab | 3 |
| CHEM-121 | General Chemistry II | 1 |
| CHEM-121L | General Chemistry II Lab | 3 |
| PSYC-103C | Introduction to Psychology | $\mathbf{4}$ |
| MATH-180C | Calculus 1 | $\mathbf{1 5}$ |


| Year 2 Term 1 |  |  |
| :--- | :--- | :---: |
| BIOL-220 | Cell Biology | 3 |
| BIOL-220L | Cell Biology Lab | 1 |
| CHEM-304 | Organic Chemistry I | 3 |
| CHEM-304L | Organic Chemistry Techniques I | 1 |
| ENGL-220C | Researched Writing | 3 |
| THEO-PLHD | Theology Core Requirement | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | $\mathbf{1 7}$ |


| Year 2 Term 2 |  | 3 |
| :--- | :--- | :--- |
| CHEM-305 | Organic Chemistry II | 1 |
| CHEM-305L | Organic Chemistry Technqs II | 3 |
| OT-201C | Old Testament Survey | 3 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |


| BIOL-311 | Genetics | $\mathbf{3}$ |
| :--- | :--- | ---: |
| BIOL-311L | Genetics Laboratory | $\mathbf{1}$ |
|  | Units | $\mathbf{2 0}$ |


| Year $\mathbf{3}$ Term 1 |  | 3 |
| :--- | :--- | ---: |
| BIOL-302 | Comparative Vertebrate Anatomy | 1 |
| BIOL-302L | Comp Vertebrate Anatomy Lab | 4 |
| PSCI-PLGP1 | Physics 1 Requirement | 3 |
| BIOL-309 | Microbiology | 1 |
| BIOL-309L | Microbiology Laboratory | $\mathbf{3}$ |
| COMM-201C | Speech Composition and Presentation | $\mathbf{1 5}$ |


| Year 3 Term 2 |  |  |
| :--- | :--- | ---: |
| PSCI-PLGP2 | Physics 2 Requirement | 4 |
| BIOL-304 | Human Physiology | 3 |
| BIOL-304L | Human Physiology Lab | 1 |
| BIOL-PLHD4 | Biology Elective | 4 |
| BIOL-485 | Undergrad Biological Research | $\mathbf{1 - 4}$ |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
|  | Units | $\mathbf{1 6 - 1 9}$ |
| Year 4 Term 1 |  |  |
| CHEM-430 | Biochemistry | 3 |
| CHEM-430L | Experimental Tech/Biochemistry | $\mathbf{1}$ |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| BIOL-PLHD4 | Biology Elective | $\mathbf{4}$ |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | $\mathbf{1 7}$ |


| Year 4 Term 2 |  |  |
| :--- | :--- | ---: |
| BIOL-499C | Capstone Seminar in Biology | 2 |
| CHIS-400C | Christian Heritage | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
| BIOL-315 | General Ecology | 3 |
| BIOL-315L | Ecology Field and Lab Practicum | $\mathbf{1}$ |
|  | Units | $\mathbf{1 2}$ |
|  | Total Units | $\mathbf{1 2 7 - 1 \mathbf { 1 2 0 }}$ |

## Biology B.S. with a Concentration in Biotechnology (teach-out)

This program is in teach-out for the 2022-2023 academic year. It has been replaced by the B.S. in Biotechnology major.

## Requirements

| Code $\quad$ Title | Units |
| :--- | ---: |
| Core Curriculum Requirements (https://catalog.vanguard.edu/ | 43 |
| college/core-curriculum/) |  |
| Biology Major Core Requirements | 52 |
| Concentration in Biotechnology (p. 188) | $\mathbf{2 9}$ |
| Total Units | $\mathbf{1 2 4}$ |

Biology Major Core Requirements

| Code | Title | Units |
| :---: | :---: | :---: |
| Lower Division Requirements |  |  |
| $\begin{aligned} & \text { BIOL-111 } \\ & \& 111 \mathrm{~L} \end{aligned}$ | Principles of Cell and Molecular Biology and Principles of Biology Lab | 4 |
| $\begin{aligned} & \text { BIOL-112 } \\ & \& 112 \mathrm{~L} \end{aligned}$ | Principles of Organismal Biology and Principles of Organismal Biology Lab | 4 |
| $\begin{aligned} & \text { BIOL-220 } \\ & \& 220 \mathrm{~L} \end{aligned}$ | Cell Biology and Cell Biology Lab | 4 |
| $\begin{aligned} & \text { CHEM-120 } \\ & \& 120 \mathrm{~L} \end{aligned}$ | General Chemistry I and General Chemistry I Lab | 4 |
| $\begin{aligned} & \text { CHEM-121 } \\ & \& 121 \mathrm{~L} \end{aligned}$ | General Chemistry II and General Chemistry II Lab | 4 |
| MATH-180C | Calculus 1 | 4 |
| $\begin{aligned} & \text { PSCI-223C } \\ & \& 223 C L \\ & \text { or PSCI-130 } \\ & \& 130 C L \end{aligned}$ | Mechanics of Solids and Fluids and Mechanics of Solids and Fluids Lab Introduction to Physics I and General Physics I Lab | 4 |
| $\begin{aligned} & \text { PSCI-225 } \\ & \& 225 \mathrm{~L} \\ & \quad \text { or PSCI-131 } \\ & \& 131 \mathrm{~L} \end{aligned}$ | Electricity and Magnetism and Electricity and Magnetsm Lab General Physics II and General Physics II Lab | 4 |
| Upper Division Requirements |  |  |
| $\begin{aligned} & \text { BIOL-309 } \\ & \& 309 \mathrm{~L} \end{aligned}$ | Microbiology and Microbiology Laboratory | 4 |
| $\begin{aligned} & \text { BIOL-311 } \\ & \& 311 \mathrm{~L} \end{aligned}$ | Genetics and Genetics Laboratory | 4 |
| $\begin{aligned} & \text { CHEM-304 } \\ & \& 304 \mathrm{~L} \end{aligned}$ | Organic Chemistry I and Organic Chemistry Techniques I | 4 |
| $\begin{aligned} & \text { BIOL-485 } \\ & \text { or BIOL-488 } \\ & \text { or BIOL-450 } \end{aligned}$ | Undergrad Biological Research <br> Biology Senior Project <br> UG Research or Internship Program | 2 |
| BIOL-499C | Capstone Seminar in Biology | 2 |
| Select on of the following Ecology Focus courses: |  | 4 |
| $\begin{aligned} & \text { BIOL-315 } \\ & \& 315 \mathrm{~L} \end{aligned}$ | General Ecology and Ecology Field and Lab Practicum |  |
| BIOL-345C | Mountain Field Biology |  |
| BIOL-346C | Desert Field Ecology |  |
| BIOL-348C | Coastal Ecology |  |

Total Units

## Concentration in Biotechnology Science

| Code | Title | Units |
| :--- | :--- | ---: |
| SOC-100C | Introduction to Sociology 1 | 3 |
| BUSN-215 | Principles of Macroeconomics | 3 |
| or BUSN-216 | Principles of Microeconomics |  |
| SOC-369 | Research Design \& Methods |  |
| \& 369L | and Research Design \& Methods Lab | 4 |
| CSCI-100C Introduction to Computer Science <br> \& 100CL and Introduction to Computer Science Lab | 4 |  |
| MATH-265C | Intro to Statistical Methods | 3 |


| $\begin{aligned} & \text { BIOL-405 } \\ & \& 405 \mathrm{~L} \end{aligned}$ | Bioinformatics and Bioinformatics Laboratory | 4 |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { BIOL-440 } \\ & \& 440 \mathrm{~L} \end{aligned}$ | Molecular Biology and Techniques in Molecular Biology | 4 |
| $\begin{aligned} & \text { CHEM-430 } \\ & \& 430 \mathrm{~L} \end{aligned}$ | Biochemistry and Experimental Tech/Biochemistry | 4 |
| Total Units |  | 29 |
| 1 |  |  |
| SOC-100C Introduction to Sociology is both a program requirement and fulfills a CORE Curriculum requirement. |  |  |
| Biology B.S. with a concentration in |  |  |
| Neurobiology |  |  |
| Requirements |  |  |


| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements $(\text { p. 62 })^{1}$ | 43 |
| Biology Major Core Requirements | 53 |
| Concentration in Neurobiology (p. 189) | $\mathbf{2 6 - 2 8}$ |
| Total Units | $\mathbf{1 2 2 - 1 2 4}$ |

## Biology Major Requirements

Code Title Units Lower Division:

| BIOL-111 | Principles of Cell and Molecular Biology |
| :--- | :--- | ---: |
| $\& 111$ L | and Principles of Biology Lab |$\quad 4$

\& 121L and General Chemistry II Lab
MATH-180C Calculus $1 \quad 4$
MATH-270C Health Professions Statistical Methods 3
PSCI-223C Mechanics of Solids and Fluids 4
\& 223CL and Mechanics of Solids and Fluids Lab
or PSCI-130 Introduction to Physics I
\& 130CL and General Physics I Lab
PSCI-225 Electricity and Magnetism
4
\& 225L and Electricity and Magnetsm Lab
or PSCI-131 General Physics II
\& 131L and General Physics II Lab
Upper Division:

| BIOL-309 | Microbiology | 4 |
| :--- | :--- | ---: |
| $\& 309 \mathrm{a}$ | and Microbiology Laboratory | 4 |
| BIOL-311 | Genetics | 4 |
| $\& 311 \mathrm{~L}$ | and Genetics Laboratory | 4 |
| BIOL-315 | General Ecology | 4 |
| $\& 315 \mathrm{~L}$ | and Ecology Field and Lab Practicum |  |


| BIOL-499C | Capstone Seminar in Biology | 2 |
| :--- | :--- | ---: |
| CHEM-304 | Organic Chemistry I | 4 |
| $\& 304$ L | and Organic Chemistry Techniques I |  |

## Total Units

## Concentration in Neurobiology

| Code | Title | Units |
| :---: | :---: | :---: |
| BIOL-353 | Neuropharmacology | 3 |
| BIOL-365 | Neurobiology of Learning and Memory | 3 |
| BIOL-406 | Research Methods in Neurobiology | 3 |
| $\begin{aligned} & \text { BIOL-432 } \\ & \& 432 \mathrm{~L} \end{aligned}$ | Neuroscience and Neuroscience Lab | 4 |
| $\begin{aligned} & \text { BIOL-440 } \\ & \& 440 \mathrm{~L} \end{aligned}$ | Molecular Biology and Techniques in Molecular Biology | 4 |
| PSYC-103C | Introduction to Psychology ${ }^{2}$ | 3 |
| Select two lectur | /lab courses from BIOL, CHEM, or PSYC ${ }^{3}$ | 6-8 |
| $\begin{aligned} & \text { BIOL-204C } \\ & \& 204 \mathrm{CL} \end{aligned}$ | Human Anatomy and Human Anatomy Laboratory |  |
| $\begin{aligned} & \text { BIOL-302 } \\ & \& 302 \mathrm{~L} \end{aligned}$ | Comparative Vertebrate Anatomy and Comp Vertebrate Anatomy Lab |  |
| $\begin{aligned} & \text { BIOL-304 } \\ & \& 304 \mathrm{~L} \end{aligned}$ | Human Physiology and Human Physiology Lab |  |
| BIOL-335 | Biology of Cancer |  |
| BIOL-403 | Biotechnology |  |
| $\begin{aligned} & \text { BIOL-405 } \\ & \& 405 \mathrm{~L} \end{aligned}$ | Bioinformatics and Bioinformatics Laboratory |  |
| $\begin{aligned} & \text { BIOL-451 } \\ & \& 451 \mathrm{~L} \end{aligned}$ | Immunology and Immunology Lab |  |
| $\begin{aligned} & \text { CHEM-305 } \\ & \& 305 \mathrm{~L} \end{aligned}$ | Organic Chemistry II and Organic Chemistry Technqs II |  |
| $\begin{aligned} & \text { CHEM- } 430 \\ & \& 430 \mathrm{~L} \end{aligned}$ | Biochemistry and Experimental Tech/Biochemistry |  |

Total Units 26-28
1
Number of units required from the Core Curriculum not included in the major requirements below.

## 2

PSYC-103C Introduction to Psychology is both a program requirement and fulfills a CORE Curriculum requirement.

3
In consultation with your academic advisor, select one lecture/lab combination that best aligns with your career goals. Additional course selections in Kinesiology, Biology, or Psychology may be approved on a case-by-case basis.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department
the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Biological Sciences.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official for more information regarding how benefits can be applied.

| Course | Title | Units |
| :---: | :---: | :---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| BIOL-111 | Principles of Cell and Molecular Biology | 3 |
| BIOL-111L | Principles of Biology Lab | 1 |
| ENGL-120C | Persuasive Writing | 3 |
| NT-101C | New Testament Survey | 3 |
| CHEM-120 | General Chemistry I | 3 |
| CHEM-120L | General Chemistry I Lab | 1 |
|  | Units | 15 |
| Year 1 Term 2 |  |  |
| BIOL-112 | Principles of Organismal Biology | 3 |
| BIOL-112L | Principles of Organismal Biology Lab | 1 |
| CHEM-121 | General Chemistry II | 3 |
| CHEM-121L | General Chemistry II Lab | 1 |
| PSYC-103C | Introduction to Psychology | 3 |
| MATH-180C | Calculus 1 | 4 |
|  | Units | 15 |
| Year 2 Term 1 |  |  |
| BIOL-220 | Cell Biology | 3 |
| BIOL-220L | Cell Biology Lab | 1 |
| ENGL-220C | Researched Writing | 3 |
| OT-201C | Old Testament Survey | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| CHEM-304 | Organic Chemistry I | 3 |
| CHEM-304L | Organic Chemistry Techniques I | 1 |
|  | Units | 17 |

## Year 2 Term 2

| BIOL-311 | Genetics | 3 |
| :--- | :--- | ---: |
| BIOL-311L | Genetics Laboratory | 1 |
| THEO-PLHD | Theology Core Requirement | 3 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| MATH-270C | Health Professions Statistical Methods | $\mathbf{3}$ |
| BIOL-PLHD4 | Biology Elective | $\mathbf{4}$ |
|  | Units | $\mathbf{1 7}$ |

Year 3 Term 1
PSCI-PLGP1
Physics 1 Requirement

| COMM-201C | Speech Composition and Presentation | 3 |
| :---: | :---: | :---: |
| BIOL-365 | Neurobiology of Learning and Memory | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| BIOL-309 | Microbiology | 3 |
| BIOL-309L | Microbiology Laboratory | 1 |
|  | Units | 17 |
| Year 3 Term 2 |  |  |
| BIOL-PLECO | Ecology Requirement | 4 |
| PSCI-PLGP2 | Physics 2 Requirement | 4 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| BIOL-406 | Research Methods in Neurobiology | 3 |
|  | Units | 14 |
| Year 4 Term 1 |  |  |
| THEO-300C | Developing a Christian World View | 3 |
| BIOL-PLHD4 | Biology Elective | 4 |
| BIOL-404 | Neuropharmacology | 3 |
| BIOL-440 | Molecular Biology | 3 |
| BIOL-440L | Techniques in Molecular Biology | 1 |
|  | Units | 14 |
| Year 4 Term 2 |  |  |
| CHIS-400C | Christian Heritage | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
| BIOL-432 | Neuroscience | 3 |
| BIOL-432L | Neuroscience Lab | 1 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| BIOL-499C | Capstone Seminar in Biology | 2 |
|  | Units | 15 |
|  | Total Units | 124 |

## Biology B.S. with an Education Minor (VISTA)

## Requirements

Students seeking the Bachelor of Science degree in Biology Teacher Education with a minor in Education must complete the Lower and Upper Division core requirements and the following courses. This program is associated with the Integrated Teacher Education Program (ITEP/VISTA)

| Code $\quad$ Title | Units |
| :--- | ---: |
| Core Curriculum Requirements (p. 62) |  |${ }^{1}$ 45

## Biology Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Lower Division Requirements: |  |  |
| BIOL-111 | Principles of Cell and Molecular Biology | 4 |
| $\& 111 \mathrm{~L}$ | and Principles of Biology Lab |  |


| $\begin{aligned} & \text { BIOL-112 } \\ & \& 112 \mathrm{~L} \end{aligned}$ | Principles of Organismal Biology and Principles of Organismal Biology Lab | 4 |
| :---: | :---: | :---: |
| BIOL-220 | Cell Biology | 3 |
| $\begin{aligned} & \text { CHEM-120 } \\ & \& 120 \mathrm{~L} \end{aligned}$ | General Chemistry I and General Chemistry I Lab | 4 |
| $\begin{aligned} & \text { CHEM-121 } \\ & \& 121 \mathrm{~L} \end{aligned}$ | General Chemistry II and General Chemistry II Lab | 4 |
| MATH-180C | Calculus 1 | 4 |
| $\begin{aligned} & \text { PSCI-223C } \\ & \& 223 C L \\ & \text { or PSCI-130 } \\ & \& 130 \mathrm{CL} \end{aligned}$ | Mechanics of Solids and Fluids and Mechanics of Solids and Fluids Lab Introduction to Physics I and General Physics I Lab | 4 |
| $\begin{aligned} & \text { PSCI-225 } \\ & \& 225 \mathrm{~L} \\ & \quad \text { or PSCI-131 } \\ & \& 131 \mathrm{~L} \end{aligned}$ | Electricity and Magnetism and Electricity and Magnetsm Lab General Physics II and General Physics II Lab | 4 |
| Upper Division Requirements: |  |  |
| $\begin{aligned} & \text { BIOL-309 } \\ & \& 309 \mathrm{~L} \end{aligned}$ | Microbiology and Microbiology Laboratory | 4 |
| $\begin{aligned} & \text { BIOL-311 } \\ & \& 311 \mathrm{~L} \end{aligned}$ | Genetics and Genetics Laboratory | 4 |
| $\begin{aligned} & \text { CHEM-304 } \\ & \& 304 \mathrm{~L} \end{aligned}$ | Organic Chemistry I and Organic Chemistry Techniques I | 4 |
| $\begin{aligned} & \text { BIOL-485 } \\ & \text { or BIOL-488 } \\ & \text { or BIOL-450 } \end{aligned}$ | Undergrad Biological Research <br> Biology Senior Project <br> UG Research or Internship Program | 2 |
| BIOL-499C | Capstone Seminar in Biology | 2 |
| Select one of the following Ecology Focus courses: |  | 4 |
| $\begin{aligned} & \text { BIOL-315 } \\ & \& 315 \mathrm{~L} \end{aligned}$ | General Ecology and Ecology Field and Lab Practicum |  |
| BIOL-345C | Mountain Field Biology |  |
| BIOL-346C | Desert Field Ecology |  |
| BIOL-348C | Coastal Ecology |  |
| Total Units |  | 51 |

## Integrated Teacher Education Program Requirements

Code Title Units

## Requirements:

MATH-265C Intro to Statistical Methods 3
or MATH-270C Health Professions Statistical Methods
POLS-155C American Democracy 3
ENGL-453 Language, Culture, and Linguistics 3
Electives
Select one lecture/laboratory combination from BIOL 4
Credentialing Coursework:

| EDUC-424 | Foundations in Teaching for Single Subject | 2 |
| :--- | :--- | :---: |
| EDUC-426 | Instructional Design and Subject Specific <br>  <br>  <br> Pedagogy for Single Subject | 4 |
| EDUC-434 | Curriculum Unit Planning for Single Subject | 2 |
| EDU5 | Supervised Fieldwork for Single Subject | 4 |


| EDUC-442 | CalTPA Cycle 1 | 0.5 |
| :--- | :--- | ---: |
| EDUC-443 | CalTPA Cycle 2 | 0.5 |
| EDUC-444 | Language Acquisition for Secondary Students | 1 |
| EDUC-447 | Metacognition/Reading Strategies for Secondary | 1 |
|  | Students |  |
| EDUC-452 | Literacy in Content Areas for Secondary Students | 1 |
| EDUC-464 | Use of Technology in the Classroom | 1 |
| EDUC-488 | Clinical Practice Seminar for Single Subject | 2 |
| EDUC-489 | Clinical Practice Fieldwork for Single Subject | 8 |
| Total Units |  | $\mathbf{4 0}$ |

## 1

Number of units required from the Core Curriculum not included in the major requirements below.

2
POLS-155C American Democracy is both a CTC Credential requirement and fulfills a CORE Curriculum requirement.
3
In consultation with your academic advisor, select one lecture/lab combination that best aligns with your career goals. Additional course selections in Chemistry, Education, Environmental Sciences, Kinesiology, Mathematics, or Psychology may be approved on a case-by-case basis.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Biological Sciences.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| BIOL-111 | Principles of Cell and Molecular Biology | 3 |
| BIOL-111L | Principles of Biology Lab | 1 |
| CHEM-120 | General Chemistry I | 3 |
| CHEM-120L | General Chemistry I Lab | 1 |
| NT-101C | New Testament Survey | 3 |
| MATH-180C | Calculus 1 | 4 |


| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| :--- | :--- | ---: |
| Year 1 Term 2 | Units | $\mathbf{1 9}$ |
| BIOL-112 | Principles of Organismal Biology | 3 |
| BIOL-112L | Principles of Organismal Biology Lab | 1 |
| CHEM-121 | General Chemistry II | 3 |
| CHEM-121L | General Chemistry II Lab | 1 |
| POLS-155C | American Democracy | 3 |
| PSYC-103C | Introduction to Psychology | 3 |
| OT-201C | Old Testament Survey | 3 |
|  | Units | $\mathbf{1 7}$ |

Year 2 Term 1

| BIOL-220 | Cell Biology | 3 |
| :--- | :--- | ---: |
| BIOL-220L | Cell Biology Lab | 1 |
| ENGL-120C | Persuasive Writing | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| THEO-101C | Foundations of Christian Life | 3 |
|  | Units | $\mathbf{1 6}$ |

Year 2 Term 2

| COMM-201C | Speech Composition and Presentation | 3 |
| :--- | :--- | ---: |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| ANTH-453 | Language,Culture/Linguistics | 3 |
| BIOL-311 | Genetics | 3 |
| BIOL-311L | Genetics Laboratory | 1 |
|  | Units | $\mathbf{1 6}$ |

Year 3 Term 1

| PSCI-PLGP1 | Physics 1 Requirement | 4 |
| :--- | :--- | ---: |
| CHEM-304 | Organic Chemistry I | 3 |
| CHEM-304L | Organic Chemistry Techniques I | 1 |
| ENGL-220C | Researched Writing | 3 |
| EDUC-315 | Teaching in a Multicultural Setting | 3 |
| BIOL-309 | Microbiology | 3 |
| BIOL-309L | Microbiology Laboratory | 1 |
| BIOL-450 | UG Research or Internship Program | $\mathbf{1 - 4}$ |
|  | Units | $\mathbf{1 9 - 2 2}$ |

Year 3 Term 2

| PSCI-PLGP2 | Physics 2 Requirement | 4 |
| :--- | :--- | ---: |
| BIOL-PLHD4 | Biology Elective | 4 |
| BIOL-PLECO | Ecology Requirement | 4 |
| ENGL-230C | Literature and the Human Experience | 3 |
| CHIS-400C | Christian Heritage | 3 |
|  | Units | $\mathbf{1 8}$ |

## Year 4 Term 1

| EDUC-424 | Foundations in Teaching for Single Subject | 2 |
| :--- | :--- | :--- |
| EDUC-426 | Instructional Design and Subject Specific <br> Pedagogy for Single Subject | 4 |
| EDUC-435 | Supervised Fieldwork for Single Subject | 4 |


| EDUC-444 | Language Acquisition for Secondary | 1 |
| :--- | :--- | ---: |
|  | Students | 1 |
| EDUC-447 | Metacognition/Reading Strategies for <br> Secondary Students | 1 |
| EDUC-452 | Literacy in Content Areas for Secondary <br>  <br> Students | 1 |
| EDUC-464 | Use of Technology in the Classroom | 0.5 |
| EDUC-442 | CalTPA Cycle 1 | $\mathbf{1 4 . 5}$ |
|  | Units | 2 |
| Year 4 Term 2 |  | 2 |
| BIOL-499C | Capstone Seminar in Biology | 2 |
| EDUC-434 | Curriculum Unit Planning for Single Subject | 2 |
| EDUC-488 | Clinical Practice Seminar for Single Subject | 2 |
| EDUC-489 | Clinical Practice Fieldwork for Single | 8 |
|  | Subject | 0.5 |
| EDUC-443 | CalTPA Cycle 2 | $\mathbf{1 4 . 5}$ |
|  | Units | $\mathbf{1 3 4 - 1 3 7}$ |

## Biology Minor

 RequirementsA minor in Biology comprised of 19-20 credits of Biology (BIOL) courses with a minimum of 12 credits taken at Vanguard.

| Code | Title | Units |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { BIOL-111 } \\ & \& 111 \mathrm{~L} \end{aligned}$ | Principles of Cell and Molecular Biology and Principles of Biology Lab ${ }^{1}$ | 4 |
| $\begin{aligned} & \text { BIOL-112 } \\ & \& 112 \mathrm{~L} \end{aligned}$ | Principles of Organismal Biology and Principles of Organismal Biology Lab | 4 |
| Electives |  |  |
| Select three lectur | e/laboratory courses from $\mathrm{BIOL}^{2}$ | 11-12 |
| $\begin{aligned} & \text { BIOL-204C } \\ & \& 204 \mathrm{CL} \end{aligned}$ | Human Anatomy and Human Anatomy Laboratory |  |
| BIOL-220 $\& 220 \mathrm{~L}$ | Cell Biology and Cell Biology Lab |  |
| BIOL-304 \& 304L | Human Physiology and Human Physiology Lab |  |
| $\begin{aligned} & \text { BIOL-309 } \\ & \& 309 \mathrm{~L} \\ & \quad \text { or BIOL-209 } \\ & \& 209 \mathrm{~L} \end{aligned}$ | Microbiology and Microbiology Laboratory <br> Principles of Microbiology and Principles of Microbiology Lab |  |
| BIOL-315 <br> \& 315L | General Ecology and Ecology Field and Lab Practicum |  |
| BIOL-335 | Biology of Cancer |  |
| BIOL-345C | Mountain Field Biology |  |
| BIOL-346C | Desert Field Ecology |  |
| BIOL-348C | Coastal Ecology |  |
| BIOL-365 | Neurobiology of Learning and Memory |  |
| BIOL-365L | Neurobiology of Learning/Memory Lab |  |
| BIOL-404 | Neuropharmacology |  |


| BIOL-432 | Neuroscience |
| :--- | :--- |
| $\& 432 \mathrm{~L}$ | and Neuroscience Lab |

Total Units
19-20
1
BIOL-100C Fundamentals of Biology for Non-Majors may not be taken in addition to BIOL-111 Principles of Cell and Molecular Biology to fulfill the Biology Minor Requirements.
2
In consultation with your academic advisor, select five lecture/lab combinations that best align with your career goals. Additional course selections in Biology or a related-field maybe approved on a case-by-case basis

## Department of Chemistry and Environmental Science

Mission: The Department of Chemistry and Environmental Science seeks to provide the training and Christian environment to prepare students for careers in elementary and secondary education, to provide the background in chemistry necessary for other areas of study such as biology and to prepare students for professional programs in such areas as dentistry, pharmacy, optometry, medicine, veterinary medicine, nursing, and physical therapy, and to prepare students for graduate studies in chemistry.

The Chemistry and Environmental Department houses both chemistry and physics disciplines as a part of the College and serves not only chemistry but also other allied disciplines within the undergraduate program. There are three degrees available within the Chemistry and Environmental Department: a Bachelor of Science (B.S.) in Chemistry, a Bachelor of Science (B.S.) in Biochemistry and a Bachelor of Science (B.S.) in Environmental Sciences. All majors in Natural and Physical Sciences are expected to make satisfactory academic progress toward graduation. In addition to the requirements established by the University, students must maintain a 2.0 in all major coursework. Further, the Department also requires a minimum grade of C - as completion for prerequisites in science-related coursework for all students enrolled in MATH, BIOL, ENVR, CHEM, and PSCI courses, regardless of major.

The B.S. program provides undergraduate preparation for technical employment or post-baccalaureate study in graduate school or for professions such as medicine, and other health professions and natural resource management. A Chemistry major considering graduate or professional school should confer with a Chemistry advisor to plan a program to meet the student's needs and assure entrance into such a school. An Environmental Sciences major considering graduate or engineering school should also confer with a faculty advisor to plan a program to meet the student's needs and assure entrance into such a school.

## VISTA: Chemistry Education Minor Courses

The Vanguard Integrated STEM Teacher Achievement Program (VISTA) is one of several Integrated Teaching Education Programs (ITEP) offered at Vanguard. The ITEP program allows for students to complete not only their bachelor's degree but also the California Teaching Credential within four years. This is a great option for students preparing to teach
chemistry at the secondary school level. The Bachelor of Science in Chemistry or Biochemistry degree with this option is pending approval by the California Commission on Teacher Credentialing. Completion of this option will satisfy the subject matter requirement for the Single Subject Teaching Credential in Chemistry within 4 years. Students wishing to graduate on a four-year plan are still eligible to enroll in the fifth year credential program at Vanguard University or some other accredited college or university to complete subject requirements for the California Clear Teaching Credential in Chemistry (see the Graduate Program in Education for these requirements). Students completing this option must take CHEM-120 General Chemistry I, CHEM-121 General Chemistry II, CHEM-304 Organic Chemistry I, CHEM-430 Biochemistry, and PSCI-225 Electricity and Magnetism. They should also take EDUC-315 Teaching in a Multicultural Setting, ENGL-453 Language, Culture, and Linguistics and POLS-155C American Democracy (see requirements tab).

Students must fulfill the core requirements and the requirements for one of the four specific degrees offered.

## Program Learning Outcomes Student Learning Outcomes

VUSC Chemistry graduates should have:

1. Demonstrated an understanding of the major concepts, theories, and experimental evidence of and the ability to solve problems in: Analytical Chemistry, Biological Chemistry, General Chemistry, Organic Chemistry, and Physical Chemistry.
2. Demonstrated competence in practical laboratory-based aspects of chemistry, including: basic laboratory skills, selection and use of modern instruments, proper standardization and calibration practices, and computer-based data acquisition.
3. Developed critical thinking skills and problem-solving approaches using scientific methods to: identify the relevant factors which define problems, develop and evaluate methods, employ appropriate statistical analysis and instrumentation, and draw reasonable conclusions.
4. Identified the principles in the American Chemical Society Ethics Code, recognized ethical components in complex situations, designed solutions appropriate to professional standards, and practiced science in a safe manner.
5. Demonstrated comprehension of chemical literature and the ability to communicate professionally about chemistry through writing in an accepted scientific format and orally in a public venue.
6. Acquired familiarity with the process of chemical research through the formal participation in an undergraduate research project that involved: project management, methods development, data analysis, and written contribution to the discipline in the form of a presentation or publication.

Students must fulfill the core requirements and the requirements for one of the three specific degrees offered.

## Programs <br> Majors:

- Biochemistry B.S. (p. 198)
- Chemistry B.S. (p. 200)
- Chemistry B.S. with an Education Minor (VISTA) (p. 201)
- Environmental Sciences B.S. (p. 203)


## Minors:

- Chemistry Minor (p. 203)


## Courses <br> Chemistry

## CHEM-112C Fundamentals of General, Organic, and Biochemistry I 3

## Credits

An introduction to the study of matter and properties. The course surveys in one semester chemical topics such as: atomic theory, periodic trends, measurements and stoichiometry, chemical reactions, reduction and oxidation chemistry, chemical equilibrium, nuclear chemistry acids and bases. This course is designed for students who need a refresher in general chemistry. It also serves as an excellent introductory course for students in the health sciences or as a general science for non-majors. Course fulfills Core education laboratory science requirement. Lecture three hours.
Co-Requisite: Concurrent: CHEM-112CL
Terms Typically Offered: On Demand.
CHEM-112CL Fundamentals of General, Organic, and Biochemistry I

## Lab 1 Credit

A complementary laboratory course to CHEM-112C emphasizing the study of matter and properties. This hands-on course teaches basic techniques used in the chemistry lab. Sample experiments include: separation of compounds, chemical precipitation reactions, oxidationreduction reactions, household chemical qualitative analysis. Laboratory three hours. Lab fee.
Co-Requisite: Concurrent: CHEM-112C
Terms Typically Offered: On Demand.

## CHEM-113 Fundamentals of General, Organic, and Biochemistry I 3

 CreditsA continuation of the study of matter and its properties. This course explores the following areas of chemistry: Organic Chemistry and Biochemistry. Topics such as: organic functional groups, basic organic reactions, biomolecular structure, metabolism, protein synthesis, and instrumentation will be covered. This course is designed for students in the health sciences, liberal studies, or as a general science for nonmajors. Lecture three hours.
Prerequisite: CHEM-112C or permission of instructor.
Terms Typically Offered: On Demand.

## CHEM-113L Fundamentals of General, Organic, and Biochemistry II Lab 1 Credit <br> A complementary laboratory course for CHEM 113. This course implements the following experiments: organic synthesis of aspirin or other analgesics, synthesis of esters, separation of compounds using chromatographic techniques, synthesis of organic dyes, combustion of carbohydrates, analysis of proteins and DNA. This course is designed for students in the health sciences, liberal studies, or as a general science for non-majors. Laboratory three hours. Lab fee. <br> Prerequisite: CHEM-112CL or permission of instructor. <br> Co-Requisite: CHEM-113 <br> Terms Typically Offered: On Demand.

## CHEM-120 General Chemistry I 3 Credits

Fundamental concepts including chemical reactions, stoichiometry, atomic structure, chemical bonding, changes in state, and the periodic table. Should students not be prepared to succeed in chemistry, it is recommended that students enroll in CHEM-112C and CHEM-112CL. After successful completion of CHEM-112C and CHEM-112CL, the student can re-enter. Three hours lecture per week.
Co-Requisite: CHEM-120L
Pre- or Co-Requisite: CHEM-112C, CHEM-210C or passing score on the ChemistryPlacement Exam.
Terms Typically Offered: Fall and Spring.

## CHEM-120L General Chemistry I Lab 1 Credit

Students will learn introductory laboratory techniques such as observation, measurement, separations, and identification of reactions. Experiments will involve concepts including: atomic structure, chemical bonding, changes in state, periodic table, oxidation, kinetics, equilibrium, thermodynamics, and electrochemistry. One 4-hour laboratory session per week. Lab fee.
Prerequisite: CHEM-112CL or CHEM-210CL
Co-Requisite: CHEM-120
Terms Typically Offered: Fall and Spring.

## CHEM-121 General Chemistry II 3 Credits

Fundamental concepts including kinetics, equilibrium, thermodynamics, and electrochemistry. Special topics will include nuclear chemistry, transition metal periodicity and coordination compounds. Three hours lecture per week.
Prerequisite: CHEM-120
Co-Requisite: CHEM-121L
Terms Typically Offered: Fall, Spring, and Summer.

## CHEM-121L General Chemistry II Lab 1 Credit

Students will continue their introduction to laboratory techniques including gravimetric and volumetric analysis, neutralization, and catalysis. Experiments will involve the concepts including: atomic structure, chemical bonding, changes in state, periodic table, oxidation, kinetics, equilibrium, thermodynamics, and electrochemistry. One 4-hour laboratory session per week. Lab fee.
Prerequisite: CHEM-120L
Co-Requisite: CHEM-121
Terms Typically Offered: Fall, Spring, and Summer.

## CHEM-210 Integrated Chemistry 4 Credits

This course is designed to give beginning students who have not had prior exposure to chemistry a basic overview in general, organic, and biochemistry. The following topics will be surveyed: matter and energy, atomic theory, stoichiometry, nomenclature, the periodic table, atomic structure, gas liquid and solid states, solutions, nuclear chemistry, functional groups, alkanes, alkenes, alcohols, ethers, aldehydes, ketones, amines, carboxylic acids, lipids, carbohydrates, amino acids, proteins, nucleic acids, metabolism and respiration, photosynthesis, transcription, translation, kinetics, and DNA replication. Upon completion of this integrated chemistry course, the student will have an understanding of basic principles paramount to the study of chemistry, a proficiency with stoichiometry (as it relates to the nursing discipline), writing and interpreting chemical formulas, DNA replication, transcription and translation. In addition, the student should develop an appreciation for the importance of chemistry in other disciplines. (Meets Chemistry requirement for RN to BSN students; meets Science/Lab requirement for Professional Studies students). (School for Professional Studies Course). Terms Typically Offered: Fall and Spring.

## CHEM-210C Integrated Chemistry 4 Credits

This course is designed to give beginning students who have not had prior exposure to chemistry a basic overview in general, organic, and biochemistry. The following topics will be surveyed: matter and energy, atomic theory, stoichiometry, nomenclature, the periodic table, atomic structure, gas liquid and solid states, solutions, nuclear chemistry, functional groups, alkanes, alkenes, alcohols, ethers, aldehydes, ketones, amines, carboxylic acids, lipids, carbohydrates, amino acids, proteins, nucleic acids, metabolism and respiration, photosynthesis, transcription, translation, kinetics, and DNA replication. Upon completion of this integrated chemistry course, the student will have an understanding of basic principles paramount to the study of chemistry, a proficiency with stoichiometry (as it relates to the nursing discipline), writing and interpreting chemical formulas, DNA replication, transcription and translation. In addition, the student should develop an appreciation for the importance of chemistry in other disciplines. Meets the CORE Science Requirement for the traditional undergraduate student when taken with CHEM-201CL.
Co-Requisite: CHEM-210CL
Terms Typically Offered: Fall and Spring.

## CHEM-210CL Integrated Chemistry Laboratory 1 Credit

A complementary laboratory course to CHEM-210C emphasizing the study of matter and properties. This hands-on course teaches basic techniques used in the chemistry lab. Sample experiments include: separation of compounds, chemical precipitation reactions, oxidationreduction reactions, household chemical qualitive analysis. Further, the organic synthesis of aspirin or other analgesics, synthesis of esters, separation of compounds using chromatographic techniques, synthesis of organic dyes, combustion of carbohydrates, analysis of proteins and DNA are performed. This course is designed for students in the health sciences, liberal studies or as a general science for non-majors. This course fulfills the LAB CORE science requirement. Laboratory three hours. Lab fee.
Co-Requisite: CHEM-210
Terms Typically Offered: Fall and Spring.

## CHEM-212 Teaching Chemistry I 2 Credits

This course will cover the design of chemistry laboratory experiments to demonstrate and foster the understanding of important chemical principles. Students will both design experiments and analyze experiments from a standard experimental text to determine which principles the experiment is designed to demonstrate. Particular attention will be paid to issues of safety both in the execution of an experiment and in the determination of its suitability for student involvement. In addition to three hours of lab per week, three mandatory visitations to a 6th-12th grade chemistry class per semester (at a public school) will be required. The students will provide oral and written reports on their experiences in the field visitations. Two semester sequence. Lab fee.
Prerequisite: CHEM-121 and CHEM-121L
Co-Requisite: EDUC-315
Terms Typically Offered: On Demand.

## CHEM-214 Teaching Chemistry II 2 Credits

This course will cover the design of chemistry laboratory experiments to demonstrate and foster the understanding of important chemical principles. Students will both design experiments and analyze experiments from a standard experimental text to determine which principles the experiment is designed to demonstrate. Particular attention will be paid to issues of safety both in the execution of an experiment and in the determination of its suitability for student involvement. In addition to three hours of lab per week, three mandatory visitations to a 6th-12th grade chemistry class per semester (at a public school) will be required. The students will provide oral and written reports on their experiences in the field visitations. Two semester sequence. Lab fee.
Prerequisite: CHEM-121 and CHEM-121L
Co-Requisite: EDUC-315
Terms Typically Offered: On Demand.

## CHEM-252 Analytical Chemistry 3 Credits

The theory of and techniques for calculations pertaining to classical gravimetric and volumetric methods, theory and techniques of
separation, and an introduction to instrumental methods. Three hours lecture per week. Offered in alternate years.
Prerequisite: CHEM-120
Co-Requisite: CHEM-252L
Terms Typically Offered: Fall, even years.

## CHEM-252L Analytical Chem Techniques 1 Credit

Laboratory experiments in classical gravimetric and volumetric methods, techniques of separation, and an introduction to instrumental methods. One four-hour laboratory session per week. Lab fee. Offered in alternate years.
Prerequisite: CHEM-120L
Co-Requisite: CHEM-252
Terms Typically Offered: Fall, even years.

## CHEM-304 Organic Chemistry I 3 Credits

This course is designed to introduce students to organic chemistry. The following topics will be covered: bonding and atomic theory, nomenclature, stereochemistry, functional groups, substitution reactions, elimination reactions, and both electrophilic addition and aromatic substitution reactions. Students will develop a mastery of organic functional groups and nomenclature, an understanding of basic organic reaction mechanisms, a familiarity with common organic reactions, and an appreciation for the importance of organic chemistry in other disciplines. The student will be prepared to continue their education in organic chemistry in the sequential course (CHEM-305). Three hours of lecture per week.
Prerequisite: CHEM-121
Co-Requisite: CHEM-304L
Terms Typically Offered: Fall and Summer.

## CHEM-304L Organic Chemistry Techniques I 1 Credit

This is the complementary laboratory course for CHEM-304. This course is designed to develop basic skills and techniques for practical application of the general principles of organic chemistry. The development of a safe approach to lab experimentation will be stressed. Four-hour laboratory session per week. Lab fee.
Prerequisite: CHEM-121L
Co-Requisite: CHEM-304
Terms Typically Offered: Fall and Summer.

## CHEM-305 Organic Chemistry II 3 Credits

This course is designed as a continuation of the study of organic chemistry. Students will be introduced to various topics in organic chemistry including: organic oxidations and reductions, carbonyl chemistry, amines, carboxylic acids and their derivatives, organic mechanisms and various biological molecules and building blocks. Three hours of lecture per week.
Prerequisite: CHEM-304 and CHEM-304L
Co-Requisite: CHEM-305L
Terms Typically Offered: Spring and Summer.

## CHEM-305L Organic Chemistry Technqs II 1 Credit

This is the complementary laboratory course for CHEM-305. This course is designed to develop basic skills and techniques for practical application of the general principles of organic chemistry including identification of unknowns and multi-step synthesis. The development of a safe approach to lab experimentation will be stressed. Four-hour laboratory session per week. Lab fee.
Prerequisite: CHEM-304 and CHEM-304L
Co-Requisite: CHEM-305
Terms Typically Offered: Spring and Summer.

## CHEM-309 Literature and Spectroscopy 2 Credits

This course is designed for transfer students who have previously taken Organic Chemistry 1 and 2 at other institutions. This course introduces basic spectroscopic techniques of organic chemistry and biochemistry: IR, 1D and 2D NMR spectrometry, and MS with some discussion of UV/ visible spectrophotometry. Collection and multi-spectral identification of organic compounds is emphasized. Additionally this course includes a survey of chemical literature and methods of its use with emphasis on locating specific chemical information in primary and secondary literature. One hour of lecture and two hours of lab per week. Lab Fee. Prerequisite: CHEM-304 and CHEM-304L
Terms Typically Offered: On Demand.

## CHEM-325 History \& Philosophy of Science 3 Credits

Study of selected topics in the history and philosophy of science and the application of these principles in analyzing contemporary scientific trends. Especially recommended for liberal studies majors and those planning to teach physical or biological sciences in secondary schools. Three hours of lecture per week.
Prerequisite: BIOL-121 or BIOL-131; CHEM-121; and PSYCI-223C,
PSCI-225, orequivalent.
Terms Typically Offered: On Demand.

## CHEM-430 Biochemistry 3 Credits

This course covers topics at the interface of chemistry and biology with a focus on problems where chemistry has made a particularly strong contribution to the understanding of biological system mechanisms. The chemical reactions important to biology - and the enzymes that catalyze these reactions - are discussed in an integrated format. Topics include: the chemistry and biosynthesis of carbohydrates, proteins and nucleic acids; protein folding; enzyme catalysis; bioenergetics; key reactions of synthesis and catabolism; and chemical aspects of signal transduction. An appreciation for the increasing importance of biochemistry in the chemical sciences will be cultivated. Three hours of lecture per week. Offered in alternate years.
Prerequisite: CHEM-305 and CHEM-305L
Co-Requisite: CHEM-430L
Terms Typically Offered: Fall.

## CHEM-430L Experimental Tech/Biochemistry 1 Credit

This is the complementary laboratory course for CHEM-430. This course is designed to enhance the basic skills and techniques learned in the previous foundational experimental chemistry courses. This course focuses on modern biochemical techniques including the operation of chromatographic and spectroscopic instruments used in the practical application biological chemistry. The development of a safe approach to lab experimentation will be stressed. Four-hour laboratory session per week. Lab fee. Offered in alternate years.
Prerequisite: CHEM-305 and CHEM-305L
Co-Requisite: CHEM-430
Terms Typically Offered: Fall.

## CHEM-435 Advanced Biochemistry 3 Credits

Advanced Biochemistry provides an in depth view of biosynthesis, the biochemistry of muscle action, hormones and their function, active transport, organ interrelationship in metabolism, oncology, the structure of genetic material and replication and expression of DNA. Other topics of interest may be covered. Three hours of lecture per week. Offered in alternate years. Two hours of lecture plus an additional $\sim 6$ hours of online assignments per week.
Prerequisite: CHEM-430
Terms Typically Offered: Spring.

## CHEM-440 Instrumental Analysis 2 Credits

An introduction to modern instrumental chemical analysis. The course will span theory of operation, instrument design and methodology, and applications of instrumental techniques. Electrochemical methods including potentiometry, voltammetry, and coulometry; spectroscopic methods including infrared, UV-Vis, and NMR; chromatographic methods including gas, liquid and thin layer; and thermal methods of analysis and kinetic methods of analysis will be covered.
Prerequisite: CHEM-252
Terms Typically Offered: Fall, odd years.

CHEM-440L Instrumental Analysis Lab 2 Credits
Prerequisite: CHEM-252L
Co-Requisite: CHEM-440
Terms Typically Offered: Fall, odd years.
CHEM-450 UG Research Or Internship Program 1-4 Credits
Prerequisite: Open to juniors and seniors. This course may be taken for a maximum of 4 units in one semester. A maximum of 6 combined units credit for CHEM-450 or CHEM-485 apply to graduation. This course is designed with the purpose of providing students the opportunity to conduct research off-campus at universities or STEM companies in the community. This course promotes early entry into the workplace for the student through part-time employment. This course requires actual work experience be sought in a biotech or STEM-focused business firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned instructor. Students are responsible for completing a project report and presenting their research results in CHEM-499C.
Prerequisite: CHEM-121
Terms Typically Offered: Fall and Summer.

## CHEM-455 Chemistry Teaching Internship 1-3 Credits

Regular hours each week for classes and/or meetings are established at the beginning of the semester. The intern assists an instructor in planning and conducting a course, and/or laboratory sessions. This course may be taken for 1-3 units per semester. May be repeated for a maximum of six units.
Terms Typically Offered: Fall and Spring.
CHEM-456 Physical Chemistry: Thermodynamics 2 Credits
Laws, principles and concepts of chemistry concerning the properties of gases, the laws of thermodynamics, the theory and equations of phase changes in both pure and mixed substances, chemical equilibrium, equilibrium electrochemistry. Two hours lecture per week. Offered in alternate years.
Prerequisite: CHEM-121, MATH-181; MATH-281 preferred.
Terms Typically Offered: Fall, odd years.
CHEM-456L Physical Chemistry Technique Lab 1-2 Credits
Prerequisite: CHEM-252 and CHEM-252L
Terms Typically Offered: Spring, even years.
CHEM-457 Physical Chemistry: Kinetics 2 Credits
Laws, principles and concepts of chemistry concerning molecular motion and diffusion, both classical and molecular chemical kinetics, and introductory statistical mechanics. Two hours lecture per week. Offered in alternate years.
Prerequisite: CHEM-121, Math-181; MATH-281 preferred.
Terms Typically Offered: Spring, even years.
CHEM-458 Physical Chemistry: Quantum Mechanics 2 Credits
Laws, principles, and concepts of chemistry concerning: quantum mechanics; quantum properties of atoms and molecules; symmetry of molecules; rotational, vibrational, electronic, and magnetic (nuclear) spectroscopy and introductory statistical mechanics. Two hours lecture per week. Offered in alternate years.
Prerequisite: CHEM-457, MATH-281
Terms Typically Offered: Spring, even years.

CHEM-470 Special Topic: 1-4 Credits
Study in a special topic in chemistry. May be repeated for credit. May have a lab fee. Topics may include advanced inorganic chemistry, rates and mechanisms in organic chemistry, synthetic methods in organic chemistry, or other advanced topics.
Terms Typically Offered: On Demand.
CHEM-480 Individual Studies: 1-4 Credits
Terms Typically Offered: On Demand.

## CHEM-485 Undergraduate Research 1-4 Credits

Problems in advanced laboratory research with emphasis on research techniques. Research is carried out under the supervision of the instructor with weekly conferences to discuss results and direction. Emphasis will be placed on project management, safety, instrumentation, solution preparation, and research documentation skills. A written proposal and report emphasizing the literature background of the problem and the experimental results are required. The results of the research project will also be presented in an oral format in CHEM-499C. This course is a variable credit course. At least two units are required for all chemistry and biochemistry majors. A minimum of 50 hours of laboratory work is required per unit. May be repeated. Lab fee. Terms Typically Offered: Fall and Summer.

## CHEM-488 Chemistry Senior Project 2 Credits

An advanced course providing the opportunity for a student to create a novel and independent intellectual work by comparing, contrasting, and synthesizing recent research and his/her cumulative knowledge and understanding in Chemistry. The precise nature, scope and format of the project must be developed and approved under the guidance of the instructor and in collaboration with the student's academic advisor. Senior projects are typically initiated in the Fall. The project results must also be presented in CHEM-499C. Lab fee.

## CHEM-499C Chemistry Capstone Seminar 2 Credits

This course includes a senior thesis covering an approved research topic, analysis and evaluation of current research in chemistry, and the integration of faith and the chemical sciences. An oral presentation of the senior thesis in a classroom setting is required. In-class presentations by faculty and guests are part of the course. Laboratory research in an on-campus research program or an approved off-campus research program may be required for the senior thesis. This course fulfills the Core Curriculum Capstone requirement for Chemistry majors.
Terms Typically Offered: Spring.

## Environmental Sciences

ENVR-150C Intro to Environmental Science 3 Credits
An introductory course focusing on the scientific analysis of environmental issues. Using core concepts from physics, chemistry, biology and earth science, students will examine key issues associated with sustaining biodiversity, natural resources, environmental health, and human societies. Topics will include ecological principles; land, water and energy use; epidemiology and toxicology; air, water and solid waste pollution; ecological economics; and environmental policy, law and planning. This course fulfills the University Lab Science CORE requirement. The course has a corresponding laboratory course.
Co-Requisite: ENVR-150CL
Terms Typically Offered: Fall.

## ENVR-150CL Intro to Environmental Science Lab 1 Credit

An introductory complementary lab course focusing on the methods of collection and analysis of environmental samples. The Environmental Science laboratory focuses on environmental issues such as climate variation, atmospheric pollution and non-point-source water pollution. The course is made up of laboratory exercises with up to two field labs. In this course, students learn to investigate the natural world through the process of the "scientific method." Lab exercises provide an opportunity to make scientific observations, ask questions, develop explanations, design experiments and gather data. The lab exercises are designed to provide a basic understanding of how scientists investigate the world and the terminology that is used. Students have the opportunity to put the lab experience into real world scientific investigation. The course culminates in a field research project. Laboratory Course for 3 hours and lab fees. Co-Requisite: ENVR-150C
Terms Typically Offered: Fall.

## ENVR-205C Introduction to Geology 3 Credits

An introductory course focusing on the study of the kind and arrangement of materials composing the earth's crust and the geological processes at work on and within the earth's surface. This course covers the fundamentals of geology: Rocks, minerals, geologic time, plate tectonics, earthquakes, volcanoes, surface processes, and earth resources. This course fulfills the University Lab Science CORE requirement. The course has a corresponding laboratory course. Terms Typically Offered: Fall.

## ENVR-205CL Introduction to Geology Laboratory 1 Credit

Corresponding laboratory for identification of rocks and minerals. Introduction to topographic maps and how they are used to interpret geologic processes and geologic history. Interpretation of geologic maps and data relating to earthquakes and plate tectonics. Course will consist of local field excursions and laboratory exercises.
Pre- or Co-Requisite: ENVR-205C
Terms Typically Offered: Fall.

## ENVR-305 Intro to Soil Sciences 3 Credits

Quantitative study of the chemistry of the solid, liquid, and gas phases in soils and sediments. Topics include solid and solution speciation, mineral solubility, ion exchange and adsorption reactions, oxidation-reduction, and the chemistry of organic contaminants and toxic trace elements in soil. Lecture, 3 hours.
Prerequisite: CHEM-121 and ENVR-150C
Terms Typically Offered: Spring, even years.

## ENVR-305L Intro to Soil Sciences Lab 1 Credit

Pre- or Co-Requisite: ENVR-305
Terms Typically Offered: Spring, even years.

## ENVR-320 Hydrology 3 Credits

Introduction to the scientific study of the hydrologic cycle. Covers the measurement and evaluation of hydrologic phenomena including the use of statistical methods. Explores computer techniques in hydrology with applications to water resource development and water quality problems, particularly those in California. Lecture, 3 hours.
Prerequisite: CHEM-121 and ENVR-150C; or permission of instructor Terms Typically Offered: Spring, odd years.

ENVR-335 Intro to Atmospheric Sciences 3 Credits
Covers the structure of the atmosphere and man's impact upon it, especially the causes and consequences of air pollution. Addresses air quality standards and the stratospheric and tropospheric ozone. Also introduces the chemistry of air pollution and air pollution control strategies. Lecture, 3 hours.
Prerequisite: CHEM-121 and ENVR-150C; or permission of instructor Terms Typically Offered: Fall, even years.

## ENVR-405 Intro to Geo Info System (GIS) 3 Credits

In this introductory course, students become familiar with the hardware and software components of a Geographic Information System and review GIS applications. Topics include data structures and basic functions, methods of data capture and sources of data, and the nature and characteristics of spatial data and objects. Topics covered include the fundamentals of data structures, georeferencing, data classification, querying, cartography, and basic spatial data analysis. The course provides an overview of the capabilities of GIS software and applications of GIS. Class time is divided between lectures and GIS exercises that reinforce critical concepts. Students must complete a term project as part of the course and should appreciate the utility of Geographic Information Systems in decision-making. Lecture, 3 hours.
Prerequisite: ENVR-150C; or permission of instructor
Terms Typically Offered: Fall, odd years.
ENVR-430 Environmental Policy and Impact Analysis 3 Credits
Explores the principles and theories of analyzing environmental interactions. Provides a critical analysis of methodologies for assessing
the physical, biological, and social impacts on the envrionment by human activities. Synthesizes the subject matter through preparation of an environmental impact report. Lecture, 3 hours.
Terms Typically Offered: Spring, odd years.

## ENVR-450 Ug Research Or Internship Program 1-4 Credits

This course may be taken for a maximum of 4 units in one semester. A maximum of 6 combined units credit for ENVR-450 or ENVR-485 apply to graduation. This course is designed with the purpose of providing students the opportunity to conduct research off-campus at universities or STEM companies in the community. This course promotes early entry into the workplace for the student through part-time employment. This course requires actual work experience be sought in a biotech or STEMfocused business firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned instructor. Students are responsible for completing a project report and presenting their research results in ENVR-499C.

## ENVR-485 Undergraduate Research 1-4 Credits

Problems in advanced laboratory research with emphasis on research techniques. Research is carried out under the supervision of the instructor with weekly conferences to discuss results and direction. Emphasis will be placed on project management, safety, instrumentation, and research documentation skills. A written proposal and report emphasizing the literature background of the problem and the experimental results are required. The results of the research project will also be presented in an oral format in ENVR-499C. This course is a variable credit course. At least two units are required for all Environmental Sciences Majors.. A minimum of 50 hours of laboratory work is required per unit. May be repeated. Lab fee.

ENVR-488 Enviromental Sciences Senior Project 2 Credits An advanced course providing the opportunity for a student to create a novel and independent intellectual work by comparing, contrasting, and synthesizing recent research and his/her cumulative knowledge and understanding in Environmental Sciences. The precise nature, scope and format of the project must be developed and approved under the guidance of the instructor and in collaboration with the student's academic advisor. Senior projects are typically initiated in the Fall. The project results must also be presented in ENVR-499C. Lab fee.
ENVR-499C Capstone Seminar/Environmental Studies 2 Credits This course includes a senior thesis covering an approved research topic, analysis and evaluation of current research in the environmental sciences, and the integration of faith and the sciences. An oral presentation of the senior thesis in a classroom setting is required. In -class presentations by faculty and guests are part of the course. Laboratory research in an on-campus research program or an approved off-campus research program may be required for the senior thesis. This course fulfills the Core Curriculum Capstone requirement for Environmental Science majors.
Terms Typically Offered: Spring.

## Biochemistry B.S. <br> Requirements

| Code Title | Units |
| :---: | :---: |
| Core Curriculum Requirements (p.62) ${ }^{1}$ | 46 |
| Major Core Requirements | 76 |
| Total Units | 122 |

## Biochemistry Major Core Requirements

| Code | Title | Units |
| :---: | :---: | :---: |
| Lower Division: |  |  |
| $\begin{aligned} & \text { BIOL-111 } \\ & \& 111 \mathrm{~L} \end{aligned}$ | Principles of Cell and Molecular Biology and Principles of Biology Lab | 4 |
| $\begin{aligned} & \text { CHEM-120 } \\ & \& 120 \mathrm{~L} \end{aligned}$ | General Chemistry I and General Chemistry I Lab | 4 |
| $\begin{aligned} & \text { CHEM-121 } \\ & \& 121 \mathrm{~L} \end{aligned}$ | General Chemistry II and General Chemistry II Lab | 4 |
| $\begin{aligned} & \text { CHEM-252 } \\ & \& 252 \mathrm{~L} \end{aligned}$ | Analytical Chemistry and Analytical Chem Techniques | 4 |
| MATH-180C | Calculus 1 | 4 |
| MATH-181C | Calculus II | 4 |
| $\begin{aligned} & \text { PSCI-223C } \\ & \& 223 C L \end{aligned}$ | Mechanics of Solids and Fluids and Mechanics of Solids and Fluids Lab | 4 |
| $\begin{aligned} & \text { PSCI-225 } \\ & \& 225 \mathrm{~L} \end{aligned}$ | Electricity and Magnetism and Electricity and Magnetsm Lab | 4 |
| Upper Division: |  |  |
| $\begin{aligned} & \text { CHEM-304 } \\ & \& 304 \mathrm{~L} \end{aligned}$ | Organic Chemistry I and Organic Chemistry Techniques I | 4 |
| $\begin{aligned} & \text { CHEM-305 } \\ & \& 305 \mathrm{~L} \end{aligned}$ | Organic Chemistry II and Organic Chemistry Technqs II | 4 |
| $\begin{aligned} & \text { CHEM- } 430 \\ & \& 430 \mathrm{~L} \end{aligned}$ | Biochemistry and Experimental Tech/Biochemistry | 4 |


| CHEM-435 | Advanced Biochemistry | 3 |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { CHEM-440 } \\ & \& 440 \mathrm{~L} \end{aligned}$ | Instrumental Analysis and Instrumental Analysis Lab | 4 |
| $\begin{aligned} & \text { CHEM-456 } \\ & \& 456 \mathrm{~L} \end{aligned}$ | Physical Chemistry: Thermodynamics and Physical Chemistry Technique Lab | 3 |
| CHEM-457 | Physical Chemistry: Kinetics | 2 |
| CHEM-499C | Chemistry Capstone Seminar | 2 |
| Electives: |  |  |
| Select any two biology lecture/lab combinations: |  |  |
| Complete 4 or more Units in BIOL, CHEM, ENVR, ENGR, CSCI, DSCI at any level |  | 4 |
| Complete 4 or more Units in BIOL, CHEM, ENVR, ENGR, CSCI, DSCI 200/300/400 Level |  | 4 |
| Complete 8 or more Units in BIOL, CHEM, ENVR, ENGR, CSCI, DSCI 300/400 Level |  | 8 |
| Research Requirement: |  | 2 |
| CHEM-450 | UG Research Or Internship Program |  |
| CHEM-485 | Undergraduate Research |  |
| CHEM-488 | Chemistry Senior Project |  |
| BIOL-485 | Undergrad Biological Research |  |

Total Units

## 1

Number of units required from the Core Curriculum not included in the major requirements below.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Chemical and Environmental Sciences.
Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| ENGL-120C | Persuasive Writing | 3 |
| CHEM-120 | General Chemistry I | 3 |
| CHEM-120L | General Chemistry I Lab | 1 |


| MATH-180C | Calculus 1 | 4 |
| :--- | :--- | ---: |
| THEO-PLHD | Theology Core Requirement | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | $\mathbf{1 8}$ |


| Year 1 Term 2 |  | 3 |
| :--- | :--- | ---: |
| CHEM-121 | General Chemistry II | 1 |
| CHEM-121L | General Chemistry II Lab | 3 |
| BIOL-111 | Principles of Cell and Molecular Biology | 1 |
| BIOL-111L | Principles of Biology Lab | 4 |
| MATH-181C | Calculus II | 3 |
| NT-101C | New Testament Survey | $\mathbf{1 5}$ |


| Year 2 Term 1 |  | 3 |
| :--- | :--- | ---: |
| CHEM-252 | Analytical Chemistry | 1 |
| CHEM-252L | Analytical Chem Techniques | 3 |
| PSCI-223C | Mechanics of Solids and Fluids | 1 |
| PSCI-223CL | Mechanics of Solids and Fluids Lab | 3 |
| CHEM-304 | Organic Chemistry I | 1 |
| CHEM-304L | Organic Chemistry Techniques I | 3 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | $\mathbf{1 5}$ |

## Year 2 Term 2

| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| :--- | :--- | ---: |
| PSCI-225 | Electricity and Magnetism | 3 |
| PSCI-225L | Electricity and Magnetsm Lab | 1 |
| OT-201C | Old Testament Survey | 3 |
| CHEM-305 | Organic Chemistry II | 3 |
| CHEM-305L | Organic Chemistry Technqs II | $\mathbf{1}$ |
| CHEM-PLHDRCH | Undergraduate Research | $\mathbf{2 - 4}$ |
|  | Units | $\mathbf{1 6 - 1 8}$ |


| Year 3 Term 1 |  | 2 |
| :--- | :--- | ---: |
| CHEM-456 | Physical Chemistry: Thermodynamics | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 2 |
| CHEM-440 | Instrumental Analysis | $\mathbf{2}$ |
| CHEM-440L | Instrumental Analysis Lab | $\mathbf{4}$ |
| CHEM-PLHD4 | STEM Elective | $\mathbf{1 6}$ |

## Year 3 Term 2

COMM-201C Speech Composition and Presentation 3
CHEM-PLUD4A Upper Division STEM Elective (4 units) 4
CHEM-PLHD4 STEM Elective 4
CHEM-457 Physical Chemistry: Kinetics 2

| CHEM-456L | Physical Chemistry Technique Lab | $1-2$ |
| :--- | :--- | ---: |
|  | Units | $14-15$ |

## Year 4 Term 1

| CHEM-430 | Biochemistry | 3 |
| :--- | :--- | :--- |
| CHEM-430L | Experimental Tech/Biochemistry | 1 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |


| ENGL-220C | Researched Writing | 3 |
| :--- | :--- | ---: |
| PSYC-103C | Introduction to Psychology | 3 |
|  | Units | $\mathbf{1 3}$ |
| Year 4 Term 2 |  |  |
| CHEM-499C | Chemistry Capstone Seminar | 2 |
| CHEM-435 | Advanced Biochemistry | 3 |
| CHIS-400C | Christian Heritage | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
| CHEM-PLUD4A | Upper Division STEM Elective (4 units) | 4 |
|  | Units | $\mathbf{1 5}$ |
|  | Total Units | $\mathbf{1 2 2 - 1 2 5}$ |

## Chemistry B.S.

## Requirements

| CodeTitle <br> Core Curriculum Requirements (p. 62) | Units |
| :--- | ---: | ---: |
| Major Core Requirements | 46 |
| Total Units | $\mathbf{7 5}$ |
| $\mathbf{1 2 1}$ |  |

## Chemistry Major Core Requirements

$\left.\begin{array}{llr}\text { Code } & \text { Title } & \text { Units } \\ \text { Lower Division: } & & 4 \\ \text { CHEM-120 } & \begin{array}{l}\text { General Chemistry I } \\ \text { \& 120L }\end{array} & \begin{array}{l}\text { General Chemistry II } \\ \text { and General Chemistry II Lab }\end{array} \\ \begin{array}{ll}\text { CHEM-121 } \\ \text { \& 121L }\end{array} & \begin{array}{l}\text { Analytical Chemistry } \\ \text { CHEM-252 }\end{array} & 4 \\ \text { \& 252L }\end{array} \quad \begin{array}{l}\text { and Analytical Chem Techniques }\end{array}\right] 4$

| Electives: |  |  |
| :---: | :---: | :---: |
| Complete 6 or more units of the following: |  | 6 |
| CSCI-208 | Java Programming |  |
| CSCI-340 | Python Programming |  |
| ENGR-307 | Computational Problem Solving |  |
| MATH-300 | Linear Algebra |  |
| MATH-310 | Differential Equations |  |
| MATH-365 | Probability and Statistics |  |
| MATH-285 | Introduction to Advanced Mathematics |  |
| MATH-390 | Numerical Analysis |  |
| PSCI-227 | Waves, Optics and Modern Physics |  |
| Complete 6 or more Units in MATH, BIOL, CHEM, ENVR, ENGR, CSCI, DSCI 300/400 Level |  | 6 |
| Research Requirement: |  |  |
| Complete 2 or more units using one of the following: |  | 2 |
| CHEM-450 | UG Research Or Internship Program |  |
| CHEM-485 | Undergraduate Research |  |
| CHEM-488 | Chemistry Senior Project |  |
| Total Units |  | 75 |

Number of units required from the Core Curriculum not included in the major requirements below.

2
See CHEM-120 General Chemistry I course description for prerequisites.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Chemical and Environmental Sciences.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| CHEM-120 | General Chemistry I | 3 |
| CHEM-120L | General Chemistry I Lab | 1 |


| MATH-180C | Calculus 1 | 4 |
| :--- | :--- | ---: |
| ENGL-120C | Persuasive Writing | 3 |
| NT-101C | New Testament Survey | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | $\mathbf{1 8}$ |


| Year 1 Term 2 |  |  |
| :--- | :--- | ---: |
| CHEM-121 | General Chemistry II | 3 |
| CHEM-121L | General Chemistry II Lab | 1 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| MATH-181C | Calculus II | 4 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
|  | Units | $\mathbf{1 4}$ |


| Year 2 Term 1 |  |  |
| :--- | :--- | ---: |
| PSCI-223C | Mechanics of Solids and Fluids | 3 |
| PSCI-223CL | Mechanics of Solids and Fluids Lab | 1 |
| MATH-281 | Multivariable Calculus | 4 |
| CHEM-252 | Analytical Chemistry | 3 |
| CHEM-252L | Analytical Chem Techniques | 1 |
| CHEM-304 | Organic Chemistry I | 3 |
| CHEM-304L | Organic Chemistry Techniques I | 1 |
| THEO-101C | Foundations of Christian Life | 3 |
|  | Units |  |


| Year 2 Term 2 |  |  |
| :--- | :--- | ---: |
| PSCI-225 | Electricity and Magnetism | 3 |
| PSCI-225L | Electricity and Magnetsm Lab | 1 |
| OT-201C | Old Testament Survey | 3 |
| CHEM-305 | Organic Chemistry II | 3 |
| CHEM-305L | Organic Chemistry Technqs II | 1 |
| CHEM-PLHD34 | 3-4 Units from MATH, CSCI, PSCI | $3-4$ |
|  | Units | $\mathbf{1 4 - 1 5}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | ---: |
| CHEM-456 | Physical Chemistry: Thermodynamics | 2 |
| CHEM-440 | Instrumental Analysis | 2 |
| CHEM-440L | Instrumental Analysis Lab | 2 |
| THEO-300C | Developing a Christian World View | 3 |
| ENGL-220C | Researched Writing | 3 |
| CHEM-PLHD34 | 3-4 Units from MATH, CSCI, PSCI | $3-4$ |
|  | Units | $\mathbf{1 5 - 1 6}$ |


| Year 3 Term 2 |  |  |
| :--- | :--- | ---: |
| CHEM-457 | Physical Chemistry: Kinetics | 2 |
| CHEM-458 | Physical Chemistry: Quantum Mechanics | 2 |
| PSYC-103C | Introduction to Psychology | 3 |
| CHEM-PLHDL2 | Physical Chemistry Technique Lab | 1 |
| CHEM-PLHD34U | 3-4 Ud Units From Math, Csci, Psci | $3-4$ |
| CHEM-PLHDRCH | Undergraduate Research | $2-4$ |
|  | Units | $\mathbf{1 3 - 1 6}$ |

## Year 4 Term 1

| ENGL-230C | Literature and the Human Experience | 3 |
| :--- | :--- | :--- |
| COMM-201C | Speech Composition and Presentation | 3 |


| CHEM-430 | Biochemistry | 3 |
| :--- | :--- | ---: |
| CHEM-430L | Experimental Tech/Biochemistry | 1 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
|  | Units | $\mathbf{1 3}$ |
| Year 4 Term 2 |  |  |
| CHEM-499C | Chemistry Capstone Seminar | 2 |
| CHEM-435 | Advanced Biochemistry | 3 |
| CHIS-400C | Christian Heritage | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| CHEM-PLHD34U | 3-4 Ud Units From Math, Csci, Psci | $\mathbf{3 - 4}$ |
|  | Units | $\mathbf{1 4 - 1 5}$ |
|  | Total Units | $\mathbf{1 2 0 - 1 2 6}$ |

## Chemistry B.S. with an Education Minor (VISTA) <br> Requirements

Students seeking the Bachelor of Science degree in Chemistry Teacher Education with a minor in Education must complete the Lower and Upper Division major core requirements and the following courses. This program is associated with the Integrated Teacher Education Program (ITEP/VISTA).

## Code Title Units

Core Curriculum Requirements $(\mathrm{p} .62)^{1} 45$
Major Core Requirements 52
Integrated Teacher Education Program Requirements (p. 202) 36
Total Units 133

## Chemistry Major Core Requirements

Cod
Title
Units
Lower Division:
CHEM-120 General Chemistry I 4
\& 120L and General Chemistry I Lab ${ }^{2}$
CHEM-121 General Chemistry II 4
\& 121L and General Chemistry II Lab
CHEM-252
\& 252L
MATH-180C
MATH-181C
PSCI-223C Mechanics of Solids and Fluids
and Mechanics of Solids and Fluids Lab
Electricity and Magnetism 4
and Electricity and Magnetsm Lab
Upper Division:
CHEM-304 Organic Chemistry I 4
\& 304L and Organic Chemistry Techniques I
CHEM-305 Organic Chemistry II
4
\& 305L
CHEM-430
and Organic Chemistry Technqs II
Biochemistry
and Experimental Tech/Biochemistry
$\left.\begin{array}{llc}\text { CHEM-456 } & \text { Physical Chemistry: Thermodynamics } \\ \& 456 \mathrm{~L} & \text { and Physical Chemistry Technique Lab }\end{array}\right] 4$

Number of units required from the Core Curriculum not included in the major requirements below.

2
See CHEM-120 General Chemistry I course description for prerequisites.

## Integrated Teacher Education Program Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Requirements: |  | 3 |
| ANTH-453 | Language,Culture/Linguistics | 3 |
| EDUC-315 | Teaching in a Multicultural Setting | 3 |
| POLS-155C | American Democracy |  |
| Credentialing Coursework: | 2 |  |
| EDUC-424 | Foundations in Teaching for Single Subject | 4 |
| EDUC-426 | Instructional Design and Subject Specific | 4 |
| EDUC-435 | Pedagogy for Single Subject | 0.5 |
| EDUC-442 | CalTPA Cycle 1 | 1 |
| EDUC-444 | Language Acquisition for Secondary Students | 1 |
| EDUC-447 | Metacognition/Reading Strategies for Secondary | 1 |
| EDUC-452 | Students | 1 |
| EDUC-464 | Literacy in Content Areas for Secondary Students | 1 |
| EDUC-434 | Curriculum Unit Planning for Single Subject | 1 |
| EDUC-443 | CalTPA Cycle 2 | 2 |
| EDUC-488 | Clinical Practice Seminar for Single Subject | 2 |
| EDUC-489 | Clinical Practice Fieldwork for Single Subject | 8 |
| Total Units |  | 36 |

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Chemistry and Environmental Science.

4 Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| CHEM-120 | General Chemistry I | 3 |
| CHEM-120L | General Chemistry I Lab | 1 |
| MATH-180C | Calculus 1 | 4 |
| ENGL-120C | Persuasive Writing | 3 |
| NT-101C | New Testament Survey | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | $\mathbf{1 8}$ |

Year 1 Term 2

| CHEM-121 | General Chemistry II | 3 |
| :--- | :--- | ---: |
| CHEM-121L | General Chemistry II Lab | 1 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| MATH-181C | Calculus II | 4 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
|  | Units | $\mathbf{1 4}$ |

Year 2 Term 1
EDUC-315 Teaching in a Multicultural Setting 3
CHEM-304 Organic Chemistry I 3

CHEM-304L Organic Chemistry Techniques I 1
CHEM-252 Analytical Chemistry 3
CHEM-252L Analytical Chem Techniques 1

| THEO-101C | Foundations of Christian Life | 3 |
| :--- | :--- | ---: |
|  | $\mathbf{1 4}$ |  |


| Year 2 Term 2 |  | 3 |
| :--- | :--- | ---: |
| CHEM-305 | Organic Chemistry II | 1 |
| CHEM-305L | Organic Chemistry Technqs II | 3 |
| ENGL-220C | Researched Writing | 3 |
| OT-201C | Old Testament Survey | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 4 |
| CHEM-PLUD4A | Upper Division STEM Elective (4 units) | $\mathbf{1 7}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | ---: |
| COMM-201C | Speech Composition and Presentation | 3 |
| CHEM-450 | UG Research Or Internship Program | $1-4$ |
| CHEM-456 | Physical Chemistry: Thermodynamics | 2 |
| PSCI-223C | Mechanics of Solids and Fluids | 3 |
| PSCI-223CL | Mechanics of Solids and Fluids Lab | 1 |
|  | Units | $\mathbf{1 0 - 1 3}$ |


| Year 3 Term 2 |  |  |
| :--- | :--- | ---: |
| ENGL-230C | Literature and the Human Experience | 3 |
| ANTH-453 | Language,Culture/Linguistics | 3 |
| CHIS-400C | Christian Heritage | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| PSCI-225 | Electricity and Magnetism | 3 |
| PSCI-225L | Electricity and Magnetsm Lab | 1 |
| CHEM-456L | Physical Chemistry Technique Lab | $1-2$ |
|  | Units | $\mathbf{1 7 - 1 8}$ |


| Year 4 Term 1 |  |  |
| :--- | :--- | ---: |
| EDUC-424 | Foundations in Teaching for Single Subject | 2 |
| EDUC-426 | Instructional Design and Subject Specific <br> Pedagogy for Single Subject | 4 |
| EDUC-435 | Supervised Fieldwork for Single Subject | 4 |
| EDUC-444 | Language Acquisition for Secondary <br> Students | 1 |
| EDUC-447 | Metacognition/Reading Strategies for <br> Secondary Students | 1 |
| EDUC-452 | Literacy in Content Areas for Secondary <br> Students | 1 |
| EDUC-464 | Use of Technology in the Classroom | 1 |
| EDUC-442 | CalTPA Cycle 1 | 1 |
|  | Units | 0.5 |


| Year 4 Term 2 |  |  |
| :--- | :--- | ---: |
| CHEM-499C | Chemistry Capstone Seminar | 2 |
| EDUC-434 | Curriculum Unit Planning for Single Subject | 2 |
| EDUC-488 | Clinical Practice Seminar for Single Subject | 2 |
| EDUC-489 | Clinical Practice Fieldwork for Single | 8 |
|  | Subject |  |
| EDUC-443 | CalTPA Cycle 2 | 0.5 |
|  | Units | $\mathbf{1 4 . 5}$ |
|  | Total Units | $\mathbf{1 1 9 - 1 2 3}$ |

## Chemistry Minor

## Requirements

Students must complete the following academic requirements to receive a minor in Chemistry.

| Code | Title | Units |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { CHEM-120 } \\ & \& 120 \mathrm{~L} \end{aligned}$ | General Chemistry I and General Chemistry I Lab | 4 |
| $\begin{aligned} & \text { CHEM-121 } \\ & \& 121 \mathrm{~L} \end{aligned}$ | General Chemistry II and General Chemistry II Lab | 4 |
| $\begin{aligned} & \text { CHEM-304 } \\ & \& 304 \mathrm{~L} \end{aligned}$ | Organic Chemistry I and Organic Chemistry Techniques I | 4 |
| $\begin{aligned} & \text { CHEM-305 } \\ & \& 305 \mathrm{~L} \end{aligned}$ | Organic Chemistry II and Organic Chemistry Technqs II | 4 |
| Sub-discipline Electives |  | 3-6 |
| Total Units |  | 19-22 |

In addition to General and Organic Chemistry, Chemistry minors are exposed to one more sub-discipline of chemistry. Each sub-discipline consists of a Lecture and Lab combination. The student may elect to complete a Lecture/Lecture combination in the Biochemistry and Physical Chemistry sub-disciplines or take a full year of biochemistry lecture instead of the usual Lecture/Lab combination. The following are the minor requirements:

| Code | Title | Units |
| :---: | :---: | :---: |
| Sub-discipline Electives |  | 3-6 |
| Select one lecture/lab course from CHEM |  |  |
| $\begin{aligned} & \text { CHEM- } 252 \\ & \& 252 \mathrm{~L} \end{aligned}$ | Analytical Chemistry and Analytical Chem Techniques | 4 |
| $\begin{aligned} & \text { CHEM-430 } \\ & \& 430 \mathrm{~L} \\ & \text { or CHEM- } 430 \\ & \& \text { CHEM- } 435 \end{aligned}$ | Biochemistry and Experimental Tech/Biochemistry Biochemistry and Advanced Biochemistry | 4-6 |
| $\begin{aligned} & \text { CHEM-440 } \\ & \& 440 \mathrm{~L} \end{aligned}$ | Instrumental Analysis and Instrumental Analysis Lab | 4 |
| CHEM-456 \& 456L <br> or CHEM-456 <br> \& CHEM-457 | Physical Chemistry. Thermodynamics and Physical Chemistry Technique Lab Physical Chemistry. Thermodynamics and Physical Chemistry: Kinetics | 3-4 |

## Environmental Sciences B.S.

Requirements

| CodeTitle Units <br> Core Curriculum Requirements (p. 62) ${ }^{1}$ | 40 |
| :--- | ---: | ---: |
| Major Core Requirements | 82 |
| Total Units | $\mathbf{1 2 2}$ |

## Environmental Sciences Major Core Requirements

| Code | Title | Units |
| :---: | :---: | :---: |
| Lower Division: |  |  |
| $\begin{aligned} & \text { BIOL-111 } \\ & \& 111 \mathrm{~L} \end{aligned}$ | Principles of Cell and Molecular Biology and Principles of Biology Lab | 4 |
| $\begin{aligned} & \text { CHEM-120 } \\ & \& 120 \mathrm{~L} \end{aligned}$ | General Chemistry I and General Chemistry I Lab | 4 |
| $\begin{aligned} & \text { CHEM-121 } \\ & \& 121 \mathrm{~L} \end{aligned}$ | General Chemistry II and General Chemistry II Lab | 4 |
| $\begin{aligned} & \text { CHEM-252 } \\ & \& 252 \text { L } \end{aligned}$ | Analytical Chemistry and Analytical Chem Techniques | 4 |
| ENVR-150C <br> \& 150CL | Intro to Environmental Science and Intro to Environmental Science Lab ${ }^{2}$ | 4 |
| ENVR-205C <br> \& ENVR-150CL | Introduction to Geology and Intro to Environmental Science Lab ${ }^{2}$ | 4 |
| MATH-265C | Intro to Statistical Methods | 3 |
| POLS-155C | American Democracy | 3 |
| SOC-100C | Introduction to Sociology | 3 |
| Complete 1 of th | following: | 3 |


| BUSN-215 | Principles of Macroeconomics |  |
| :---: | :---: | :---: |
| BUSN-216 | Principles of Microeconomics |  |
| Complete 2 lecture/lab combinations: |  | 8 |
| $\begin{aligned} & \text { PSCI-130 } \\ & \& 130 \mathrm{CL} \\ & \text { or PSCI-2230 } \\ & \& 223 \mathrm{CL} \end{aligned}$ | Introduction to Physics I and General Physics I Lab <br> Mechanics of Solids and Fluids and Mechanics of Solids and Fluids Lab |  |
| $\begin{aligned} & \text { PSCI-131 } \\ & \& 131 \mathrm{~L} \\ & \text { or PSCI-225 } \\ & \& 225 \mathrm{~L} \end{aligned}$ | General Physics II and General Physics II Lab Electricity and Magnetism and Electricity and Magnetsm Lab |  |
| Upper Division: |  |  |
| $\begin{aligned} & \text { CHEM-304 } \\ & \& 304 \mathrm{~L} \end{aligned}$ | Organic Chemistry I and Organic Chemistry Techniques I | 4 |
| Complete 4 units | using the following: | 4 |
| BIOL-345C | Mountain Field Biology |  |
| BIOL-348C | Coastal Ecology |  |
| BIOL-346C | Desert Field Ecology |  |
| BIOL-315 | General Ecology |  |
| BIOL-315L | Ecology Field and Lab Practicum |  |
| $\begin{aligned} & \text { ENVR-305 } \\ & \& 305 \mathrm{~L} \end{aligned}$ | Intro to Soil Sciences and Intro to Soil Sciences Lab | 4 |
| ENVR-320 | Hydrology | 3 |
| ENVR-335 | Intro to Atmospheric Sciences | 3 |
| ENVR-405 | Intro to Geo Info System (GIS) | 3 |
| ENVR-430 | Environmental Policy and Impact Analysis | 3 |
| ENVR-499C | Capstone Seminar/Environmental Studies | 2 |
| $\begin{aligned} & \text { POLS-446 } \\ & \text { or SOC-230 } \end{aligned}$ | Public Policy Issues Social Problems | 3 |
| Electives: |  |  |
| Complete 3 or more units in MATH, BIOL, CHEM, CSCI, or DSCI |  | 3 |
| Complete 4 or more units in BIOL, CHEM, CSCI, or DSCI, at 300/400 level |  | 4 |
| Research Requirement: |  |  |
| Complete 2 or mo | re units of one of the following: | 2 |
| CHEM-450 | UG Research Or Internship Program |  |
| CHEM-485 | Undergraduate Research |  |
| CHEM-488 | Chemistry Senior Project |  |
| ENVR-450 | Ug Research Or Internship Program |  |
| ENVR-485 | Undergraduate Research |  |
| ENVR-488 | Enviromental Sciences Senior Project |  |

## Total Units

## 1

Number of units required from the Core Curriculum not included in the major requirements below.

## 2

Courses count towards the CORE Curriculum requirements.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Chemical and Environmental Sciences.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| ENGL-120C | Persuasive Writing | 3 |
| ENVR-150C | Intro to Environmental Science | 3 |
| ENVR-150CL | Intro to Environmental Science Lab | 1 |
| CHEM-120 | General Chemistry I | 3 |
| CHEM-120L | General Chemistry I Lab | 1 |
| NT-101C | New Testament Survey | 3 |
|  | Units | $\mathbf{1 5}$ |
| Year 1 Term 2 |  | 3 |
| BIOL-111 | Principles of Cell and Molecular Biology | 1 |
| BIOL-111L | Principles of Biology Lab | 3 |
| POLS-155C | American Democracy | 3 |
| THEO-PLHD | Theology Core Requirement | 3 |
| CHEM-121 | General Chemistry II | 1 |
| CHEM-121L | General Chemistry II Lab | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | $\mathbf{1 7}$ |
|  | Units |  |

## Year 2 Term 1

| ENVR-205C | Introduction to Geology | 3 |
| :--- | :--- | ---: |
| ENVR-205CL | Introduction to Geology Laboratory | $\mathbf{1}$ |
| CHEM-304 | Organic Chemistry I | 3 |
| CHEM-304L | Organic Chemistry Techniques I | $\mathbf{1}$ |
| COMM-201C | Speech Composition and Presentation | 3 |
| MATH-265C | Intro to Statistical Methods | 3 |
|  | Units | $\mathbf{1 4}$ |

Year 2 Term 2

| SOC-100C | Introduction to Sociology | 3 |
| :--- | :--- | :--- |
| OT-201C | Old Testament Survey | 3 |


| ENGL-220C | Researched Writing | 3 |
| :--- | :--- | ---: |
| BUSN-PLHDEC | Macro Or Micro Economics | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | $\mathbf{1 5}$ |
| Year 3 Term 1 |  | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| ENGL-230C | Literature and the Human Experience | 4 |
| PSCI-PLGP1 | Physics 1 Requirement | 3 |
| ENVR-405 | Intro to Geo Info System (GIS) | 4 |
| CHEM-PLHD3 | STEM Elective | $\mathbf{1 7}$ |
|  | Units | 4 |
| Year 3 Term 2 |  | 3 |
| PSCI-PLGP2 | Physics 2 Requirement | $\mathbf{4}$ |
| ENVR-305 | Intro to Soil Sciences | 4 |
| ENVR-305L | Intro to Soil Sciences Lab | 3 |
| BIOL-PLECO | Ecology Requirement | $\mathbf{1 5}$ |
| ENVR-PHPPSP | Public Policy or Social Problems |  |
|  | Units |  |


| Year $\mathbf{4}$ Term 1 |  |  |
| :--- | :--- | ---: |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| CHEM-252 | Analytical Chemistry | 3 |
| CHEM-252L | Analytical Chem Techniques | 1 |
| ENVR-335 | Intro to Atmospheric Sciences | 3 |
| BIOL-STELE4 | Upper Division STEM Elective | 3 |
| ENVR-PLRSCH | Undergraduate Research | $\mathbf{2 - 4}$ |
|  | Units | $\mathbf{1 5 - 1 7}$ |

Year 4 Term 2

| CHIS-400C | Christian Heritage | 3 |
| :--- | :--- | ---: |
| ENVR-499C | Capstone Seminar/Environmental Studies | 2 |
| ENVR-430 | Environmental Policy and Impact Analysis | 3 |
| ENVR-320 | Hydrology | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | $\mathbf{3}$ |
|  | Units | $\mathbf{1 4}$ |
|  | Total Units | $\mathbf{1 2 2 - 1 2 4}$ |

## Department of Kinesiology

Mission: The mission of the Department of Kinesiology is to prepare students through personalized education in a Christ-centered, Spirit-empowered environment with the knowledge, skills, and ability to enter the professional field, or for further graduate study in kinesiology and allied health programs.

## Program Learning Outcomes Program Student Learning Outcomes:

Graduates from the program will demonstrate the following:

1. The ability to identify critical issues relevant to the field of Kinesiology and the ability educate others about the relevance of these issues to their overall health.
2. The ability to administer assessments and interpret movement and performance data from lab, clinical, and field experiences to create
effective, scientifically based physical activity and sport programs that address individual, community, and socio-cultural needs.
3. The ability to explain, identify, and/or demonstrate the theoretical and/or scientific principles that can be used to address issues or problems in the sub-disciplines in kinesiology.
4. The ability to conduct and critique research using theoretical and applied knowledge.
5. The ability to demonstrate relevant, marketable knowledge, skills, and dispositions to successfully enter the work force, graduate programs, and the lifelong learning process.

## Programs <br> Majors:

- Kinesiology B.S. with a Concentration in Health and Human Performance (p. 210)
- Kinesiology B.S. with a Concentration in Pre-Health Professions (p. 211)


## Minors:

- Kinesiology Minor (p. 213)


## Courses Kinesiology

KINE-119 Intercol.AthI: Dance 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree.
KINE-133C Musical Theatre Dance I 1 Credit
An introduction to dance for musical theatre. Dance styles covered will include tap, jazz, and musical theatre movement. This course is crosslisted with THEA-133C and fulfills the KINE-146C Activity Core Curriculum requirement.

## KINE-135 Theatre Movement 2-3 Credits

An introduction to the study of stage movement. Includes exercises and techniques to insure flexibility, meaningful aesthetic stage movement and physicality utilizing the Laban and Alexander techniques.

## KINE-145C Lifetime Fitness/Wellness Lect 1 Credit

This course is currently on teach out. Students will gain an understanding of physical conditioning and wellness pertaining to the five components of health-related fitness. Students will develop an understanding of lifestyle related diseases and behavior modification techniques. In addition, there will be opportunities to participate in a variety of movement experiences and assessment laboratories related to fitness. It is recommended to take both lecture and activity within the same academic year.
Terms Typically Offered: Fall and Spring.

## KINE-146C Lifetime Fitness/Well Activity 1 Credit

Course may include any of the following topics: conditioning, exercise and nutrition, weight lifting, creative aerobics, badminton, beginning/ intermediate tennis, racquetball, bowling, golf, bicycling, disk activities, volleyball, basketball, soccer, softball, baseball, beginning/advanced taekwondo, surfing, hip-hop/funk, swing dance, core strengthening, kickboxing or other special topics of physical activity. Activity course meets the core activity requirement. Activity course may also be repeated for elective credit. Lab fee for some courses.

## KINE-148C Lifetime Fitness and Wellness Lecture 3 Credits

This course presents information and activities which emphasize wellness, fitness and exercise and their relationship to health. This course also explores how health, fitness and faith interconnect. Lectures and a variety of accompanying laboratory activities help students make informed decisions about fitness, exercise, and health and contribute to the development of self-directed physical activity and lifetime wellness. Regular participation in physical activity is a component of the course. A fitness tracker either wearable or with a phone app will be required Terms Typically Offered: Fall and Spring.

## KINE-150 Biophysical Foundations of Kinesiology 3 Credits

Biophysical Foundations of Kinesiology is intended for entry-level students with an interest in human movement and physical activity. It provides a rigorous introduction to the biophysical foundations of kinesiology including applications of basic science to professional and clinical settings. Students will become familiar with the field of kinesiology, and how this field may serve as preparation for a wide range of professional pursuits, including post-graduate occupations, professional programs of study in medicine and allied health fields, and as a basis for kinesiology research careers. Key concepts concerning the anatomical, mechanical, physiological, and neurological basis of human movement will be taught.
Co-Requisite: KINE-150L
Terms Typically Offered: Fall.
KINE-150L Biophysical Foundations of Kinesiology Lab 1 Credit Biophysical Foundations of Kinesiology is intended for entry-level students with an interest in human movement and physical activity. The course focuses on laboratory experiences within each area; the anatomical; mechanical, physiological, and neurological basis of human movement. Lab Fee.
Co-Requisite: KINE-150
Terms Typically Offered: Fall.

## KINE-160 Intercollegiate Athl: Baseball 1 Credit

This course provides college credit for participating in intercollegiate athletics and the responsiblities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE-160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Spring.

## KINE-161 Intercollegiate Athl: Basketball-Men 1 Credit

This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Fall and Spring.

KINE-162 Intercollegiate Athl: Basketball-Women 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree.
Terms Typically Offered: Fall and Spring.
KINE-163 Intercollegiate Athl: Soccer-Men 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Fall.
KINE-164 Intercollegiate.Athl: Volleyball-Women 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Fall.

## KINE-165 Intercollegiate.Athl: Volleyball-Men 1 Credit

This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Spring.

## KINE-166 Intercollegiate Athl: Softball-Women 1 Credit

This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Spring.

## KINE-167 Intercollegiate Athl: Cross Country-Men 1 Credit

This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Fall.
KINE-168 Intercollegiate Athl:cross Country-Women 1 Credit This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than 4 hours of KINE 160-178 can be counted toward the degree.
Terms Typically Offered: Fall.

## KINE-170 Intercollegiate Athl: Track-Men 1 Credit

This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Spring.

KINE-171 Intercollegiate Athl: Track-Women 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Spring.
KINE-172 Intercollegiate Athl: Soccer-Women 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Fall.
KINE-176 Intercollegiate Ath:Champions/Character Character 1 Credit This course is based upon the NAIA Champions of Character Program and is designed to assist the student-athlete in developing skills in the areas of academics, personal growth, career choice, and commitment to service. This course will help enhance the student-athlete's transition into Vanguard University Athletics and increase their understanding of the responsibilities of being a student-athlete. Enrollment is limited to members of athletic teams and is intended to be taken during the athlete's first semester at the University. Substitution of this class for the University's activity requirement is not permitted.
Terms Typically Offered: Fall.
KINE-181 Intercollegiate Athl: Golf-Men 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsiblities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE-160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Fall.
KINE-182 Intercollegiate Athl: Golf-Women 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsiblities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE-160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Fall.
KINE-184 Intercollegiate Athl: Stunt 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Spring.
KINE-185 Psychological and Sociocultural Foundations of Kinesiology 3 Credits
This course is intended for entry level students with an interest in human movement and physical activity. The focus of this course is on exploring the sociological and psychological perspectives of participation in physical activity across the lifespan.
Terms Typically Offered: Spring.

KINE-186 Intercollegiate.Athl: Wrestling-Men 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Spring.
KINE-189 Intercollegiate.Athl: Beach Vlybl-Women 1 Credit This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Spring.
KINE-215 Responding to Emergencies 2 Credits
An advanced First Aid class with an in-depth introduction to responding to a variety of emergency situations. It will provide the student with a complete understanding and knowledge of not only the skills and actions in an emergency situation, but also the physiology, reasoning, and knowledge behind the skills. ARC certification is obtained with the completion of this course. Lab Fee.
Terms Typically Offered: On Demand.

## KINE-217 Outdoor/Recreational Experience 1 Credit

This course encourages the student to identify and demonstrate an understanding of the value, meaning, and benefits of outdoor recreation and to explore a variety of outdoor adventure experiences. Lab fee. Terms Typically Offered: On Demand.

## KINE-218 Injury Recognition and Management 3 Credits

This course is lecture/lab based and will build on the student's background in human anatomy. Areas of focus include injury recognition, signs and symptoms of injuries specific to body parts, prevention and treatment of orthopedic injuries, wound management, splinting, and supportive taping techniques. Lab fee Terms Typically Offered: Spring.

## KINE-221 Movement Anatomy 3 Credits

This course is a study of the structure of the human body with particular emphasis on the skeletal and muscular systems and their function in the mechanics of human movement.
Prerequisite: BIOL-204, BIOL-204L
Terms Typically Offered: Fall.

## KINE-231 Global Games/Recreatn/Activit 3 Credits

This class will provide students with an exposure to games, sports, and recreational activities from cultures around the world. The student will also be exposed to a variety of teaching methodologies including peer instruction and demonstration, cooperative learning groups, and participation in activities.
Terms Typically Offered: On Demand.

## KINE-235 Medical Terminology 2 Credits

This course introduces the student to the basic rules for interpreting, constructing, and spelling medical terms. Topics include structure; recognition; analysis; definitions; spelling; pronunciation, and a combination of medical terms from prefixes, suffixes, roots, and combining forms. The course is organized by body systems with an emphasis on anatomy and physiology, pathological conditions, and diagnostic treatments and procedures.
Terms Typically Offered: Fall and Spring.

## KINE-242 Motor Behavior Across the Lifespan 3 Credits

This class will examine the basic principles of motor learning, motor control and motor development as they relate to human voluntary movement. Applications of principles through observations and assessment of motor behavior, from learning to performance, as well as motor development through the lifespan will be covered.
Prerequisite: KINE-150, KINE-150L
Terms Typically Offered: Spring.
KINE-260 Principles of Therapeutic Rehabilitation 3 Credits
This class will examine how to assist a patient in healing from acute injuries by reducing swelling and pain, improving range of motion, strength and balance. Fundamentals of healing chronic injuries will also be incorporated. This course will include the physiological basis of using basic therapeutic modalities. This course will also include applied learning and techniques.
Terms Typically Offered: Fall.

## KINE-291 Special Topic: 1 Credit

Study of a special topic in kinesiology. May be repeated for credit.
Terms Typically Offered: On Demand.

## KINE-292 Special Topic: 2 Credits

Study of a special topic in kinesiology. May be repeated for credit.
Terms Typically Offered: On Demand.

## KINE-293 Special Topic: 3 Credits

Study of a special topic in kinesiology. May be repeated for credit.
Terms Typically Offered: On Demand.

## KINE-314A Upper Extremity Injury Assmt 2 Credits

This course is a combination of lecture and hands-on lab. It will build on the student's prior knowledge of anatomy and injury recognition. The focus of this course is to assist the student in developing a systematic, thorough method of injury assessment including the development of a medical history, palpitation points, range of motion tests, manual muscle tests, neurological tests, and special tests, This course will focus on the assessment of the head, cervical and thoracic spine, shoulder, elbow, wrist, and hand.
Prerequisite: KINE-218
Terms Typically Offered: Fall.

## KINE-314B Lower Extremity Injury Assmnt 2 Credits

This course is a combination of lecture and hands-on lab. It will build on the student's prior knowledge of anatomy and injury recognition. The focus of this course is to assist the student in developing a systematic, thorough method of injury assessment including the development of a medical history, palpitation points, range of motion tests, manual muscle tests, neurological tests, and special tests. The area of focus is the development of a systematic method of injury assessment. This course will focus on the assessment of the lumbar spine, hip and pelvis, knee, lower leg, ankle, and foot.
Prerequisite: KINE-218
Terms Typically Offered: Spring.
KINE-321 Principles of Coaching 3 Credits
Analysis of the art of coaching, studying: motivation, communication, discipline, morale, and personality traits of individuals, and organizational and administrative procedures involved in scheduling, equipment purchasing and maintenance, and public relations.
Terms Typically Offered: On Demand.

## KINE-323 Physiology of Exercise 4 Credits

A study of the effects of exercise upon the systems and organs of the body. Analysis of these systems and how maximum efficiency in physical performance is achieved. Lecture three hours, laboratory three hours. Lab fee.
Prerequisite: BIOL-304, BIOL-304L
Terms Typically Offered: Spring.
KINE-329 Fitness Assessment and Exercise Prescription 3 Credits This course is designed to provide the student with the theoretical background and practical experience necessary for the safe and scientific evaluation of physical fitness, particularly as it relates to health and disease and the development of programs for remediation, maintenance and enhancement of motor and health related qualities. Lab fee. Prerequisite: KINE-150, KINE-150L
Terms Typically Offered: Fall and Spring.

## KINE-333 Principles of Nutrition and Metabolism 3 Credits

Introduction to metabolism of protein, fat and carbohydrate; the biological role of vitamins and minerals; nutrient requirements during the life cycle; assessment of dietary intake and nutritional status. The course also discusses the biochemical role of nutrients in maintaining health, and the effects of over- and under-nutrition on disease pathogenesis.
The students will also gain an understanding of how nutrition is linked to physical activity and sport performance.
Prerequisite: BIOL-304
Terms Typically Offered: Fall.

## KINE-343 Ldrshp/Mgt of Kinesiology Prog 3 Credits

This course focuses on the organization, administration, and management of programs within the field of Kinesiology (including physical education, intramural, interscholastic, intercollegiate athletics, athletic training, private sport and fitness, as well as recreation) programs/departments. Course content will emphasize (a) organization and leadership theory and practice, particularly as they relate to policy, politics, and power, (b) the practicalities of program development, management and supervision (i.e. communication, human resources, public relations, financial management, budgeting and purchasing, facilities, and equipment), and (c) issues of law, risk management, professionalism, ethics and philosophy as they relate to the field. Terms Typically Offered: On Demand.

## KINE-345 Sports Nutrition 3 Credits

This course is designed to address high level sport nutritional issues and, lend understanding to the physiological aspects and lifestyle practices of athletes involved in high-level human performance. Students will be introduced to the field of sports nutrition and the principles of ergogenic aids. The metabolism of nutrients will be emphasized as they pertain to athletic performance, and students will be familiarized with the nutritional practices that optimize athletic performance. In addition, body composition changes desirable to achieve optimal competitive efforts will be discussed.
Prerequisite: KINE-333
Terms Typically Offered: Spring.

## KINE-350 Kinesiology Internship 1-5 Credits

This course provides the student with opportunities to demonstrate competencies developed in previous courses by working in an agency under the supervision of a qualified practitioner. For every 1 credit of KINE 350 registered, the student will engage in 45 hours of internship. Terms Typically Offered: Fall, Spring, and Summer.

## KINE-380 Rehabilitation Techniques 3 Credits

This course is designed to meet the needs of students pursuing careers in physical therapy and athletic training. It is a beginning rehabilitation course for the purpose of instruction in the functional stages of rehabilitation along with teaching the student a variety of rehabilitation techniques specific to each body segment. The course will include lab sessions in rehabilitation techniques.
Prerequisite: KINE-260
Terms Typically Offered: On Demand.

## KINE-395 ECG and Exercise Testing 3 Credits

The course is designed to teach the students how to read and interpret an electrocardiogram as well as conduct and evaluate graded exercise tests. This course has great practical application for students who seek to pursue careers that involve exercise stress tests, especially cardiac rehabilitation. Lab fee.
Prerequisite: BIOL-304
Terms Typically Offered: Fall.

## KINE-421 Biomechanics 3 Credits

Provide students with an understanding of mechanical principles of movement and their application to performance. Qualitative and quantitative analyses of movement will be utilized.
Prerequisite: KINE-221
Terms Typically Offered: Spring.

## KINE-422 Ethics in Health Care 3 Credits

This course will introduce the student to the principles of medical ethics for the purpose of preparing the student for the difficult and controversial issues they will have to face in the allied health field. This class will enable the student to understand, consider, and place in the context the critical social, ethical, legal, and regulatory issues in the health care system.
Terms Typically Offered: Spring, even years.

## KINE-430 Principles of Strength \& Conditioning 3 Credits

This course takes a multi-faceted approach to the science of strength training. Topics to be covered include: exercise physiological concepts and applications, testing and evaluation, beginning and advanced flexibility and exercise techniques, program design, periodization, aerobic and anaerobic training considerations, nutrition, performance enhancing substances, exercise prescription for the athlete, and organization and administration of an exercise facility. This course will also provide an opportunity for the student to develop sport specific programs. Ultimately this course should prepare the student to successfully pass the National Strength and Conditioning Associations' exam for the Certified Strength and Conditioning Specialist credential (CSCS).
Prerequisite: KINE-323, KINE-329
Terms Typically Offered: Spring.

## KINE-433 Phys Educ/Secondary Schools 3 Credits

Provides the student with instruction and experience in teaching physical education to the secondary student. Through observation, research, and class lecture/discussion, the students will be equipped to develop and teach physical education curriculum. This course introduces principles that focus on the development of physical, social, emotional, and mental skills for the secondary student.
Prerequisite: KINE-325, KINE-335
Terms Typically Offered: On Demand.

## KINE-435 Physical Ed for Elem Schools 3 Credits

This course is designed to teach the student how to incorporate the components of movement, dance, fundamental movement patterns, fitness activities, and social skills into an educational movement program for children, specifically K-6.
Terms Typically Offered: Fall.

## KINE-440 Research/Stats in Kinesiology 3 Credits

The students are introduced to research design and methods as well as basic statistical procedures for analyzing data. The concepts learned in class are integrated into a data-based kinesiology research project. Prerequisite: Take MATH-265C
Terms Typically Offered: Fall.

## KINE-443 Sport Psychology 3 Credits

This course is designed to introduce students to the psychological aspects of sport and physical activity. From the sport perspective, emphasis will be placed on mental preparation of teams and individuals for competition. From the exercise perspective, group dynamics, motivation and exercise adherence will be covered.
Prerequisite: PSYC-103C
Terms Typically Offered: On Demand.

## KINE-450C Capstone Kinesiology Senior Project 3 Credits

This course is designed to integrate the student's faith with their profession. The student will have opportunities to engage other professionals within the field of Kinesiology through guest speakers, and will be given the opportunity to reflect on their own faith journey. Students will also be required to complete a senior research project on the topic of their choice with instructor guidance and permission Terms Typically Offered: Spring.

## KINE-451 Adapted Phys Activ, Rec \& Sport 3 Credits

Principles and procedures in selecting and sequencing learning activities of school age children with disabilities that require special physical programs or adapted activities in the regular program.
Terms Typically Offered: On Demand.

## KINE-455 Kinesiology Teaching Internship 1-3 Credits

The student will meet regular hours each week for classes and/or meetings that are established at the beginning of the semester with the supervising professor. The intern assists an instructor in planning and conducting a course and/or laboratory sessions. Course can be repeated for a maximum total of 3 units.
Terms Typically Offered: Fall and Spring.

## KINE-470 Special Topic: 1-3 Credits

Study in a special topic in the field of kinesiology. May be repeated for credit.
Prerequisite: Take Kine-221
Terms Typically Offered: On Demand.
KINE-480 Individual Studies 1-3 Credits
May be repeated for credit.
Terms Typically Offered: On Demand.

# Kinesiology B.S. with a Concentration in Health and Human Performance 

 Requirements| Code Title | Units |
| :---: | :---: |
| Core Curriculum Requirements (p.62) ${ }^{1}$ | 46 |
| Major Core Requirements | 47-51 |
| Health and Human Performance Concentration Requirements (p. 210) | 9 |
| Electives | 18-14 |
| Total Units | 120 |

Kinesiology Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| BIOL-204C | Human Anatomy | 4 |
| $\& 204 C L$ | and Human Anatomy Laboratory ${ }^{2}$ |  |
| BIOL-304 | Human Physiology |  |
| \& 304L | and Human Physiology Lab | 4 |
| MATH-265C | Intro to Statistical Methods (or) |  |
| MATH-270C | Health Professions Statistical Methods | 3 |
| KINE-150 | Biophysical Foundations of Kinesiology |  |
| KINE-150L | Biophysical Foundations of Kinesiology Lab | 3 |
| KINE-185 | Psychological and Sociocultural Foundations of | 3 |
| KINE-218 | Kinesiology | 3 |
| KINE-221 | Movement Anatomy | 3 |
| KINE-242 | Motor Behavior Across the Lifespan | 3 |
| KINE-323 | Physiology of Exercise | 3 |
| KINE-329 | Fitness Assessment and Exercise Prescription | 3 |
| KINE-333 | Principles of Nutrition and Metabolism | 4 |
| KINE-350 | Kinesiology Internship (3 units on average) | $1-5$ |
| KINE-421 | Biomechanics | 3 |
| KINE-440 | Research/Stats in Kinesiology | 3 |
| KINE-450C | Capstone Kinesiology Senior Project | 3 |
| Total $4 n i t s$ |  | 47 |

Total Units 47-51
1
Number of units required from the Core Curriculum not included in the major requirements below.

## 2

Fulfills university Core Curriculum requirement.

## Health and Human Performance Concentration

| Code | Title | Units |
| :--- | :--- | ---: |
| KINE-345 | Sports Nutrition | 3 |
| KINE-395 | ECG and Exercise Testing | 3 |

KINE-430
Principles of Strength \& Conditioning

ADDITIONAL COURSES/ELECTIVES TO BE BASED ON POSTGRADUATION PLANS.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Kinesiology.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| ENGL-120C | Persuasive Writing | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| NT-101C | New Testament Survey | 3 |
| KINE-150 | Biophysical Foundations of Kinesiology | 3 |
| KINE-150L | Biophysical Foundations of Kinesiology <br> Lab | 1 |
| CORE-100C | Cornerstone | 1 |
|  | Units | $\mathbf{1 4}$ |
| Year 1 Term 2 |  | 3 |
| BIOL-204C | Human Anatomy | 1 |
| BIOL-204CL | Human Anatomy Laboratory | 3 |
| KINE-218 | Injury Recognition and Management | 3 |
| KINE-185 | Psychological and Sociocultural | 3 |
| PSYC-103C | Foundations of Kinesiology | 3 |
| THEO-PLHD | Theology Core Requirement | 3 |
|  | Units | $\mathbf{1 6}$ |
| Year 2 Term 1 |  | 3 |
| KINE-221 | Movement Anatomy | 3 |
| BSPS-PLCR | History/Political Sci Core Requirement | 3 |
| ENGL-220 | Rese | 3 |
|  | Human Physiology | 3 |
|  |  | 3 |


| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| :--- | :--- | ---: |
|  | Units | $\mathbf{1 6}$ |
| Year 2 Term 2 |  |  |
| HIST-203C | World Civilizations I | 3 |
| KINE-242 | Motor Behavior Across the Lifespan | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| KINE-329 | Fitness Assessment and Exercise |  |
|  | Prescription |  |
| MATH-265C | Intro to Statistical Methods | 3 |
|  | Units | 3 |
| Year 3 Term 1 |  | $\mathbf{1 5}$ |
| THEO-300C | Developing a Christian World View |  |
| ENGL-230C | Literature and the Human Experience |  |
| KINE-333 | Principles of Nutrition and Metabolism | 3 |
| ELCT-PLHD6 | Electives 6 Units | 3 |
|  | Units | 6 |
| Year 3 Term 2 |  | $\mathbf{1 5}$ |
| FINA-215C | Intro to the Arts |  |
| KINE-323 | Physiology of Exercise | 3 |
| KINE-350 | Kinesiology Internship | 4 |
| KINE-345 | Sports Nutrition | $\mathbf{1 - 5}$ |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | 3 |


| Year 4 Term 1 |  |  |
| :--- | :--- | ---: |
| KINE-440 | Research/Stats in Kinesiology | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
| CHIS-400C | Christian Heritage | 3 |
| KINE-395 | ECG and Exercise Testing | 3 |
|  | Units | $\mathbf{1 2}$ |

Year 4 Term 2

| KINE-421 | Biomechanics | 3 |
| :--- | :--- | ---: |
| KINE-430 | Principles of Strength \& Conditioning | 3 |
| KINE-450C | Capstone Kinesiology Senior Project | 3 |
| ELCT-PLUD6 | Upper Division Elective | 6 |
|  | Units | $\mathbf{1 5}$ |
|  | Total Units | $\mathbf{1 1 7 - 1 2 1}$ |

## Kinesiology B.S. with a Concentration in Pre-Health Professions

Requirements

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements (p. 62) ${ }^{1}$ | 46 |
| Major Core Requirements | $47-51$ |
| Pre-Health Professions Concentration Requirements (p. 211) | 20 |
| Electives | $7-3$ |
| Total Units | $\mathbf{1 2 0}$ |

## Kinesiology Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| BIOL-204C | Human Anatomy | 4 |
| \& 204CL | and Human Anatomy Laboratory |  |
| BIOL-304 | Human Physiology |  |
| \& 304L | and Human Physiology Lab | 4 |
| MATH-265C | Intro to Statistical Methods (or) |  |
| MATH-270C | Health Professions Statistical Methods | 3 |
| KINE-150 | Biophysical Foundations of Kinesiology |  |
| KINE-150L | Biophysical Foundations of Kinesiology Lab | 3 |
| KINE-185 | Psychological and Sociocultural Foundations of | 3 |
| KINE-218 | Kinesiology | 3 |
| KINE-221 | Injury Recognition and Management | 3 |
| KINE-242 | Movement Anatomy | 3 |
| KINE-323 | Physiology of Exercise | 3 |
| KINE-329 | Fitness Assessment and Exercise Prescription | 3 |
| KINE-333 | Principles of Nutrition and Metabolism | 4 |
| KINE-350 | Kinesiology Internship (3 units on average) | $1-5$ |
| KINE-421 | Biomechanics | 3 |
| KINE-440 | Research/Stats in Kinesiology | 3 |
| KINE-450C | Capstone Kinesiology Senior Project | 3 |
| Total Units |  | $47-51$ |

1
Number of units required from the Core Curriculum not included in the major requirements below.

2
Fulfills university Core Curriculum requirement.

## Pre-Health Professions Concentration

| Code | Title | Units |
| :--- | :--- | ---: |
| BIOL-111 | Principles of Cell and Molecular Biology | 3 |
| BIOL-111L | Principles of Biology Lab | 1 |
| Select one of the following options: see advisor for recommendation <br> of chemistry choices <br> Option 1: | 8 |  |
| CHEM-120 <br> \& 120L | General Chemistry I |  |
| CHEM-121 <br> \& 121L | General Chemistry II <br> Ond General Chemistry II Lab |  |
| Option 2: |  |  |
| CHEM-210C | Integrated Chemistry |  |
| CHEM-210CL | Integrated Chemistry Laboratory |  |
| MATH-170C | Precalculus | 3 |
| KINE-235 | Medical Terminology | 2 |
| KINE-260 | Principles of Therapeutic Rehabilitation | 3 |
| Total Units |  | $\mathbf{2 0}$ |

## ADDITIONAL COURSES/ELECTIVES TO BE BASED ON POSTGRADUATION PLANS.

| Code | Title | Units |
| :--- | :--- | ---: |
| Suggested Electives |  |  |
| KINE-314A | Upper Extremity Injury Assmt | 2 |
| KINE-314B | Lower Extremity Injury Assmnt | 2 |
| KINE-380 | Rehabilitation Techniques | 3 |
| KINE-422 | Ethics in Health Care | 3 |
| PSCI-130C | General Physics I | 4 |
| \& 130CL | and General Physics I Lab | 4 |
| PSCI-131 | General Physics II |  |
| \& PSCI-130CL | and General Physics I Lab |  |
| BIOL (Electives in Biology) |  |  |
| CHEM (Electives in Chemistry) |  |  |
| PSYC (Electives in Psychology) |  |  |

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Kinesiology.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| KINE-150 | Biophysical Foundations of Kinesiology | 3 |
| KINE-150L | Biophysical Foundations of Kinesiology | 1 |
|  | Lab |  |
| ENGL-120C | Persuasive Writing | 3 |
| NT-101C | New Testament Survey | 3 |
| CORE-100C | Cornerstone | 1 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | $\mathbf{1 7}$ |
| Year 1 Term 2 |  |  |
| BIOL-204C | Human Anatomy | 3 |
| BIOL-204CL | Human Anatomy Laboratory | 1 |


| KINE-185 | Psychological and Sociocultural <br> Foundations of Kinesiology | 3 |
| :--- | :--- | ---: |
| THEO-PLHD | Theology Core Requirement | 3 |
| KINE-218 | Injury Recognition and Management | 3 |
| PSYC-103 | Introduction to Psychology | 3 |
|  | Units | $\mathbf{1 6}$ |
| Year 2 Term 1 |  | 3 |
| KINE-221 | Movement Anatomy | 3 |
| HSPS-PLCR | History/Political Sci Core Requirement | 3 |
| BIOL-111 | Principles of Cell and Molecular Biology | 3 |
| BIOL-111L | Principles of Biology Lab | 1 |
| KINE-235 | Medical Terminology | 2 |
| OT-201C | Old Testament Survey | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | $\mathbf{1 8}$ |

## Year 2 Term 2

| BIOL-304 | Human Physiology | 3 |
| :--- | :--- | ---: |
| BIOL-304L | Human Physiology Lab | 1 |
| COMM-201C | Speech Composition and Presentation | 3 |
| KINE-242 | Motor Behavior Across the Lifespan | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| MATH-PLSTAT | Math Sci Stat Or Into to Stat | 3 |
|  | Units | $\mathbf{1 6}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | ---: |
| KINE-333 | Principles of Nutrition and Metabolism | 3 |
| KINE-260 | Principles of Therapeutic Rehabilitation | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| CHEM-120 | General Chemistry I | 3 |
| CHEM-120L | General Chemistry I Lab | 1 |
|  | Units | $\mathbf{1 3}$ |

Year 3 Term 2

| KINE-329 | Fitness Assessment and Exercise | 3 |
| :--- | :--- | ---: |
|  | Prescription |  |
| KINE-323 | Physiology of Exercise | 4 |
| KINE-350 | Kinesiology Internship | $1-5$ |
| CHEM-121 | General Chemistry II | 3 |
| CHEM-121L | General Chemistry II Lab | 1 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
|  | Units | $\mathbf{1 5 - 1 9}$ |


| Year 4 Term 1 |  |  |
| :--- | :--- | ---: |
| KINE-440 | Research/Stats in Kinesiology | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
| CHIS-400C | Christian Heritage | 3 |
| ELCT-PLUD3 | Upper Division General Elective 3 Units | 3 |
|  | Units | $\mathbf{1 2}$ |

## Year 4 Term 2

KINE-421 Biomechanics 3
KINE-450C Capstone Kinesiology Senior Project 3

| ELCT-PLUD6 | Upper Division Elective | 6 |
| :--- | :--- | ---: |
|  | Units | $\mathbf{1 2}$ |
|  | Total Units | $\mathbf{1 1 9 - 1 2 3}$ |

Kinesiology Minor
Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| KINE-150 | Biophysical Foundations of Kinesiology | 3 |
| KINE-150L | Biophysical Foundations of Kinesiology Lab | 1 |
| KINE-185 | Psychological and Sociocultural Foundations of <br> Kinesiology | 3 |
| KINE-242 | Motor Behavior Across the Lifespan | 3 |
| Select four additional courses from other KINE offerings (determine <br> by post-graduation plans; some courses may require pre-requisites); <br> courses will be approved by the Kinesiology Department Chair. | 12 |  |

## Total Units

22

## Department of Mathematics and Physical Sciences

Mission: The Mathematics program serves a vital role in equipping students for a Spirit-empowered life of Christ-centered leadership and service and is particularly aligned with the Vanguard Mission by its contribution to providing Christian Educators with a missionary outlook and a spiritual mandate to care for God's people through education. Moreover, the Department serves to enhance students' problem-solving capacities and capabilities as well as improving their mental calculations and reasoning skills - all processes which eventually lead to lifelong success. Students are, therefore, prepared for careers in elementary or secondary education, for graduate studies in mathematics, or a career in applied mathematics. The department also provides background courses in mathematics necessary for other areas of study such as physics, chemistry, biology, or kinesiology. This subject matter preparation program is approved by the California Commission on Teacher Credentialing (CTC).

All majors in Natural and Physical Sciences are expected to make satisfactory academic progress toward graduation. In addition to the requirements established by the University, students must maintain a 2.0 in all major coursework. Further, the Department also requires a minimum grade of C - as completion for pre-requisites in science-related coursework for all students enrolled in MATH, BIOL, ENVR, CHEM, and PSCI courses, regardless of major.

## VISTA: Mathematics Education Emphasis Minor Courses

The Vanguard Integrated STEM Teacher Achievement Program (VISTA) is one of several Integrated Teaching Education Programs (ITEP) offered at Vanguard. The ITEP programs allows for students to complete not only their bachelor's degree but also the California Teaching Credential within four years. This is a great option for students preparing to teach mathematics at the secondary school level. The Bachelor of Science in Mathematics degree with this option is approved by the California Commission on Teacher Credentialing. Completion of this option will satisfy the subject matter requirement for the Single Subject Teaching Credential in Mathematics within four years. Students
wishing to graduate on a four year plan are still eligible to enroll in the fifth year credential program at Vanguard University or some other accredited college or university to complete subject requirements for the California Clear Teaching Credential in Mathematics (see the Graduate Program in Education for these requirements). Students completing this option must include MATH-315 Teaching/Tutoring, MATH-330 Number Theory, MATH-380 Elementary Analysis I, MATH-410 Abstract Algebra and MATH-420 Higher Geometry as a part of their degree program. They should also take ENGL-453 Language, Culture, and Linguistics and POLS-155C American Democracy (see program requirements).

## Program Learning Outcomes Program Learning Outcomes (PLOs)

A Vanguard University graduate in Mathematics will:

1. Demonstrate competence in mathematical abstraction.
2. Effectively communicate mathematics both orally and in writing.
3. Use the basic concepts of computer programming and numerical methods in solving mathematical and related problems.
4. Be able to independently investigate a mathematical topic.
5. Demonstrate facility with the theory and applications of calculus.

## Programs

## Majors:

There are six programs leading to five possible degrees in the Physical Sciences and Applied Mathematics Department; those programs are: Actuarial Science, Computer Science, Data Science, Engineering Physics, Mathematics, and Mathematics Teaching with an Education Minor (the VISTA program).

- Actuarial Science B.S. (p. 223)
- Computer Science B.S. (p. 224)
- Data Science B.S. (p. 226)
- Engineering Physics B.S. (p. 227)
- Mathematics B.S. (p. 228)
- Mathematics B.S. with an Education Minor (VISTA) (p. 230)


## Minors:

- Mathematics Minor (p. 231)


## California Teaching Credential:

- Mathematics Teaching Credential (p. 232)


## Courses

## Computer Sciences

## CSCI-100C Introduction to Computer Science 3 Credits

Introductory course in computer science and the study of algorithms appropriate for students in data-intensive disciplines. Topics include how computers work, simple algorithms and their efficiency, networking, databases, artificial intelligence, graphics, simulation and modeling, security and the social impact of computing.
Co-Requisite: CSCI-100CL
Terms Typically Offered: Fall.
CSCI-100CL Introduction to Computer Science Lab 1 Credit Introductory course in computer science and the study of algorithms appropriate for students in data-intensive disciplines. Topics include how computers work, simple algorithms and their efficiency, networking, databases, artificial intelligence, graphics, simulation and modeling, security and the social impact of computing. Students will gain a solid background in computing hardware and software networks, programming languages, and applications.
Co-Requisite: Take CSCI-100C;
Terms Typically Offered: Fall.

## CSCI-205 Cybersecurity 3 Credits

This course will provide a basic introduction to of all aspects of cybersecurity including business, policy and procedures, communications security, network security, security management, legal issues, political issues, and technical issues. This serves as the introduction to the cyber security track in the computer science program." Prerequisite: Take CSCI-100C CSCI-100CL;
Terms Typically Offered: Spring, odd years.

## CSCI-208 Java Programming 3 Credits

This course is designed to familiarize the student with programming as an activity and coding in the Java language in particular. It will also serve as an introduction to object-oriented programming in general. Topics covered will include: data types and operators; flow control statements; classes, objects, and methods; inheritance; packages and interfaces; exception handling; and input/output.
Prerequisite: Take CSCI-100C CSCI-100CL;
Terms Typically Offered: Fall and Spring.

## CSCI-270 Special Topic in Computer Science 3 Credits

Terms Typically Offered: On Demand.

## CSCI-309 Network Security and Digital Crime 3 Credits

This course provides an introduction to the methodology and procedures associated with digital forensic analysis in a network environment. Students will develop an understanding of the fundamentals associated with the topologies, protocols, and applications required to conduct forensic analysis in a network environment. Students will learn about the importance of network forensic principles, legal considerations, digital evidence controls, and documentation of forensic procedures. This course will incorporate demonstrations and laboratory exercises to reinforce practical applications of course instruction and will require an independent research paper related to the course topic.
Prerequisite: Take CSCI-205
Terms Typically Offered: Spring, even years.

## CSCI-317 Algorithms and Data Structure 3 Credits

Recommended MATH-375. Algorithms are recipes for solving computational problems. This course provides an introduction to mathematical modeling of computational problems. It covers the common algorithms, algorithmic paradigms, and data structures used to solve these problems. The course emphasizes the relationship between algorithms and programming and introduces basic performance measures and analysis techniques for these problems.
Prerequisite: Take MATH-181 MATH-181C or CSCI-208; Terms Typically Offered: Spring, even years.

## CSCI-320 Digital Forensics and Investigation 3 Credits

This course is an overview of the principles and practices of digital investigation. Fundamentals and the importance of digital forensics is emphasized. Students learn different techniques and procedures that enable them to perform a digital investigation with a primary focus on the analysis of physical storage media and volume analysis. It covers the major phases of digital investigation such as preservation, analysis and acquisition of artifacts that reside in hard disks and randomaccess memory. Upon completion of the course, students will be able to apply open-source forensics tools to perform digital investigations and understand the underlying theory behind these tools.
Prerequisite: Take CSCI-309
Terms Typically Offered: Spring, even years.

## CSCI-325 Introduction to Networks 3 Credits

An introduction to the design and analysis of computer communication networks. Topics include application layer protocols, Internet protocols, network interfaces, local and wide area networks, wireless networks, bridging and routing, and current topics. Lecture.
Prerequisite: Take CSCI-100C
Co-Requisite: Take CSCI-325L
Terms Typically Offered: Fall, odd years.

## CSCI-325L Introduction to Networks 1 Credit

This lab course reinforces some of the networking concepts that are taught in any introductory networking course. The lab is structured around exercises that highlight topics such as addressing, subnetting, bridging, ARP, routing (RIP, OSPF), TCP, ICMP, NAT, DHCP, DNS, etc. Students are required to review introductory networking material for each lab. Lab Fee.
Pre- or Co-Requisite: Take CSCI-325
Terms Typically Offered: Fall, odd years.

## CSCI-330 Operating Systems 3 Credits

This course will introduce modern operating systems. The course will begin with an overview of the structure of modern operating systems. And then will analyze in detail each of the major components of an operating system (from processes to threads), and explore more advanced topics in the field, including memory management and file input/output. Covers the classical internal algorithms and structures of operating systems, including CPU scheduling, memory management, and device management. Considers the unifying concept of the operating system as a collection of cooperating sequential processes. Covers topics including file systems, virtual memory, disk request scheduling, concurrent processes, deadlocks, security, and integrity. The focus is on UNIX-based operating systems, though learning will also cover alternative operating systems, including Windows. Lecture, 3 hours. A complementary lab course allows students to practice and implement topics from lecture.
Co-Requisite: Take CSCI-330L
Terms Typically Offered: Fall, even years.

## CSCI-330L Operating Systems Laboratory 1 Credit

Experimentally based laboratory that is complementary to the lecture. Introduction to the internals of operating systems; designing and implementing components within commercial operating systems: system calls, CPU scheduling, context switching, process management, memory management, file systems. Lab Fee.
Co-Requisite: Take CSCI-330
Terms Typically Offered: Fall, even years.

## CSCI-333 Web and Mobile App Developement 3 Credits

Mobile computing devices have become ubiquitous in our communities. In this course, focus is on the creation of mobile solutions for various modern platforms, including major mobile operating systems. HTML5, CSS and JavaScript are used to develop mobile web apps for smart phones and tablet/pad devices. Topics include CSS media queries, mobile user interfaces, platform-independent development, and best practices. Also covers geolocation, maps, audio, video, drawing, animation and offline apps. Provides an introduction to open-source mobile development frameworks, emulators, conversion to native apps, performance and testing. Intended for students with previous programming experience.
Prerequisite: Take CSCI-208;
Terms Typically Offered: Spring, odd years.

## CSCI-340 Python Programming 3 Credits

Introduction to programming basics (what it is and how it works), binary computation, problem-solving methods and algorithm development. Includes procedural and data abstractions, program design, debugging, testing, and documentation. Covers data types, control structures, functions, parameter passing, library functions, arrays, inheritance and object oriented design. Lecture Lab Combination. Laboratory exercises in Python.
Prerequisite: Take CSCI-100C
Terms Typically Offered: Fall, odd years.

## CSCI-415 Computer Architecture 3 Credits

Modern computer technology requires an understanding of both hardware and software, since the interaction between the two offers a framework for mastering the fundamentals of computing. The purpose of this course is to cultivate an understanding of modern computing technology through an in-depth study of the interface between hardware and software. An overview of computer architecture, which stresses the underlying design principles and the impact of these principles on computer performance will be surveyed. General topics include design methodology, processor design, control design, memory organization, system organization, and parallel processing. Lecture, 3 hours. A complementary lab course allows students to practice and implement topics from lecture.
Prerequisite: Take CSCI-208, CSCI-330;
Co-Requisite: Take CSCI-415L
Terms Typically Offered: Fall, even years.

## CSCI-415L Computer Architecture 1 Credit

This is the laboratory class associated with CSCl-415 Introduction to Computer Architecture. Over the course of the quarter, you will design a processor that implements an instruction set of your own design. It provides the chance to grapple first-hand with the issues of processor design. Lab fee.
Co-Requisite: Take CSCI-415
Terms Typically Offered: Fall, even years.

## CSCI-425 Computing Theory 3 Credits

The goal of this course is to understand the fundamental limits on what can be efficiently computed in our universe and other possible universes. These limits reveal deep and mysterious properties about information, knowledge, and processing, as well as practical issues about what can and cannot be computed. The course introduces the foundations of automata theory, computability theory, and complexity theory. Shows relationship between automata and formal languages. Addresses the issue of which problems can be solved by computational means (decidability vs undecidability), and introduces concepts related to computational complexity of problems. Lecture, 3 hours.
Prerequisite: Take CSCl-317
Terms Typically Offered: Spring, odd years.

## CSCI-430 Cryptology 3 Credits

The objective of this course is to provide a foundation of cryptography in an applied manner so that students can grasp its importance in relation to the rest of information security. The course covers principles of number theory and cryptographic algorithms and cryptanalysis.
Topics include: steganography, block and stream ciphers, secret key encryption (DES, AES, RC-n), primes, random numbers, factoring, and discrete logarithms; Public key encryption (RSA, Diffie-Hellman, Elliptic curve cryptography); Key management, hash functions, digital signatures, certificates and authentication protocols. Cryptanalytic methods (known, chosen plaintext etc.) for secret and public key schemes (linear and differential cryptanalysis, Pollard's rho method, number field sieve, etc.) Recommended to take Math-330.
Prerequisite: Take CSCI-317
Terms Typically Offered: Spring, odd years.

## CSCI-450 Ug Research Internship Program 1-4 Credits

This course may be taken for a maximum of four (4) units in one semester. A maximum of six (6) combined unit credits for CSCI-450 or CSCI-485 apply to graduation. This course is designed with the purpose of providing students the opportunity to conduct research off-campus at universities or companies in the community. This course promotes early entry into the workplace for the student through part-time employment. This course requires actual work experience be sought in an appropriate business firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned instructor. Students are responsible for completing a project report and presenting their research results in CSCI-499C
Terms Typically Offered: On Demand.

## CSCI-470 Special Topic in Computer Science 3 Credits

Terms Typically Offered: On Demand.
CSCI-485 Undergraduate Computer Science Research 1-4 Credits This course provides the student with an empirically-based research experience in the computer sciences. Emphasis will be placed on project management, software development, and research documentation skills. This course is a variable credit course. Two units are recommended for all computer science majors. It is expected that a research report be completed at the conclusion of the research project and an oral presentation of the results be given in CSCl-499C. This course may be repeated for credit. Lab fee.
Terms Typically Offered: Summer.

## CSCI-488 Computer Science Senior Project 2 Credits

An advanced course providing the opportunity for a student to create a novel and independent intellectual work by comparing, contrasting and synthesizing recent research and his/her cumulative knowledge and understanding in the computer sciences. The precise nature, scope and format of the project must be developed and approved under the guidance of the instructor and in collaboration with the student's academic advisor. Senior projects are typically initiated in the Fall. The project results must also be presented in $\mathrm{CSCl}-499 \mathrm{C}$.
Terms Typically Offered: Fall.

## CSCI-499C Capstone Seminar in Computer Science 2 Credits

This course includes analysis and evaluation of current research in computer sciences and the integration of faith and learning in the computer sciences. An oral presentation of research from CSCI 450, 485 , or 488 is required. In-class presentations by faculty and guests are a part of the course. This course fulfills the Core Curriculum Capstone requirement for Computer Science majors. Prerequisite: Take CSCl-450, CSCl-485, CSCI-488;

## Data Sciences

DSCI-100C Introduction to Data Science 3 Credits
This course will introduce students to this rapidly growing field and equip them with some of its basic principles and tools as well as its general mindset. Students will learn the concepts, techniques and tools they need to deal with various facets of data science practice, including data collection and integration, exploratory data analysis, predictive modeling, descriptive modeling, data product creation, evaluation and effective communication. The focus in the treatment of these topics will be on breadth, rather than depth, and emphasis will be placed on integration and synthesis of concepts and their application to solving problems. To make the learning contextual, real datasets from a variety of disciplines will be used.
Co-Requisite: DSCI-100CL
Terms Typically Offered: Fall.

## DSCI-100CL Introduction to Data Science Laboratory 1 Credit

Co-Requisite: DSCI-100CL This course will introduce students to this rapidly growing field and equip them with some of its basic principles and tools as well as its general mindset. Students will learn concepts, techniques and tools they need to deal with various facets of data science practice, including data collection and integration, exploratory data analysis, predictive modeling, descriptive modeling, data product creation, evaluation, and effective communication. The focus in the treatment of these topics will be on breadth, rather than depth, and emphasis will be placed on integration and synthesis of concepts and their application to solving problems. To make the learning contextual, real datasets from a variety of disciplines will be used.
Co-Requisite: Must take DSCI-100C at same time.
Terms Typically Offered: Fall.

## DSCI-300 Database Management 3 Credits

Developing and managing efficient and effective database applications requires understanding the fundamentals of database management systems, techniques for the design of databases, and principles of database administration. This course emphasizes database concepts, developments, use and management in three main sections: database concepts, practice, and emerging trends. Relational database systems are the main focus, but other types, including object-oriented databases, are studied. Practical design of databases and developing database applications using modern software tools will be emphasized. Terms Typically Offered: Fall, even years.

## DSCI-350 Data Mining 3 Credits

Recommended CSCI-340. Data Mining studies algorithms and computational paradigms that allow computers to find patterns and regularities in databases, perform prediction and forecasting, and generally improve their performance through interaction with data. It is currently regarded as the key element of a more general process called Knowledge Discovery that deals with extracting useful knowledge from raw data. The knowledge discovery process includes data selection, cleaning, coding, using different statistical and machine learning techniques, and visualization of the generated structures. The course will cover all these issues and will illustrate the whole process by examples. Special emphasis will be given to the Machine Learning methods as they provide the real knowledge discovery tools. Important related technologies such as data warehousing and online analytical processing (OLAP), will be also discussed. The students will use recent Data Mining software.
Terms Typically Offered: Spring, even years.

## DSCI-410 Data Visualization 3 Credits

Visualization is increasingly important in this era where the use of data is growing in many different fields. Data visualization techniques allow people to use their perception to better understand this data. The goal of this course is to introduce students to data visualization including both the principles and techniques. Students will learn the value of visualization, specific techniques in information visualiziation and scientific visualization, and understand how best to leverage visualization methods.
Prerequisite: DSCI-350
Terms Typically Offered: Fall, odd years.

## DSCI-415 Experimental Design, Statistical Analysi 3 Credits

Introduces advanced statistical concepts and analytical methods for the experimental needs and data encountered in computer, data and physical sciences. Experimental design/conduct, quantitative analysis of data, and statistical inferences and interpretations are studied for scientific hypothesis testing, as well as clinical trials. Explores methodological approaches to bioassay development/testing and provides a foundation for critically evaluating information to support research findings, product claims, and technology opportunities. Students apply statistical analysis software and write algorithms in programming languages commonly used in technology and professional science industries (ie. Python). Topics include statistical tools such as Bayesian statistics, Markov processes, and information theoretic indices.

## DSCI-450 Ug Research Internship Program 1-4 Credits

This course may be taken for a maximum of four (4) units in one semester. A maximum of six (6) combined unit credits for DSCI-450 or DSCI-485 apply to graduation. This course is designed with the purpose of providing students the opportunity to conduct research off-campus at universities or companies in the community. This course promotes early entry into the workplace for the student through part-time employment. This course requires actual work experience be sought in an appropriate business firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned instructor. Students are responsible for completing a project report and presenting their research results in DSCI-499C
Terms Typically Offered: Summer.

DSCI-485 Undergraduate Data Science Research 1-4 Credits
This course provides the student with an empirically-based research experience in the data sciences. Emphasis will be placed on project management, software development, and research documentation skills. This course is a variable credit course. Two units are recommended for all data science majors. It is expected that a research report be completed at the conclusion of the research project and an oral presentation of the results be given in DSCI-499C. This course may be repeated for credit. Lab fee.
Terms Typically Offered: Summer.

## DSCI-488 Computer Science Senior Project 2 Credits

An advanced course providing the opportunity for a student to create a novel and independent intellectual work by comparing, contrasting and synthesizing recent research and his/her cumulative knowledge and understanding in the computer sciences. The precise nature, scope and format of the project must be developed and approved under the guidance of the instructor and in collaboration with the student's academic advisor. Senior projects are typically initiated in the Fall. The project results must also be presented in CSCl-499C.
Terms Typically Offered: Fall.

## DSCI-499C Capstone Seminar in DSCI 2 Credits

This course includes analysis and evaluation of current research in the data sciences and the integration of faith and learning in the data sciences. An oral presentation of research from DSCI 450, 485, or 488 is required. In-class presentations by faculty and guests are a part of the course. This course fulfills the Core Curriculum Capstone requirement for Data Science majors.
Prerequisite: Take DSCI-450, DSCI-485;
Terms Typically Offered: Spring.

## Engineering Physics

## ENGR-307 Computational Problem Solving 4 Credits

Cross-list with MATH-307. While this course is designed for students with majors in the engineering and physical sciences and applied mathematics it is open to all majors. The course will focus on scientific computing and problem-solving using MATLAB and/or similar programing tools. Topics studied include: the design of algorithms, algorithmic problem solving, abstraction, pseudocode, and iteration, important algorithms of computer science, methods used by computer scientists to classify algorithms according to their efficiencies, making predictions of execution times for algorithms, converting algorithms to programming languages such as Visual Basic, C++ and MATLAB. The course will focus on scientific computing and problem-solving using MATLAB and/or similar programing tools). The goal of the course is to design and execute computer programs using practical applications of the following: matrix algebra, and numerical integration of ordinary differential equations (ODEs). The course will also include applying the methodology for solving systems of linear and nonlinear equations and analysis of numerical results. Lab Fee.
Prerequisite: Take CSCI-100C CSCI-100CL MATH-180C;

## ENGR-310 Electronics I 3 Credits

An introduction to the theory and application of electronic (analog and digital) circuits and devices. The course focuses on the analysis and building of simple electronic circuits. Topics covered include: steady state circuit analysis using complex numbers, simple time-domain analysis and circuit simulation software, semiconductor physics, junctions and transistors, amplifiers, feedback, control circuits, filters, oscillators, optoelectronic devices, electronic noise and signal to noise improvement, field effect transistors, logic gates, digital electronics, signal processing and hybrid analog/digital circuits, and AM/FM and high frequency circuits.
Prerequisite: PSCI-225
Co-Requisite: ENGR-310L
Pre- or Co-Requisite: MATH-310
Terms Typically Offered: Fall, even years.

## ENGR-310L Electronics I Lab 1 Credit

This course supports the ENGR-310 lecture.
Prerequisite: PSCI-225L
Co-Requisite: ENGR-310
Terms Typically Offered: Fall, even years.

## ENGR-320 Optics 4 Credits

This is an introductory Optics course with emphasis on applying lectured, theoretical principles in a hands-on setting. This course will cover the fundamental properties of light propagation and interaction with amtter under the approximations of geometrical optics and scalar wave optics. In particular, topics in geometrical optics will include: ray-tracing, aberrations, lens design, apertures and stops, radiometry and photometry. Topics covered in wave optics include: basic electrodynamics, polarization, interference, wave-guiding, Fresnel and Fraunhofer diffraction, image formation, resolution.
Prerequisite: PSCI-225
Co-Requisite: ENGR-320L
Terms Typically Offered: Fall, odd years.
ENGR-320L Optics Labratory 1 Credit
This course supports the ENGR-320 lecture.
Prerequisite: PSCI-225L
Co-Requisite: ENGR-320
Terms Typically Offered: Fall, odd years.

## ENGR-400 Introduction to Materials Science Engr. 3 Credits

Topics include: 1. Atomic structure, chemical bonding, crystal structure, defects, diffusion, phase diagrams, mechanical and magnetic properties, thermal, electrical and optical behavior; 2. Correlation of the mechanical, electrical and optical properties of different material systems such as metals and alloys, ceramics, polymers to the microstructure of the material; 3. How material properties are influenced by thermal and mechanical treatments; 4. Strengthening mechanisms in materials; 5 . The effects of the environment on materials and the possible failure modes of structures; 6. Application of material systems in photonics, microelectronics, and other technology fields; 7. Design limitation for metal alloys, ceramics, semiconductors and polymers; 8. Application of materials design concepts to selecting the material most suitable for a given application.
Prerequisite: Take PSCI-223C PSCI-223CL PSCI-225 PSCI-225L
CHEM-120L;CHEM-120
Co-Requisite: ENGR-400L
Terms Typically Offered: Spring, odd years.

ENGR-400L Intro/Materials Science Laboratory 1 Credit
This laboratory course supports the ENGR-400 lecture. Lab Fee. Prerequisite: Take CHEM-121L PSCI-225L PSCI-227L;
Co-Requisite: ENGR-400
Terms Typically Offered: Spring, odd years.

## ENGR-450 Research Internship Program 1-4 Credits

This course may be taken for a maximum of 4 units in one semester. A maximum of 6 combined units credit for ENGR-450 or ENGR-485 apply to graduation. This course is designed with the purpose of providing students the opportunity to conduct research off-campus at universities or STEM companies in the community. This course promotes early entry into the workplace for the student through part-time employment. This course requires actual work experience be sought in an engineering or STEM-focused business firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned instructor. Students are responsible for completing a project report and presenting their research results in ENGR-499C Prerequisite: Take PSCI-225;
Terms Typically Offered: On Demand.

## ENGR-485 Undergraduate Research 1-4 Credits

Problems in advanced laboratory research with emphasis on research techniques. Research is carried out under the supervision of the instructor with weekly conferences to discuss results and direction. Emphasis will be placed on project management, safety, instrumentation, solution preparation, and research documentation skills. A written proposal and report emphasizing the literature background of the problem and the experimental results are required. The results of the research project will also be presented in an oral format in ENGR-499C. This course is a variable credit course. At least two units of ENGR-450 or ENGR-485 are required for all engineering physics majors. A minimum of 50 hours of laboratory work is required per unit. May be repeated. Lab fee. Prerequisite: Take PSCI-225;
Terms Typically Offered: Summer.

## ENGR-499C Engineering Physics Capstone Seminar 2 Credits

This course analysis and evaluation of current research in engineering and physics and the integration of faith and the physical sciences. An oral presentation of the research accomplished in ENGR 450 or ENGR 485 in a classroom setting is required. In-class presentations by faculty and guests are part of the course. This course fulfills the Core Curriculum Capstone requirement for Engineering Physics majors.
Prerequisite: Take ENGR-450 or ENGR-485;
Terms Typically Offered: Spring.

## Mathematics

## MATH-104 Math for Liberal Arts 3 Credits

A non-technical course emphasizing the ideas and concepts of mathematics. Algebra, number theory, set theory, geometry, statistics, probability, and analysis of the ideas and methods involved.

## MATH-105 Essential Mathematics 4 Credits

This course prepares students to understand the essential mathematical concepts in number sense, elementary algebra, sets of numbers, problem solving, ratios, proportions, percentages, and graphing linear equations and inequalities. The course is designed to introduce students to practical mathematical skills necessary for courses in business and statistics. Emphasis will be placed on the structural and logical foundations of business. (Meets Elective requirement only; not applicable to Natural Science/Math requirement). (School for Professional Studies course).

## MATH-106 Business Math 3 Credits

This course applies the principles and practices of mathematics to everyday business problems and situations. The course prepares students to understand the mathematical and business concepts in problem solving, ratios and proportions, percentages, simple and compound interest, graphing linear functions, and inventory valuation. The course introduces students to common mathematical skills necessary for courses in business. (Meets Natural Science/Math requirement). (School for Professional Studies Course).

## MATH-109 Mathematics for Statistics 4 Credits

This course prepares students to understand the mathematical and statistical concepts in problem solving, critical thinking, ratios and proportions, algebraic equations, sets and logic, probability and statistics, including frequency of distribution, statistical graphs, measures of central tendency, and measure of position and dispersion. The course introduces students to common mathematical skills necessary for coursework in statistics. (Meets Natural Science/Math requirement). (School for Professional Studies Course).

## MATH-115C Applied Mathematics and Personal Finance 3 Credits

 This course introduces the use of mathematics as a logically thinking and problem-solving tool of practical applications, emphasizing inductive and deductive reasoning, graphs, tables, percentage as it applies to loans, mortgages, credit cards, etc., probability, statistics, and the use and misuse of numbers. Applications include variables, conditionals, and statistical functions. Fulfills the core curriculum requirement in mathematics.Terms Typically Offered: Fall and Spring.

## MATH-116 College Algebra 3 Credits

Sets and real numbers, linear equations and inequalities, polynomials, functions, graphing linear and polynomial functions, exponential and logarithmic functions, systems of equations, matrices and determinants, sequences and series.

## MATH-116C College Algebra 3 Credits

Sets and real numbers, linear equations and inequalities, polynomials, functions, graphing linear and polynomial functions, exponential and logarithmic functions, systems of equations, matrices and determinants, sequences and series. Fulfills the Math CORE requirement.

## MATH-120 Math for Elementary Teachers 3 Credits

Introductory set theory, problem solving, basic algorithms, elementary number theory, geometry and coordinate geometry. Emphasis will be on the structural and logical foundations of mathematics. Prerequisite: Take MATH-115C, MATH-170C, or MATH-180C; Terms Typically Offered: Fall and Spring.

## MATH-145C Data Analysis 3 Credits

This course introduces the use of mathematics as a thinking and problem-solving tool, emphasizing data interpretation, graphs, tables, statistical arguments, probability, statistics, and the use and misuse of numbers. Spreadsheet applications include variables, conditionals, and statistical functions. Students majoring in Mathematics are exempt from taking the core curriculum requirement in mathematics.

## MATH-170C Precalculus 3 Credits

Equations and inequalities; systems of linear equations: functions, graphs, exponential, logarithmic, and trigonometric functions and their limits; polynomial and rational functions; analytic geometry. Fulfills the core curriculum requirement in mathematics.
Terms Typically Offered: Fall and Spring.

## MATH-180C Calculus 14 Credits

Graphing of functions, logarithmic functions and their inverses; limit of functions and derivatives; rules of differentiation and their application; definite and indefinite integrals. Fulfills the core curriculum requirement in mathematics.
Prerequisite: MATH-170c or Permission of Instructor Terms Typically Offered: Fall and Spring.

## MATH-181C Calculus II 4 Credits

Application of integration for volumes, work and areas; advanced techniques of integration; advanced application of integration; first order differential equations; parametric equations and polar coordinates; infinite sequences and series.
Prerequisite: MATH-180C
Terms Typically Offered: Fall and Spring.

## MATH-235 Statistics for Health Professionals 3 Credits

Limited to those enrolled in Health Sciences. Meets statistics prerequisite for NURS 405. This course introduces the conceptual background of statistical techniques and reasoning with an emphasis on application relevant to identifying outcomes. Provides a framework for understanding and applying commonly used data analysis techniques in health science research. Includes selecting, applying, and interpreting univariate and bivariate statistical methods in answering research questions from a health science perspective. (School for Professional Studies Course).

## MATH-265C Intro to Statistical Methods 3 Credits

This course is cross listed with PSYC-265C and SOC-265C. A course in basic statistical concepts and methods of collecting, summarizing, presenting, and interpreting data in the behavioral sciences; including descriptive statistics (use of graphs and charts), normal distribution curve, measures of central tendency, deviation and dispersion, hypothesis testing, statistical fallacies, correlation, and topics in probability. Students majoring in Accounting, Anthropology, Psychology, or Sociology must take MATH-265C, PSYC-265C, or SOC-265C to fulfill the core curriculum requirement in mathematics. Fulfills the core curriculum requirement in mathematics for students majoring in Accounting, Anthropology, Psychology, or Sociology.
Terms Typically Offered: Fall and Spring.

## MATH-270C Health Professions Statistical Methods 3 Credits

Meets statistics pre-requisite for NURS-405. The focus of this course is on exploring the statistical methods used in health professions. Students review parametric and nonparametric techniques and explore the purpose, assumptions, selection, and interpretation of descriptive and inferential statistics. As part of the course, students use Microsoft Excel to organize and analyze data sets. Open to all undergraduate health science students.
Terms Typically Offered: Fall and Spring.

## MATH-281 Multivariable Calculus 4 Credits

Vectors and geometry of space including cylindrical and spherical coordinates; vector functions and space curves with vector calculus, partial derivatives with directional derivatives and applications; multiple integrals with various coordinate systems with application.
Prerequisite: MATH-181C

## MATH-285 Introduction to Advanced Mathematics 3 Credits

A course for both mathematics and mathematics education majors. Covers the fundamentals of axiomatic proof theory including laws of inference, set theory, induction, cardinality, relations and functions. Prerequisite: MATH-180C
Terms Typically Offered: Spring.
MATH-293 Special Topic: 3 Credits
Study of a special topic in mathematics. May be repeated for credit.
MATH-294 Sp Top: Into to Comp Science 4 Credits
Study of a special topic in mathematics. May be repeated for credit.

## MATH-300 Linear Algebra 3 Credits

Systems of linear equations, vector spaces, linear mappings, matrices and matrix algebra, eigenvectors and eigenvalues, Cayley-Hamilton theorem, quadratic forms, and applications.
Prerequisite: MATH-285
Terms Typically Offered: Fall.

## MATH-307 Not Approved 4 Credits

The course will focus on scientific computing and problem-solving using the MATLAB coding language. Topics studied include: the design of algorithms, algorithmic problem solving, abstraction, pseudocode, and iteration, important algorithms of computer science, methods used by computer scientists to classify algorithms according to their efficiencies, and making predictions of execution times for algorithms. The course will focus on scientific computing and problem-solving using MATLAB and/ or similar programming tools). The goal of the course is to familiarize students with coding in MATLAB and the numerical methods used to solve both non-linear equations and systems of linear equations.
Pre- or Co-Requisite: Take CSCI-100C, CSCI-100CL, MATH-180C,
MATH-300
Terms Typically Offered: Fall, even years.

## MATH-310 Differential Equations 3 Credits

Methods of solution of ordinary differential equations and applications. Prerequisite: MATH-281, MATH-300
Terms Typically Offered: Spring.

## MATH-315 Teaching/Tutoring 3 Credits

Students seeking to complete the Single Subject Matter Program in English must take this course as part of that program to ensure they are integrating literary content with their pedagogical experience. This course provides the philosophical background and classroom experience necessary to introduce the student to the teaching profession in a public or private school in a multicultural environment. The purpose of the class is to assist the student in gaining an understanding of the resources and challenges facing a teacher serving a linguistically and culturally diverse student population. Discussion focuses on the major professional organizations and educational research related to the philosophical, historical, and demographic developments of American education. Students complete a 30 -hour field work component to observe classroom management and organization, Specially Designed Academic Instruction Delivered in English (SDAIE) instructional practices, and the curricula of grades $\mathrm{K}-12$. The role and function of Christian beliefs and values in the public school are integrated throughout the course. This course is a prerequisite requirement for Multiple and Single Subject Credential programs. Lab fee.

## MATH-330 Number Theory 3 Credits

Divisibility properties of integers, prime numbers, the Euclidean algorithm, the unique factorization theorem, congruences, Fermat's theorem, Wilson's theorem, Diophantine equations, number-theoretic functions, and the quadratic reciprocity theorem.
Prerequisite: MATH-285
Terms Typically Offered: Spring, even years.

## MATH-365 Probability and Statistics 3 Credits

Frequency interpretation of probability, axioms of probability theory, discrete probability and combinatorics, random variables, distribution and density functions, sampling theory and limit theorems.
Prerequisite: MATH-281, MATH-285

## MATH-370 History of Mathematics 3 Credits

An introduction to the history of mathematics from ancient times to the twentieth century, with applications to elementary mathematics through calculus.
Prerequisite: MATH-180C
Terms Typically Offered: Fall, even years.

## MATH-375 Discrete Mathematics 3 Credits

This course is designed to study graph theory including networks, voting systems including game theory and fair apportionment, and patterns.
Prerequisite: MATH-181C, MATH-285
Terms Typically Offered: Fall, odd years.

## MATH-380 Elementary Analysis I 3 Credits

Rigorous analysis of the calculus and its foundations. Continuous and differentiable functions, and topological properties of the real number line.
Prerequisite: MATH-281, MATH-285
Terms Typically Offered: Spring, even years.

## MATH-390 Numerical Analysis 3 Credits

Numerical solution of algebraic equations. Approximate numerical solutions of systems of linear and nonlinear equations, interpolation theory, numerical differentiation and integration, and numerical solution of ordinary differential equations.
Prerequisite: Take MATH-307, ENGR-307, MATH-181C
Terms Typically Offered: Spring, even years.

## MATH-400 Casualty \& Actuarial Mathematics 3 Credits

The course covers concepts from calculus and probability as they pertain to actuarial sciences. The calculus part covers limits of functions, derivative and integration and their applications, power series and polar coordinates, multivariate differentiation and integration. The probability part covers basic concepts of probability, conditional probability and Bayes' theorem, discrete and continuous random variables and distributions, bivariate distributions, conditional expectation and variance, transformations of random variables and moment generating function. The pace will be fast and the stress will be on the SOA/CAS Course 1 exam-type of word problems.
Prerequisite: Take MATH-281, MATH-365
Terms Typically Offered: Spring, even years.

## MATH-410 Abstract Algebra 3 Credits

Recommended MATH-310 and MATH-330. Group theory centered on group isomorphisms and homomorphisms. Symmetry, Burnside's Lemma, Group Actions, and the Sylow Theorems. Lattices and Boolean algebras. An introduction to rings and fields, especially polynomial rings, splitting fields, and extension fields.
Prerequisite: MATH-285, MATH-310
Terms Typically Offered: Fall, even years.

## MATH-420 Higher Geometry 3 Credits

Euclidean geometry from an advanced standpoint, and topics in nonEuclidean geometry.
Prerequisite: MATH-285
Terms Typically Offered: Spring, odd years.
MATH-450 UG Research and Internship Program 1-4 Credits This course may be taken for a maximum of four (4) units in one semester. A maximum of six (6) combined unit credits for MATH-450, DSCI-450, CSCI 450, DSCI-485 and CSCI-485 apply to graduation. This course is designed with the purpose of providing students the opportunity to apprentice with actuarial companies in the community. This course promotes early entry into the workplace for the student through part-time employment. This course requires actual work experience be sought in an appropriate business firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned instructor. Students are responsible for completing a project report and presenting their work experience in MATH-499C."
Terms Typically Offered: On Demand.
MATH-455 Mathematics Teaching Internship 1-3 Credits
Must have the consent of the instructor and department chair. Regular hours each week for classes and/or meetings are established at the beginning of the semester with the supervising instructor. The intern assists an instructor in planning and conducting a course and/or laboratory session. This course may be taken for 1-3 units per semester. May be repeated for a maximum of six units.
Terms Typically Offered: Fall and Spring.

## MATH-485 Undergraduate Mathematics Research 2 Credits

This course provides the student with a research experience in mathematics. Emphasis will be placed on project management, professional proofs, computer-aided mathematical exploration, and research documentation skills. This course is a variable credit course. Two units are recommended for all mathematics majors intending to attend graduate school. It is expected that a research report be completed at the conclusion of the research project and an oral presentation of the results be given in MATH-499C. This course may be repeated for credit."
Prerequisite: MATH-285
Terms Typically Offered: Summer.

## MATH-488 Senior Project 2 Credits

An advanced course providing the opportunity for a student to create a novel and independent intellectual work by comparing, contrasting and synthesizing recent research and his/her cumulative knowledge and understanding in mathematics. The precise nature, scope and format of the project must be developed and approved under the guidance of the instructor and in collaboration with the student's academic advisor. Senior projects are typically initiated in the Fall. The project results must also be presented in MATH-499C
Prerequisite: MATH-285
Terms Typically Offered: Fall.

## MATH-499C Mathematics Capstone 2 Credits

This course includes analysis and evaluation of current research in mathematics and the integration of faith and learning in mathematics. An oral presentation of research from MATH 485 or 488 is required. In-class presentations by faculty and guests are a part of the course. This course fulfills the Core Curriculum Capstone requirement for Mathematics majors
Terms Typically Offered: Spring.

## Physical Sciences

PSCI-130 Introduction to Physics I 3 Credits
Prerequisite: MISSING PREREQ: MATH-117
Pre- or Co-Requisite: Take PSCI-130L

## PSCI-130C General Physics I 3 Credits

This is a trigonometry based course in mechanics and heat. Topics include kinematics, Newton's Laws, rotational motion, fluid mechanics, and laws of thermodynamics. A knowledge of algebra, trigonometry, and vectors is necessary for success in this class. Should students not be prepared to succeed in general physics $I$, it is recommended that students complete MATH-170C or MATH-180C before taking general physics I. Three hours of lecture. This course fulfills the core curriculum lecture requirement in natural sciences.
Co-Requisite: PSCI-130CL
Terms Typically Offered: Fall.

## PSCI-130CL General Physics I Lab 1 Credit

Laboratory experiments will demonstrate principles studied during lecture sessions. These experiments demonstrate principles in the areas of rotational motion, momentum, fluid mechanics, heat transfer, friction and conservation of mechanical energy. A knowledge of algebra, trigonometry, and vectors is necessary for success in this class. Should students not be prepared to succeed in general physics I lab, it is recommended that students complete MATH-170C or MATH-180C before taking general physics I lab. This course fulfills the core curriculum laboratory requirement in the natural sciences. Laboratory three hours. Lab fee.
Co-Requisite: PSCI-130C

## PSCI-131 General Physics II 3 Credits

This is a trigonometry based course in electricity, magnetism, sound and light. Topics include mechanical waves, sound, Coulomb's Law, electrostatics, electric circuits, introductory electronics, magnetic fields, induction, wave mechanics, geometrical optics, interference, diffraction and polarization. Three hours of lecture. This course fulfills the core curriculum lecture requirement in natural science.
Prerequisite: PSCI-130C
Co-Requisite: PSCI-131L
Terms Typically Offered: Spring.

## PSCI-131L General Physics II Lab 1 Credit

Laboratory experiments will demonstrate principles studied during lecture sessions. These experiments demonstrate principles in the areas of electrical current, electrical potential, electrical circuits, magnetic fields, optics, wave motion, and optics. This course fulfills the core curriculum laboratory requirement in the natural sciences. Laboratory three hours. Lab fee.
Prerequisite: PSCI-130CL
Co-Requisite: PSCI-131
Terms Typically Offered: Spring.

## PSCI-215 Fundamentals of Earth Science 4 Credits

Earth science including physical and historical geology, meteorology, and descriptive astronomy; the economic, social, and philosophical aspects of the subject matter. Lab fee. (meets Natural Science/Math requirement). (School for Professional Studies Course).
Terms Typically Offered: Fall.

## PSCI-215C Fundamentals of Earth Science 3 Credits

Earth Science including physical and historical geology, oceanography, and descriptive astronomy; economic, social, and philosophical aspects of the subject matter. A three-day field trip is required. This course is recommended for Liberal Studies majors. Lecture three hours each week. This course fulfills the core curriculum lecture requirement in the natural sciences. Fee for the field trip for those not concurrently enrolled in PSCI 215-CL.
Terms Typically Offered: Fall.
PSCI-215CL Fundamentals of Earth Science Lab 1 Credit
Classification of rocks, visiting various geological sites, use of topographic and geological maps, oceanographic sampling and techniques, climactic patterns, meteorological measurements, and the use of an astronomical telescope. This course fulfills the core curriculum laboratory requirement in the natural sciences. Lab and field trip fee Co-Requisite: PSCI-215C

PSCI-216 Fundamentals of Physical Science 4 Credits
This course in physical science presents materials in physics, chemistry, and astronomy that are conceptual in nature with minimal reliance on the quantitative rules of mathematics as a tool for understanding. A strong emphasis is placed on proper use of vocabulary words to understand and explain topics in the fields of mechanics, properties of matter, heat, sound, electricity and magnetism, and light. Classroom demonstrations and videos are used to assist the student in learning the everyday principles of nature. Lab fee. (meets Natural Science/Math requirement)

## PSCI-216C Fundamentals of Physical Science 3 Credits

This course in physical science considers topics in physics, chemistry, and astronomy that are conceptual in nature with minimal reliance on the quantitative rules of mathematics as a tool for understanding. A strong emphasis is placed on proper use of vocabulary words to understand and explain topics in the fields of mechanics, properties or matter, heat, sound, electricity and magnetism, and light. This course fulfills the core curriculum lecture requirement in the natural sciences. Lecture three hours per week.
Co-Requisite: PSCI-216CL
Terms Typically Offered: Spring.

## PSCI-216CL Fundamentals of Physical Science Lab 1 Credit

An introduction to laboratory practice and procedure in physical science and excercises in mechanics, properties of matter, heat, sound electricity, magnetism, and light. This course fulfills the core curriculum laboratory requirement in the natural sciences. Laboratory Fee.
Co-Requisite: PSCI-216C
Terms Typically Offered: Spring.

## PSCI-223C Mechanics of Solids and Fluids 3 Credits

This calculus-based course is designed for students with majors in the engineering and physical sciences. The course focuses on the mechanics of solid and fluids. Topics include statics, equilibrium of rigid bodies, freebody diagrams, pericle and rigid body kinematics, li near and angular motion, impluse and momentum, static and dynamic friction, elasticity, fluid properties, laminar and turbulent flow and fluid statics.
Prerequisite: MATH-180C
Co-Requisite: PSCI-223CL or PSCI-223CR
Terms Typically Offered: Fall.

## PSCI-223CL Mechanics of Solids and Fluids Lab 1 Credit

Laboratory will include experiments in the areas of statics and dynamics of particles and ridgid bodies in two and three dimensions, static and dynamic friction, linear and angular momentum, fluid properties, laminar and turbulent flow and fluid statics. Laboratory three hours. Lab fee. Prerequisite: MATH-180C
Co-Requisite: PSCI-223C
Terms Typically Offered: Fall.

PSCI-225 Electricity and Magnetism 3 Credits
This calculus-based course is designed for students with majors in the engineering and physical sciences. This course focuses on the mathematical and physical description of electrostatics, electric field and potential, electrical fundamentals (charge, current, voltage, resistance, power, energy), DC circuit analysis with Ohm's Law and Kirchhoff's Law, AC circuit analysis with phase diagrams, measuring devices (e.g., voltmeter, ammeter), capacitance, magnetic fields and their effect on moving charges and currents, magnetic fields produced by various current configurations, induced emf, mutual and self-inductance, basic theory of dielectrics, magnetic properties of materials and Maxwell's Equations in integral and differential form.
Prerequisite: PSCI-223C
Co-Requisite: PSCI-225L
Terms Typically Offered: Spring.
PSCI-225L Electricity and Magnetsm Lab 1 Credit
Laboratory will include experiments in the areas of electrostatics, DC and AC circuits, magnetic fields, and electromagnetic induction. Laboratory three hours. Lab fee.
Pre- or Co-Requisite: PSCI-225
Terms Typically Offered: Spring.
PSCI-227 Waves, Optics and Modern Physics 3 Credits
This course is designed for students with majors in the engineering and physical sciences. Topics covered include geometric and physical optics, waves and the interaction of light and matter, introductory quantum mechanics, solid state physics, nuclear physics and special relativity. Prerequisite: Take PSCI-223, MATH-181;
Co-Requisite: Take PSCI-227L
Terms Typically Offered: Spring, even years.
PSCI-227L Waves, Optics, and Modern Physics Lab 1 Credit Laboratory will include experiments in the areas of mechanical wave motion, sound, interference, geometrical optics, interference, diffraction and polarization of light, radioactivity and the photoelectric effect. Laboratory three hours. Lab fee.
Pre- or Co-Requisite: Take PSCI-227

## Actuarial Science B.S. Requirements

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements (p. 62) |  |
| Mathematics Major Core Requirements | 46 |
| Actuarial Science Major Requirements | 39 |
| Electives | $\mathbf{3 2 - 3 7}$ |
| Total Units | $\mathbf{3 - 0}$ |

## Mathematics Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Lower Division: |  |  |
| CSCI-100C | Introduction to Computer Science | 4 |
| $\& 100 \mathrm{CL}$ | and Introduction to Computer Science Lab |  |
| MATH-180C | Calculus 1 | 4 |
| MATH-181C | Calculus II | 4 |
| MATH-281 | Multivariable Calculus | 4 |


| MATH-285 | Introduction to Advanced Mathematics | 3 |
| :--- | :--- | ---: |
| Upper Division |  | 4 |
| ENGR-307 | Computational Problem Solving | 3 |
| MATH-300 | Linear Algebra | 3 |
| MATH-310 | Differential Equations | 3 |
| MATH-365 | Probability and Statistics | 3 |
| MATH-390 | Numerical Analysis | 2 |
| MATH-485 | Undergraduate Mathematics Research |  |
| or MATH-450 | UG Research and Internship Program |  |
| or MATH-488 | Senior Project |  |
| MATH-499C | Mathematics Capstone | $\mathbf{2}$ |
| Total Units |  | $\mathbf{3 9}$ |

## Actuarial Science Major Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| ACCT-225 | Principles of Financial Accounting | 3 |
| ACCT-321 | Accounting and Finance for Decision Making | 3 |
| BUSN-215 | Principles of Macroeconomics | 3 |
| BUSN-216 | Principles of Microeconomics | 3 |
| DSCI-100C | Introduction to Data Science | 4 |
| \& 100CL | and Introduction to Data Science Laboratory |  |
| FINC-335 | Corporate Finance | 3 |
| MATH-375 | Discrete Mathematics | 3 |
| MATH-400 | Casualty \& Actuarial Mathematics | 3 |

Electives
Select three (3) lecture/lab courses (two upper division) from MATH, 9-12 DSCI, CSCI, or BUSN

Total Units
34-37
1
Number of units required from the Core Curriculum not included in the major requirements below.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Mathematics and Physical Sciences.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official

VANGUARD UNIVERSITY
(veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| MATH-285 | Introduction to Advanced Mathematics | 3 |
| NT-101C | New Testament Survey | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| CORE-100C | Cornerstone | 1 |
| CSCI-100C | Introduction to Computer Science | 3 |
| CSCI-100CL | Introduction to Computer Science Lab | 1 |
|  | Units | $\mathbf{1 4}$ |
| Year 1 Term 2 |  |  |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| MATH-181C | Calculus II | 4 |
| MATH-285 | Introduction to Advanced Mathematics | 3 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
|  | Units | $\mathbf{1 6}$ |


| Year 2 Term 1 |  |  |
| :--- | :--- | ---: |
| BUSN-215 | Principles of Macroeconomics | 3 |
| MATH-281 | Multivariable Calculus | 4 |
| DSCI-100C | Introduction to Data Science | 3 |
| DSCI-100CL | Introduction to Data Science Laboratory | 1 |
| MATH-307 | Not Approved | 4 |
| THEO-101C | Foundations of Christian Life | 3 |
|  | Units | $\mathbf{1 8}$ |


| Year 2 Term 2 |  |  |
| :--- | :--- | ---: |
| BUSN-216 | Principles of Microeconomics | 3 |
| OT-201C | Old Testament Survey | 3 |
| MATH-390 | Numerical Analysis | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| DSCI-PLHDE1 | MATH/BUSN/DSCI Elective | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | ---: |
| ACCT-225 | Principles of Financial Accounting | 3 |
| MATH-300 | Linear Algebra | 3 |
| MATH-375 | Discrete Mathematics | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| ENGL-220C | Researched Writing | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 3 Term 2 |  |  |
| :--- | :--- | ---: |
| MATH-310 | Differential Equations | 3 |
| MATH-450 | UG Research and Internship Program | $1-4$ |
| ACCT-321 | Accounting and Finance for Decision | 3 |
|  | Making |  |
| MATH-400 | Casualty \& Actuarial Mathematics | 3 |
| DSCI-PLHDE1 | MATH/BUSN/DSCI Elective | 3 |
|  | Units | $\mathbf{1 3 - 1 6}$ |

Year 4 Term 1

| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| :--- | :--- | ---: |
| FINC-335 | Corporate Finance | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| DSCI-PLHDE1 | MATH/BUSN/DSCI Elective | 3 |
|  | Units | $\mathbf{1 5}$ |
| Year 4 Term 2 |  |  |
| MATH-365 | Probability and Statistics | 3 |
| MATH-499C | Mathematics Capstone | 2 |
| CHIS-400C | Christian Heritage | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
| DSCI-PLHDE1 | MATH/BUSN/DSCI Elective | 3 |
|  | Units | $\mathbf{1 4}$ |
|  | Total Units | $\mathbf{1 2 0 - 1 2 3}$ |

## Computer Science B.S. Requirements

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements (p. 62) |  |
|  |  |
| Mathematics Major Core Requirements | 46 |
| Computer Science Major Requirements | 35 |
| Total Units | $56-62$ |

## Mathematics Major Core Requirements



| MATH-265C | Intro to Statistical Methods | 3 |
| :---: | :---: | :---: |
| PSCI-130C $\& 130 \mathrm{CL}$ or PSCI-223C $\& 223 C L$ or PSCI-131 $\& 131 \mathrm{~L}$ or PSCI-225 $\& 225 \mathrm{~L}$ | General Physics I and General Physics I Lab <br> Mechanics of Solids and Fluids <br> and Mechanics of Solids and Fluids Lab <br> General Physics II <br> and General Physics II Lab <br> Electricity and Magnetism <br> and Electricity and Magnetsm Lab | 4 |
| Upper Division: |  |  |
| CSCI-309 | Network Security and Digital Crime | 3 |
| CSCI-317 | Algorithms and Data Structure | 3 |
| CSCI-320 | Digital Forensics and Investigation | 3 |
| $\begin{aligned} & \text { CSCI-325 } \\ & \& 325 \mathrm{~L} \end{aligned}$ | Introduction to Networks and Introduction to Networks | 4 |
| $\begin{aligned} & \text { CSCI-330 } \\ & \& 330 \mathrm{~L} \end{aligned}$ | Operating Systems and Operating Systems Laboratory | 4 |
| CSCI-333 | Web and Mobile App Developement | 3 |
| $\begin{aligned} & \text { CSCI-415 } \\ & \& 415 \mathrm{~L} \end{aligned}$ | Computer Architecture and Computer Architecture | 4 |
| CSCI-425 | Computing Theory | 3 |
| CSCI-450 | Ug Research Internship Program | 1-4 |
| CSCI-485 | Undergraduate Computer Science Research | 1-4 |
| CSCI-488 | Computer Science Senior Project | 2 |
| CSCI-499C | Capstone Seminar in Computer Science | 2 |
| DSCI-300 | Database Management | 3 |
| MATH-375 | Discrete Mathematics | 3 |
| Total Units |  | -62 |

1
Number of units required from the Core Curriculum not included in the major requirements below.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Mathematics and Physical Sciences.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :---: | :---: | :---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| MATH-180C | Calculus 1 | 4 |
| ENGL-120C | Persuasive Writing | 3 |
| NT-101C | New Testament Survey | 3 |
| CSCI-100C | Introduction to Computer Science | 3 |
| CSCI-100CL | Introduction to Computer Science Lab | 1 |
|  | Units | 15 |
| Year 1 Term 2 |  |  |
| THEO-101C | Foundations of Christian Life | 3 |
| CSCI-208 | Java Programming | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | 15 |
| Year 2 Term 1 |  |  |
| MATH-300 | Linear Algebra | 3 |
| CSCI-330 | Operating Systems | 3 |
| CSCI-330L | Operating Systems Laboratory | 1 |
| ENGR-307 | Computational Problem Solving | 4 |
| DSCI-100C | Introduction to Data Science | 3 |
| DSCI-100CL | Introduction to Data Science Laboratory | 1 |
|  | Units | 15 |
| Year 2 Term 2 |  |  |
| MATH-265C | Intro to Statistical Methods | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| MATH-390 | Numerical Analysis | 3 |
| CSCI-205 | Cybersecurity | 3 |
| PSCI-PLCR2 | Physics - Phys2/Lab or Elect/Mag | 4 |
|  | Units | 16 |
| Year 3 Term 1 |  |  |
| MATH-375 | Discrete Mathematics | 3 |
| CSCI-325 | Introduction to Networks | 3 |
| CSCI-325L | Introduction to Networks | 1 |
| ENGL-220C | Researched Writing | 3 |
| OT-201C | Old Testament Survey | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | 16 |
| Year 3 Term 2 |  |  |
| CSCI-317 | Algorithms and Data Structure | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| CSCI-309 | Network Security and Digital Crime | 3 |
| CSCI-320 | Digital Forensics and Investigation | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
|  | Units | 15 |
| Year 4 Term 1 |  |  |
| CSCI-415 | Computer Architecture | 3 |
| CSCI-415L | Computer Architecture | 1 |


| CHIS-400C | Christian Heritage | 3 |
| :--- | :--- | ---: |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| DSCI-300 | Database Management | 3 |
| CSCI-CAP | CSCI Capstone Option | 2 |
|  | Units | $\mathbf{1 5}$ |
| Year 4 Term 2 |  | 2 |
| CSCI-499C | Capstone Seminar in Computer Science | 3 |
| MATH-365 | Probability and Statistics | 3 |
| CSCI-333 | Web and Mobile App Developement | 3 |
| CSCI-425 | Computing Theory | 3 |
| ENGL-230C | Literature and the Human Experience | $\mathbf{1 4}$ |
|  | Units | $\mathbf{1 2 1}$ |

## Data Science B.S. <br> Requirements

| CodeTitle <br> Core Curriculum Requirements (p. 62)${ }^{1}$ | Units |
| :--- | ---: |
| Mathematics Major Core Requirements | 46 |
| Data Science Major Requirements | 39 |
| Total Units | $\mathbf{4 4}$ |
| $\mathbf{1 2 9}$ |  |

## Mathematics Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Lower Division |  |  |
| CSCI-100C | Introduction to Computer Science |  |
| \& 100CL | and Introduction to Computer Science Lab | 4 |
| MATH-180C | Calculus 1 | 4 |
| MATH-181C | Calculus II | 4 |
| MATH-281 | Multivariable Calculus | 4 |
| MATH-285 | Introduction to Advanced Mathematics | 3 |
| Upper Division |  | 3 |
| CSCI-340 | Python Programming | 4 |
| ENGR-307 | Computational Problem Solving | 3 |
| MATH-300 | Linear Algebra | 3 |
| MATH-310 | Differential Equations | 3 |
| MATH-365 | Probability and Statistics | 2 |
| DSCI-485/450 | Undergraduate Data Science Research | 2 |
| DSCI-499C | Capstone Seminar in DSCI | 39 |

## Data Science Major Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Lower Division: |  | 3 |
| BUSN-125 | Computer Applications | 3 |
| BUSN-215 | Principles of Macroeconomics | 3 |

$\left.\begin{array}{llr}\text { DSCI-100C } & \begin{array}{l}\text { Introduction to Data Science } \\ \text { \& 100CL }\end{array} & \text { and Introduction to Data Science Laboratory }\end{array}\right] 4$

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Physical Science and Mathematics.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

|  |  |  |
| :--- | :--- | ---: |
| Course | Title | Units |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| MATH-180C | Calculus 1 | 4 |
| NT-101C | New Testament Survey | 3 |
| DSCI-100C | Introduction to Data Science | 3 |
| DSCI-100CL | Introduction to Data Science Laboratory | 1 |
| CSCI-100C | Introduction to Computer Science | 3 |
| CSCI-100CL | Introduction to Computer Science Lab | 1 |
|  | Units | $\mathbf{1 6}$ |
| Year 1 Term 2 |  | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 4 |
| MATH-181C | Calculus II | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| MATH-285 | Introduction to Advanced Mathematics |  |


| OT-201C | Old Testament Survey | 3 |
| :---: | :---: | :---: |
|  | Units | 16 |
| Year 2 Term 1 |  |  |
| CSCI-340 | Python Programming | 3 |
| MATH-281 | Multivariable Calculus | 4 |
| MATH-300 | Linear Algebra | 3 |
| THEO-101C | Foundations of Christian Life | 3 |
| DSCI-300 | Database Management | 3 |
|  | Units | 16 |
| Year 2 Term 2 |  |  |
| MATH-265C | Intro to Statistical Methods | 3 |
| MATH-310 | Differential Equations | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| BUSN-125 | Computer Applications | 3 |
| BUSN-PLHDEC | Macro Or Micro Economics | 3 |
|  | Units | 15 |
| Year 3 Term 1 |  |  |
| DSCI-410 | Data Visualization | 3 |
| MATH-375 | Discrete Mathematics | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| THEO-300C | Developing a Christian World View | 3 |
|  | Units | 15 |
| Year 3 Term 2 |  |  |
| DSCI-350 | Data Mining | 3 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| DSCI-RSCH | DSCI Research Option | 2 |
| DSCI-PLHDE1 | MATH/BUSN/DSCI Elective | 3 |
|  | Units | 11 |
| Year 4 Term 1 |  |  |
| COMM-201C | Speech Composition and Presentation | 3 |
| ENGL-220C | Researched Writing | 3 |
| DSCI-415 | Experimental Design, Statistical Analysi | 3 |
| DSCI-PLHDE1 | MATH/BUSN/DSCI Elective | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
|  | Units | 15 |
| Year 4 Term 2 |  |  |
| MATH-365 | Probability and Statistics | 3 |
| DSCI-499C | Capstone Seminar in DSCI | 2 |
| CHIS-400C | Christian Heritage | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
| DSCI-PLHDE1 | MATH/BUSN/DSCI Elective | 3 |
|  | Units | 14 |
|  | Total Units | 118 |

## Engineering Physics B.S. Requirements

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements $(\mathrm{p} .62)^{1}$ | 46 |
| Major Core Requirements | $\mathbf{7 7}$ |
| Total Units | $\mathbf{1 2 3}$ |

## Engineering Physics Major Core Requirements

|  | Title | Units |
| :---: | :---: | :---: |
| Lower Division: |  |  |
| $\begin{aligned} & \text { CHEM-120 } \\ & \& 120 \mathrm{~L} \end{aligned}$ | General Chemistry I and General Chemistry I Lab ${ }^{2}$ | 4 |
| $\begin{aligned} & \text { CHEM-121 } \\ & \& 121 \mathrm{~L} \end{aligned}$ | General Chemistry II and General Chemistry II Lab | 4 |
| $\begin{aligned} & \text { CSCI-100C } \\ & \& 100 \mathrm{CL} \end{aligned}$ | Introduction to Computer Science and Introduction to Computer Science Lab | 4 |
| MATH-180C | Calculus 1 | 4 |
| MATH-181C | Calculus II | 4 |
| MATH-265C | Intro to Statistical Methods | 3 |
| MATH-285 | Introduction to Advanced Mathematics | 3 |
| MATH-281 | Multivariable Calculus | 4 |
| $\begin{aligned} & \text { PSCI-223C } \\ & \& 223 C L \end{aligned}$ | Mechanics of Solids and Fluids and Mechanics of Solids and Fluids Lab | 4 |
| $\begin{aligned} & \text { PSCI-225 } \\ & \& 225 \mathrm{~L} \end{aligned}$ | Electricity and Magnetism and Electricity and Magnetsm Lab | 4 |
| $\begin{aligned} & \text { PSCI-227 } \\ & \& 227 \mathrm{~L} \end{aligned}$ | Waves, Optics and Modern Physics and Waves, Optics, and Modern Physics Lab | 4 |
| Upper Division: |  |  |
| $\begin{aligned} & \text { CHEM-440 } \\ & \& 440 \mathrm{~L} \end{aligned}$ | Instrumental Analysis and Instrumental Analysis Lab | 4 |
| $\begin{aligned} & \text { CHEM-456 } \\ & \& 456 \mathrm{~L} \end{aligned}$ | Physical Chemistry: Thermodynamics and Physical Chemistry Technique Lab | 4 |
| CHEM-458 | Physical Chemistry: Quantum Mechanics | 2 |
| CHEM-485 <br> or CHEM-450 | Undergraduate Research UG Research Or Internship Program | 2 |
| CHEM-499C | Chemistry Capstone Seminar | 2 |
| $\begin{aligned} & \text { ENGR-310 } \\ & \& 310 \mathrm{~L} \end{aligned}$ | Electronics I and Electronics I Lab | 4 |
| $\begin{aligned} & \text { ENGR-400 } \\ & \& 400 \mathrm{~L} \end{aligned}$ | Introduction to Materials Science Engr. and Intro/Materials Science Laboratory | 4 |
| MATH-300 | Linear Algebra | 3 |
| MATH-307 | Not Approved | 4 |
| MATH-310 | Differential Equations | 3 |
| MATH-390 | Numerical Analysis | 3 |
| Total Units |  | 77 |

1
Number of units required from the Core Curriculum not included in the major requirements below.

2
See CHEM-120 General Chemistry I course description for prerequisites.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Mathematics and Physical Sciences.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| CHEM-120 | General Chemistry I | 3 |
| CHEM-120L | General Chemistry I Lab | 1 |
| MATH-180C | Calculus 1 | 4 |
| NT-101C | New Testament Survey | 3 |
| CSCI-100C | Introduction to Computer Science | 3 |
| CSCI-100CL | Introduction to Computer Science Lab | 1 |
|  | Units | $\mathbf{1 6}$ |
| Year 1 Term 2 |  | 3 |
| CHEM-121 | General Chemistry II | 1 |
| CHEM-121L | General Chemistry II Lab | 4 |
| MATH-181C | Calculus II | 3 |
| MATH-285 | Introduction to Advanced Mathematics | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | $\mathbf{1 4}$ |

## Year 2 Term 1

| PSCI-223C | Mechanics of Solids and Fluids | 3 |
| :--- | :--- | ---: |
| PSCI-223CL | Mechanics of Solids and Fluids Lab | 1 |
| MATH-281 | Multivariable Calculus | 4 |
| MATH-300 | Linear Algebra | 3 |
| THEO-101C | Foundations of Christian Life | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | $\mathbf{1 7}$ |

## Year 2 Term 2

PSCI-225 Electricity and Magnetism 3

| PSCI-225L | Electricity and Magnetsm Lab | 1 |
| :--- | :--- | ---: |
| MATH-265C | Intro to Statistical Methods | 3 |
| MATH-310 | Differential Equations | 3 |
| OT-201C | Old Testament Survey | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | $\mathbf{1 6}$ |

Year 3 Term 1

| CHEM-456 | Physical Chemistry: Thermodynamics | 2 |
| :--- | :--- | ---: |
| CHEM-440 | Instrumental Analysis | 2 |
| CHEM-440L | Instrumental Analysis Lab | 2 |
| ENGL-120C | Persuasive Writing | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| THEO-300C | Developing a Christian World View | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 3 Term 2 |  | 2 |
| :--- | :--- | ---: |
| CHEM-458 | Physical Chemistry: Quantum Mechanics | $1-2$ |
| CHEM-456L | Physical Chemistry Technique Lab | 2 |
| CHEM-PLUGR | Undergraduate Research or Internship | 3 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| PSCI-227 | Waves, Optics and Modern Physics | 3 |
| PSCI-227L | Waves, Optics, and Modern Physics Lab | $\mathbf{1}$ |
|  | Units | $\mathbf{1 5 - 1 6}$ |


| Year $\mathbf{4}$ Term 1 |  |  |
| :--- | :--- | ---: |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| ENGR-310 | Electronics I | 3 |
| ENGR-310L | Electronics I Lab | $\mathbf{1}$ |
| ENGL-220C | Researched Writing | 3 |
| ENGR-307 | Computational Problem Solving | $\mathbf{4}$ |
|  | Units | $\mathbf{1 4}$ |


| Year 4 Term 2 |  |  |
| :--- | :--- | ---: |
| CHIS-400C | Christian Heritage | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
| MATH-390 | Numerical Analysis | 3 |
| ENGR-400 | Introduction to Materials Science Engr. | 3 |
| ENGR-400L | Intro/Materials Science Laboratory | 1 |
| CHEM-499C | Chemistry Capstone Seminar | $\mathbf{2}$ |
|  | Units | $\mathbf{1 5}$ |
|  | Total Units | $\mathbf{1 2 2 - 1 2 3}$ |

## Mathematics B.S. <br> Requirements

| Code $\quad$ Title | Units |
| :--- | ---: |
| Core Curriculum Requirements (p. 62) ${ }^{1}$ | 46 |
| Major Core Requirements and Math Electives | $\mathbf{7 3 - 7 4}$ |
| General Electives | $\mathbf{1}$ |
| Total Units | $\mathbf{1 2 0 - 1 2 1}$ |

Mathematics Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Lower Division: |  | 4 |
| MATH-180C | Calculus 1 | 4 |
| MATH-181C | Calculus II | 3 |
| CSCI-100C | Introduction to Computer Science | 1 |
| CSCI-100CL | Introduction to Computer Science Lab | 3 |
| MATH-265C | Intro to Statistical Methods | 4 |
| MATH-281 | Multivariable Calculus | 3 |
| MATH-285 | Introduction to Advanced Mathematics | $7-8$ |
| Select two (2) electives from CSCI, PSCI, or MATH. One must be a |  |  |
| lecture/lab combination. | 4 |  |
| Upper Division: |  | 3 |
| ENGR-307 | Computational Problem Solving | 3 |
| MATH-300 | Linear Algebra | 3 |
| MATH-310 | Differential Equations | 3 |
| MATH-330 | Number Theory | 3 |
| MATH-365 | Probability and Statistics | 3 |
| MATH-375 | Discrete Mathematics | 3 |
| MATH-380 | Elementary Analysis I | 2 |
| MATH-390 | Numerical Analysis | 3 |
| MATH-410 | Abstract Algebra | 3 |
| MATH-420 | Higher Geometry | 3 |
| MATH-485 | Undergraduate Mathematics Research | 3 |
| MATH-499C | Mathematics Capstone | 3 |
| MATH Core Electives: | Senior Project | 3 |

MATH Core Electives:
Select nine units from the following:

| CSCI-317 | Algorithms and Data Structure |  |
| :--- | :--- | :--- |
| DSCI-300 | Database Management |  |
| DSCI-350 | Data Mining |  |
| DSCI-410 | Data Visualization |  |
| MATH-400 | Casualty \& Actuarial Mathematics | $\mathbf{7 3 - 7 4}$ |
| Total Units |  |  |

## 1

Number of units required from the Core Curriculum not included in the major requirements below.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Mathematics and Physical Sciences.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| MATH-180C | Calculus 1 | 4 |
| ENGL-120C | Persuasive Writing | 3 |
| NT-101C | New Testament Survey | 3 |
| CSCI-100C | Introduction to Computer Science | 3 |
| CSCI-100CL | Introduction to Computer Science Lab | 1 |
|  | Units | $\mathbf{1 5}$ |


| Year 1 Term 2 |  |  |
| :--- | :--- | ---: |
| MATH-181C | Calculus II | 4 |
| COMM-201C | Speech Composition and Presentation | 3 |
| THEO-101C | Foundations of Christian Life | 3 |
| POLS-155C | American Democracy | 3 |
| CSCI-100C | Introduction to Computer Science | 3 |
| CSCI-100CL | Introduction to Computer Science Lab | 1 |
|  | Units | 17 |
| Year 2 Term 1 |  |  |
| MATH-281 | Multivariable Calculus | 4 |
| OT-201C | Old Testament Survey | 3 |
| MATH-300 | Linear Algebra | 3 |
| MATH-307 | Not Approved | 4 |
| MATH-PLHDE1 | MATH-DSCI/PHYS Elective | $3-4$ |
|  | Units | $\mathbf{1 7 - 1 8}$ |

## Year 2 Term 2

| MATH-265C | Intro to Statistical Methods | 3 |
| :--- | :--- | ---: |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| MATH-310 | Differential Equations | 3 |
| MATH-390 | Numerical Analysis | 3 |
| MATH-PLHDE1 | MATH-DSCI/PHYS Elective | $3-4$ |
|  | Units | $\mathbf{1 5 - 1 6}$ |

Year 3 Term 1
THEO-300C Developing a Christian World View 3
MATH-PLUD3A MATH Upper Division Elective (3-4 unit) 3-4

| MATH-375 | Discrete Mathematics | 3 |
| :--- | :--- | ---: |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | $12-13$ |

Year 3 Term 2
MATH-330 Number Theory 3

| MATH-485 | Undergraduate Mathematics Research | 2 |
| :--- | :--- | ---: |
| MATH-PLUD3A | MATH Upper Division Elective (3-4 unit) | $3-4$ |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
|  | Units | $\mathbf{1 4 - 1 5}$ |
| Year 4 Term 1 |  |  |
| ENGL-220C | Researched Writing | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| MATH-PLUD3A | MATH Upper Division Elective (3-4 unit) | $3-4$ |
| CHIS-400C | Christian Heritage | 3 |
| MATH-410 | Abstract Algebra | 3 |
|  | Units | $\mathbf{1 5 - 1 6}$ |
| Year 4 Term 2 |  |  |
| MATH-420 | Higher Geometry | 3 |
| MATH-499C | Mathematics Capstone | 2 |
| ENGL-230C | Literature and the Human Experience | 3 |
| MATH-365 | Probability and Statistics | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
|  | Units | $\mathbf{1 4}$ |
|  | Total Units | $\mathbf{1 1 9 - 1 2 4}$ |

## Mathematics B.S. with an Education Minor (VISTA) <br> Requirements

Students seeking the Bachelor of Science degree in Mathematics with a minor in Education must complete the academic program requirements as listed below. This program is associated with the Integrated Teacher Education Program (ITEP/VISTA).

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements (p. 62) |  |${ }^{1} \quad 45$

## Mathematics Major Core Requirements

| Code | Title | Units |
| :--- | :--- | :---: |
| Lower Division: |  |  |
| CSCI-100C Introduction to Computer Science <br> \& 100CL  | and Introduction to Computer Science Lab | 4 |
| MATH-180C | Calculus 1 | 4 |
| MATH-181C | Calculus II | 4 |
| MATH-265C | Intro to Statistical Methods | 3 |
| MATH-281 | Multivariable Calculus | 4 |
| MATH-285 | Introduction to Advanced Mathematics | 3 |
| Upper Division: |  | 3 |
| MATH-300 | Linear Algebra | 3 |
| MATH-310 | Differential Equations | 3 |
| MATH-315 | Teaching/Tutoring | 3 |


| MATH-365 | Probability and Statistics | 3 |
| :--- | :--- | ---: |
| MATH-380 | Elementary Analysis I | 3 |
| MATH-390 | Numerical Analysis | 3 |
| MATH-410 | Abstract Algebra | 3 |
| MATH-420 | Higher Geometry | 3 |
| MATH-450 | UG Research and Internship Program | 2 |
| or MATH-488 | Senior Project | 2 |
| MATH-499C | Mathematics Capstone | $\mathbf{5 3}$ |

## Integrated Teacher Education Program Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Requirements: |  |  |
| POLS-155C | American Democracy ${ }^{2}$ | 3 |
| ANTH-453 | Language,Culture/Linguistics | 3 |
| Credentialing Coursework: |  |  |
| EDUC-424 | Foundations in Teaching for Single Subject | 2 |
| EDUC-426 | Instructional Design and Subject Specific | 4 |
|  | Pedagogy for Single Subject | 4 |
| EDUC-434 | Curriculum Unit Planning for Single Subject | 2 |
| EDUC-435 | Supervised Fieldwork for Single Subject | 4 |
| EDUC-442 | CalTPA Cycle 1 | 0.5 |
| EDUC-443 | CalTPA Cycle 2 | 0.5 |
| EDUC-444 | Language Acquisition for Secondary Students | 1 |
| EDUC-447 | Metacognition/Reading Strategies for Secondary | 1 |
| EDUC-452 | Students | 1 |
| EDUC-464 | Use of Technology in the Classroom | 1 |
| EDUC-488 | Clinical Practice Seminar for Single Subject | 2 |
| EDUC-489 | Clinical Practice Fieldwork for Single Subject | 8 |
| Total Units |  | 33 |

1
Number of units required from the Core Curriculum not included in the major requirements below.
2
POLS-155C American Democracy is both a CTC Credentialing requirement and fulfills a Core Curriculum requirement.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related
to courses listed in a particular year and term. Questions, contact the Department of Mathematics and Physical Sciences.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| MATH-180C | Calculus 1 | 4 |
| NT-101C | New Testament Survey | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| MATH-285 | Introduction to Advanced Mathematics | 3 |
|  | Units | $\mathbf{1 7}$ |


| Year 1 Term 2 |  |  |
| :--- | :--- | ---: |
| MATH-181C | Calculus II | 4 |
| COMM-201C | Speech Composition and Presentation | 3 |
| THEO-101C | Foundations of Christian Life | 3 |
| POLS-155C | American Democracy | 3 |
| CSCI-100C | Introduction to Computer Science | 3 |
| CSCI-100CL | Introduction to Computer Science Lab | 1 |
|  | Units | $\mathbf{1 7}$ |


| Year 2 Term 1 |  |  |
| :--- | :--- | ---: |
| MATH-281 | Multivariable Calculus | 4 |
| MATH-300 | Linear Algebra | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| ENGL-220C | Researched Writing | 3 |
| OT-201C | Old Testament Survey | 3 |
|  | Units | $\mathbf{1 6}$ |


| Year 2 Term $\mathbf{2}$ |  |  |
| :--- | :--- | ---: |
| MATH-330 | Number Theory | 3 |
| MATH-265C | Intro to Statistical Methods | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| MATH-380 | Elementary Analysis I | 3 |
|  | Units | $\mathbf{1 8}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | :--- |
| ENGL-230C | Literature and the Human Experience | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| MATH-390 | Numerical Analysis | 3 |
| EDUC-315 | Teaching in a Multicultural Setting | 3 |
| MATH-410 | Abstract Algebra | 3 |


| CHIS-400C | Christian Heritage | 3 |
| :---: | :---: | :---: |
|  | Units | 18 |
| Year 3 Term 2 |  |  |
| MATH-310 | Differential Equations | 3 |
| MATH-365 | Probability and Statistics | 3 |
| MATH-485 | Undergraduate Mathematics Research | 2 |
| ANTH-453 | Language,Culture/Linguistics | 3 |
| MATH-420 | Higher Geometry | 3 |
|  | Units | 14 |
| Year 4 Term 1 |  |  |
| EDUC-424 | Foundations in Teaching for Single Subject | 2 |
| EDUC-426 | Instructional Design and Subject Specific Pedagogy for Single Subject | 4 |
| EDUC-435 | Supervised Fieldwork for Single Subject | 4 |
| EDUC-444 | Language Acquisition for Secondary Students | 1 |
| EDUC-447 | Metacognition/Reading Strategies for Secondary Students | 1 |
| EDUC-452 | Literacy in Content Areas for Secondary Students | 1 |
| EDUC-464 | Use of Technology in the Classroom | 1 |
| EDUC-442 | CalTPA Cycle 1 | 0.5 |
|  | Units | 14.5 |
| Year 4 Term 2 |  |  |
| MATH-499C | Mathematics Capstone | 2 |
| EDUC-434 | Curriculum Unit Planning for Single Subject | 2 |
| EDUC-488 | Clinical Practice Seminar for Single Subject | 2 |
| EDUC-489 | Clinical Practice Fieldwork for Single Subject | 8 |
| EDUC-443 | CalTPA Cycle 2 | 0.5 |
|  | Units | 14.5 |
|  | Total Units | 129 |

## Mathematics Minor

Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| MATH-180C | Calculus 1 | 4 |
| MATH-181C | Calculus II | 4 |
| MATH-265C | Intro to Statistical Methods | 3 |
| MATH-281 | Multivariable Calculus | 4 |
| MATH-285 | Introduction to Advanced Mathematics | 3 |
| Select one course from either the Mathematics (MATH), Computer | 3 |  |
| Science (CSCI), or Data Science (DSCI) disciplines. |  |  |
| Total Units | $\mathbf{2 1}$ |  |

## Mathematics Teaching Credential Requirements

The Mathematics program that is outlined below incorporates content specific courses to meet the California Teaching Credential Mathematics subject matter.
Code Title Units

| Mathematics Major Requirements |  |  |
| :--- | :--- | :--- |
| Lower Division: |  | 4 |
| ENGR-307 | Computational Problem Solving | 4 |
| MATH-180C | Calculus 1 | 4 |
| MATH-181C | Calculus II | 4 |
| MATH-281 | Multivariable Calculus | 3 |
| MATH-285 | Introduction to Advanced Mathematics |  |
| Upper Division: |  | 3 |
| MATH-300 | Linear Algebra | 3 |
| MATH-310 | Differential Equations | 3 |
| MATH-365 | Probability and Statistics | 3 |
| MATH-380 | Elementary Analysis I | 3 |
| MATH-390 | Numerical Analysis | 2 |
| MATH-499C | Mathematics Capstone |  |

## Mathematics Electives:

Required courses for completion of the single subject matter program.

| MATH-315 | Teaching/Tutoring | 3 |
| :--- | :--- | :--- |
| MATH-330 | Number Theory | 3 |
| MATH-410 | Abstract Algebra | 3 |
| MATH-420 | Higher Geometry | 3 |

Non-Mathematics Requirements:
PHIL-201 Introduction to Philosophy 3
PSCI-223C Mechanics of Solids and Fluids 4
\& 223CL and Mechanics of Solids and Fluids Lab
PSCI-225 Electricity and Magnetism 4
\& 225L and Electricity and Magnetsm Lab
Additional Courses Required For Credentialing:
ANTH/ Language,Culture/Linguistics
ENGL-453
POLS-155C American Democracy
Total Units

## Department of Nursing (Prelicensure)

Mission: Providing quality undergraduate and graduate nursing programs that promote academic excellence while integrating the values of truth, virtue, and service.

The Pre-Licensure Bachelor of Science in Nursing (BSN) program offers a faith-based curriculum that provides a solid foundation in liberal education and nursing science, the cornerstone for the practice and education of nurses. Throughout the program, graduates are prepared to
take the National Council Licensing Examination for Registered Nurses (NCLEX-RN). Upon successful completion of NCLEX-RN and the BSN degree, the graduate will apply for and be issued a California nursing license [pending Board of Registered Nursing (BRN)]. The graduate RN may then enter professional positions in a variety of healthcare settings with patients of all ages and diverse populations. Baccalaureate graduates are prepared to practice as a generalist across the lifespan and may work as a RN in a variety of community-based and acute care settings.

## Admissions Requirements for PreLicensure Program

Admission to Vanguard University for Pre-nursing does not guarantee admission into our Pre-licensure Bachelor of Science in Nursing (BSN) Program. After the successful completion of the requirements for the Pre-licensure BSN Program (p. 235) students must subsequently apply for acceptance into our Nursing Program to be considered for program enrollment. Each application will be evaluated; admission is not guaranteed.

Application to the Pre-licensure BSN Program is a competitive process with limited space availability. Under current University policy, a maximum of 32 students are selected annually for Fall admission into the Vanguard University Pre-licensure BSN Program.

Further, admission into the Pre-licensure BSN Program provides the curriculum required for licensure, but does not guarantee that students who obtain a BSN degree will obtain Registered Nurse (RN) licensure. In addition to having a nursing degree, in order to be licensed by the Board of Registered Nursing (BRN) and practice nursing in the state of California, one must successfully pass the National Council Licensure Examination (NCLEX)-RN exam and pass a criminal background check.

Please be aware that licensure requirements are set by the BRN and that requirements and associated licensing fees can change at any time. Licensure requirements include evidence of the right to work in the United States, such as social security number or taxpayer identification number.

Students are responsible for determining whether or not they meet licensure requirements. Vanguard University will not refund tuition, fees, or any associated costs to students who determine subsequent to admission they cannot meet licensure requirements. Please contact the Department of Nursing Pre-licensure BSN Program for questions concerning all requirements (www.vanguard.edu/nursing (http:// www.vanguard.edu/nursing/))

## Program Learning Outcomes

1. Critical Thinking/Clinical Reasoning/Clinical Judgment: Use a systematic approach in assessing, planning, testing, and evaluating innovative and evidence-based solutions to patient care problems across a variety of healthcare settings.
2. Integration of Faith and Learning: Develop and articulate an understanding of a Biblical worldview in integrating values of truth, virtue, and service in personal and professional life and in providing Christ-centered leadership and service.
3. Ethical Practice: Demonstrate behaviors that integrate altruism, autonomy, integrity, social justice, and respect for diversity and human dignity across the lifespan.
4. Holistic Living: Demonstrate responsibility and accountability for self and nursing practice, engagement in life-long learning, and ongoing professional growth.
5. Communication: Demonstrate appropriate written and oral communication skills to promote collaborative relationships with intro-professional healthcare team members, individuals, families, groups, and communities.
6. Professional Excellence: Use a problem-solving approach in evaluating patient health status and in advocating for the patient and family, anticipating and reducing risk, and improving health outcomes.
7. Cultural Competency and Citizenship: Apply cultural competence theory in the care of diverse individuals, families, groups, communities, and populations across the lifespan and across the continuum of healthcare environments.
8. Information and Technology Competency: Demonstrate technology skills in locating, retrieving, applying, and evaluating the integrity of information while using information responsibly and ethically.
9. Leadership and Patient Safety: Apply leadership concepts, skills, decision making, and problem solving in the provision and oversight of nursing practice, and in advocating for equitable health care.

## Program <br> Major:

- Nursing B.S.N. (Pre-Licensure) (p. 235)


## Courses

## Pre-Licensure Courses

## NRS-302 Fundamentals of Nursing Theory and Practice in Older Adults 3 Credits

This course introduces the student to the theories of professional nursing practice and the roles of the nurse as provider of care. Biological, psychosocial, and spiritual concepts in the care of older adults experiencing acute or chronic alteration in physical health are introduced. The nursing process will be used as the framework for providing care. Co-Requisite: NRS-302P
Terms Typically Offered: Fall.
NRS-302P Fundamentals of Nursing Theory and Practice in Older Adults Practicum 2 Credits
This practicum course ( 90 hours) focuses on application of basic biological, psychosocial, and spiritual concepts in the care of older adults experiencing acute or chronic alteration in physical health within the medical surgical setting and the use of the nursing process in providing care. This course allows the student to perform fundamental nursing skills in a simulated patient care environment and in the health care setting.
Co-Requisite: NRS-302
Terms Typically Offered: Fall.

## NRS-350 Nursing Care of the Adult I 3 Credits

This theory course focuses on evidence-based concepts, clinical experiences, and applying the nursing process in the provision of optimal care for the adult and older adult patient. An emphasis is placed on the care of the adult and older adult with acute and chronic health problems across a variety of practice settings. NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog.) Co-Requisite: NRS-350P
Terms Typically Offered: Spring.

## NRS-350P Nursing Care of the Adult I Practicum 3 Credits

This practicum course provides experiences in the care and management of health and illness for the adult and older adult patient. Students have the opportunity to learn and practice skills associated with the health needs of patients with acute and chronic health problems.
Clinical experiences ( 135 hours- can include simulated, communitybased, and acute care environments) will emphasize the development of critical reasoning and nursing judgement.(NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog.) Co-Requisite: NRS-350
Terms Typically Offered: Spring.

## NRS-355 Physical Assessment 2 Credits

This theory course provides the opportunity to learn and practice skills necessary to perform a complete and age appropriate health assessment. Emphasis is placed on assessing physical, emotional, spiritual, social, and cultural needs of the patient. The nursing process will be used in prioritizing patient health care needs. The integration of disease prevention, health promotion, and risk assessment is introduced. Lecture format. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-355L
Terms Typically Offered: Fall.

## NRS-355L Physical Assessment Lab 1 Credit

This lab course ( 45 hours) allows the student to perform and practice a complete and age appropriate health assessment skills in a simulated patient care environment.(NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog.)
Co-Requisite: NRS-355
Terms Typically Offered: Fall.

## NRS-360 Psychiatric and Mental Health Nursing 2 Credits

This theory course provides evidence-based concepts related to the care of patients with psychiatric and mental health disorders. Relevant nursing and interdisciplinary theories will be integrated into the nursing care of diverse individuals, families, groups, and communities in the management of mental illness. Holistic approaches to care and therapeutic communication will be explored. Lecture format. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-360P
Terms Typically Offered: Spring.

NRS-360P Psychiatric and Mental Health Nursing Practicum 2 Credits Co-Requisite: NRS 360. This practicum course provides experiences (90 hours) in the care and management of the patient with psychiatric and mental health disorders in simulated, community-based, and acute care settings.(NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-360
Terms Typically Offered: Spring.

## NRS-365 Integr Pathophys/Pharmacology 4 Credits

This course presents pathophysiology, using a systems approach, as applied to current nursing practice. Pharmacological principles such as pharmacokinetics, pharmacotherapeutics, contraindications, adverse effects and drug interactions, and nursing implications will be presented. Major drug classifications will be explored in conjunction with the pathophysiological process.
Terms Typically Offered: Fall.

## NRS-370 Nursing Care of the Adult II 3 Credits

This theory course will build upon evidence-based concepts learned in NRS-350. The nursing process will be applied to clients experiencing acute and chronic medical-surgical disease processes. Focuses on concepts related to the physical, emotional, spiritual, social, and cultural needs of the patient and family. Lecture format. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Prerequisite: Take NRS-302 NRS-302P NRS-350 NRS-350P NRS-360

## NRS-360PNRS-365;

Co-Requisite: NRS-370P
Terms Typically Offered: Fall.

## NRS-370P Nursing Care/Adult II Practicum 3 Credits

This practicum course provides experiences in the care of management of health and illness for the adult and older adult patients and continues to build on experiences learned in NRS-350 and NRS-350P. Students practice skills associated with complex health needs of the adult and older adult with acute and chronic health problems. Clinical experiences (135 hours - can include simulated, community-based, and acute care environments) will focus on use of critical reasoning and clinical decision-making in the care of the adult and older adult with medicalsurgical disease processes.
Prerequisite: Take NRS-302 NRS-302P NRS-350 NRS-350P NRS-360
NRS-360PNRS-365;
Co-Requisite: NRS-370
Terms Typically Offered: Fall.

## NRS-375 Maternity and Women's Health 2 Credits

This theory course provides evidence-based concepts in the care and management of women's health and illness across the lifespan. Focus in on family-centered care, teamwork and collaboration, patient safety, and quality improvements in caring for women and their newborns. Lecture format. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-375P
Terms Typically Offered: Spring.

## NRS-375P Maternity and Women's Health Practicum 2 Credits

This practicum course provides experiences in the care and management of women's health and illness across the lifespan. Focus in on familycentered care, teamwork and collaboration, patient safety, and quality improvement in caring for women and their newborns. Practicum experiences ( 90 hours) will be spent in simulated, community-based, and acute care environments.(NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog) Co-Requisite: NRS-375
Terms Typically Offered: Spring.

## NRS-385 Specialty Residency Elective 1-4 Credits

This variable unit course provides additional clinical experience for the student in a nursing specialty area. The student will work under the supervision of a registered nurse preceptor in providing direct patient care. Clinical hours are determined by the number of selected units for the course. Course may be repeated once for a maximum of 8 units. Prerequisite: Take NRS-302 NRS-302P NRS-350 NRS-350P NRS-360 NRS-360PNRS-365 NRS-370 NRS-370P NRS-375 NRS-375P Terms Typically Offered: Summer.

## NRS-400 Nursing Care of the Critically III Adult 3 Credits

This theory course provides evidence-based concepts in caring for the critically and emergently ill adult and older adult. Emphasis is on refining use of the nursing process in the care of patients with multi-system organ disease, complex disease states, and trauma. The student will examine the role of the nurse as a member of the interdisciplinary team and aspects of caring for patients at end-of-life. Lecture format. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Prerequisite: Take NRS-370
Co-Requisite: NRS-400P
Terms Typically Offered: Spring.

## NRS-400P Nursing Care of the Critically III Adult Practicum 3 Credits

The practicum course provides experiences in caring for the critically and emergently ill adult and older adult. Emphasis is on refining use of the nursing process in the care of patients with multi-system organ disease, complex disease states, and trauma. Clinical experiences (135 hours) will be spent in simulated and acute care settings. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-400

## NRS-420 Nursing Care of the Child and Adolescent 2 Credits

This theory course provides evidence-based concepts in caring for the infant, child, and adolescent experiencing acute and chronic illness. Issues of child abuse and neglect will be explored. The nursing process is integrated in providing age-appropriate care and advocating for infants, children, adolescents, and families. Focuses on collaboration with the child, family, and other members of the health care team in promoting health and adaptation to illness. Lecture format. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-420P
Terms Typically Offered: Fall.

## NRS-420P Nursing Care of the Child and Adolescent Practicum 2 Credits

This practicum course provides experiences in caring for the infant, child, and adolescent experiencing acute and chronic illness. The nursing process is integrated in providing age-appropriate and culturallycompetent care. The course focuses on collaboration with the child, family, and other members of the health care team in promoting health and the adaptation to illness. Clinical experiences ( 90 hours) will be spent in simulated, community-based, and acute care environments.(NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-420
Terms Typically Offered: Fall.

## NRS-460 Leadership and Management 2 Credits

This theory course explores theories of leadership/management. Emphasizes the importance of accountability, advocacy, communication, interprofessional collaboration in the leadership role, as well as the importance of promoting optimal patient care outcomes. (NOTE: This course previously combined the lecture and lab components for 3 credits; see 2019 Academic Catalog)
Prerequisite: NRS-370
Terms Typically Offered: Spring.
NRS-465 Nursing Research and Evidence-Based Practice 3 Credits This course examines sources of evidence, scientific inquiry, and data collection processes related to nursing research, theory development, and evidence-based practice. Students will critically appraise quantitative and qualitative research and learn how these findings are relevant to ensuring optimal patient care outcomes. The course also includes an introduction to data entry and analysis and the role that informatics plays in nursing research. This course is offered online only.
Terms Typically Offered: Fall.

## NRS-468 Community and Public Health Nursing 2 Credits

This theory course provides evidence-based concepts in caring for individuals, families, and populations in the community and public health settings. Issues such as child abuse and family violence will be explored. The theory course and practicum experiences ( 90 hours) qualifies the BSN graduate for Public Health Nursing certification. (NOTE: This course previously combined the lecture and lab components for 5 credits; see 2019 Academic Catalog)
Co-Requisite: NRS-468P
Terms Typically Offered: Fall.
NRS-468P Community and Public Health Nursing Practicum 2 Credits This practicum course provides experiences in caring for individuals, families, and populations in the community and public health settings. Issues such as child abuse and family violence will be explored. Practicum experiences ( 90 hours) will be spent in simulated, and community-based experiences, which qualifies the BSN graduate for Public Health Nursing certification.(NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog) Co-Requisite: NRS-468
Terms Typically Offered: Fall.

NRS-475 Nursing Capstone and Preceptorship 2 Credits
This capstone course focuses on the application of evidence-based concepts of nursing and related coursework in the care of selected populations. The course aims to ease the role transition from a student nurse to a beginning professional nurse. Scheduled meetings and seminar will provide the opportunity for guided discussions and review of concepts learned throughout the program in preparation for the RN Licensure Examination. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-475P
Terms Typically Offered: Spring.
NRS-475P Nursing Capstone and Preceptorship Practicum 2 Credits This practicum experience aims to ease the role transition from a student nurse to a beginning professional nurse and enrich the skill and practice knowledge of the student in preparation for the RN Licensure Examination. This practicum experience ( 90 hours) will further expose students to the complexities of multiple nursing roles. NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-475
Terms Typically Offered: Spring.

## NRS-480 Ethical Issues and Holistic Care 3 Credits

This course offers an introduction to Christian nursing in the context of the mission of Vanguard University. Topics will include the history of Christian nursing, application of Christian values to healthcare, and the provision of spiritual care to patients and their families. This class will also look at ethical issues, including ethical decision making applicable to health care issues. Lecture format. (formerly titled Nursing Faithfully for two credits; see 2019 Academic Catalog)
Terms Typically Offered: Spring.

## Nursing B.S.N. (Pre-Licensure) Requirements

| CodeTitle <br> Core Curriculum Requirements $(\mathrm{p} .62)^{1,2}$ | Units |
| :--- | ---: |
| Major Core Requirements | 43 |
| Total Units | $\mathbf{8 5}$ |
| $\mathbf{1}$ | $\mathbf{1 2 8}$ |

Number of units required from the Core Curriculum not included in the major requirements below.
2
See the Four Year Plan for Core Curriculum courses and the sequence in which they are to be taken.

## Pre-Licensure Bachelor of Science in Nursing Major Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Related Discipline Core Requirements |  |  |
| BIOL-100C | Fundamentals of Biology for Non-Majors | 3 |
| BIOL-100CL | Fundamentals/Biology for Non-Majors Lab | 1 |
| BIOL-204C | Human Anatomy | 3 |
| BIOL-204CL | Human Anatomy Laboratory | 1 |


| BIOL-304 | Human Physiology | 3 |
| :---: | :---: | :---: |
| BIOL-304L | Human Physiology Lab | 1 |
| BIOL-209 | Principles of Microbiology | 3 |
| BIOL-209L | Principles of Microbiology Lab | 1 |
| CHEM-210C | Integrated Chemistry | 4 |
| CHEM-210CL | Integrated Chemistry Laboratory | 1 |
| PSYC-103C | Introduction to Psychology ${ }^{1}$ | 3 |
| MATH-270C | Health Professions Statistical Methods | 3 |
| Upper Division ${ }^{2,3}$ |  |  |
| NRS-302 | Fundamentals of Nursing Theory and Practice in Older Adults | 3 |
| NRS-302P | Fundamentals of Nursing Theory and Practice in Older Adults Practicum | 2 |
| NRS-350 | Nursing Care of the Adult I | 3 |
| NRS-350P | Nursing Care of the Adult I Practicum | 3 |
| NRS-355 | Physical Assessment | 2 |
| NRS-355L | Physical Assessment Lab | 1 |
| NRS-360 | Psychiatric and Mental Health Nursing | 2 |
| NRS-360P | Psychiatric and Mental Health Nursing Practicum | 2 |
| NRS-365 | Integr Pathophys/Pharmacology | 4 |
| NRS-370 | Nursing Care of the Adult II | 3 |
| NRS-370P | Nursing Care/Adult II Practicum | 3 |
| NRS-375 | Maternity and Women's Health | 2 |
| NRS-375P | Maternity and Women's Health Practicum | 2 |
| NRS-400 | Nursing Care of the Critically III Adult | 3 |
| NRS-400P | Nursing Care of the Critically III Adult Practicum | 3 |
| NRS-420 | Nursing Care of the Child and Adolescent | 2 |
| NRS-420P | Nursing Care of the Child and Adolescent Practicum | 2 |
| NRS-460 | Leadership and Management | 2 |
| NRS-465 | Nursing Research and Evidence-Based Practice | 3 |
| NRS-468 | Community and Public Health Nursing | 2 |
| NRS-468P | Community and Public Health Nursing Practicum | 2 |
| NRS-475 | Nursing Capstone and Preceptorship | 2 |
| NRS-475P | Nursing Capstone and Preceptorship Practicum | 2 |
| NRS-480 | Ethical Issues and Holistic Care | 3 |
| Total Units |  | 85 |

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Nursing.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| BIOL-100C | Fundamentals of Biology for Non-Majors | 3 |
| BIOL-100CL | Fundamentals/Biology for Non-Majors Lab | 1 |
| ENGL-120C | Persuasive Writing | 3 |
| NT-101C | New Testament Survey | 3 |
| CORE-100C | Cornerstone | 1 |
| PSYC-103C | Introduction to Psychology | 3 |
|  | Units | $\mathbf{1 4}$ |
| Year 1 Term 2 |  | 3 |
| BIOL-204C | Human Anatomy | 1 |
| BIOL-204CL | Human Anatomy Laboratory | 3 |
| MATH-270C | Health Professions Statistical Methods | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| THEO-101C | Foundations of Christian Life | $\mathbf{1 6}$ |
|  | Units |  |
| Year 2 Term 1 |  | 3 |
| BIOL-304 | Human Physiology | 1 |
| BIOL-304L | Human Physiology Lab | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| ENGL-220C | Researched Writing | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| OT-201C | Old Testament Survey | $\mathbf{1 6}$ |
|  | Units |  |
|  |  |  |

Year 2 Term 2

| BIOL-209 | Principles of Microbiology | 3 |
| :--- | :--- | :--- |
| BIOL-209L | Principles of Microbiology Lab | 1 |
| CHEM-210C | Integrated Chemistry | 4 |
| CHEM-210CL | Integrated Chemistry Laboratory | 1 |


| COMM-201C | Speech Composition and Presentation | 3 |
| :---: | :---: | :---: |
| ENGL-230C | Literature and the Human Experience | 3 |
|  | Units | 15 |
| Year 3 Term 1 |  |  |
| NRS-302 | Fundamentals of Nursing Theory and Practice in Older Adults | 3 |
| NRS-302P | Fundamentals of Nursing Theory and Practice in Older Adults Practicum | 2 |
| NRS-355 | Physical Assessment | 2 |
| NRS-355L | Physical Assessment Lab | 1 |
| NRS-365 | Integr Pathophys/Pharmacology | 4 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | 15 |
| Year 3 Term 2 |  |  |
| NRS-350 | Nursing Care of the Adult I | 3 |
| NRS-350P | Nursing Care of the Adult I Practicum | 3 |
| NRS-375 | Maternity and Women's Health | 2 |
| NRS-375P | Maternity and Women's Health Practicum | 2 |
| NRS-360 | Psychiatric and Mental Health Nursing | 2 |
| NRS-360P | Psychiatric and Mental Health Nursing Practicum | 2 |
| THEO-300C | Developing a Christian World View | 3 |
|  | Units | 17 |
| Year 4 Term 1 |  |  |
| NRS-370 | Nursing Care of the Adult II | 3 |
| NRS-370P | Nursing Care/Adult II Practicum | 3 |
| NRS-420 | Nursing Care of the Child and Adolescent | 2 |
| NRS-420P | Nursing Care of the Child and Adolescent Practicum | 2 |
| NRS-465 | Nursing Research and Evidence-Based Practice | 3 |
| NRS-468 | Community and Public Health Nursing | 2 |
| NRS-468P | Community and Public Health Nursing Practicum | 2 |
|  | Units | 17 |


| Year 4 Term $\mathbf{2}$ |  |  |
| :--- | :--- | ---: |
| NRS-400 | Nursing Care of the Critically III Adult | 3 |
| NRS-400P | Nursing Care of the Critically III Adult | 3 |
|  | Practicum |  |
| NRS-460 | Leadership and Management | 2 |
| NRS-475 | Nursing Capstone and Preceptorship | 2 |
| NRS-475P | Nursing Capstone and Preceptorship | 2 |
|  | Practicum |  |
| NRS-480 | Ethical Issues and Holistic Care | 3 |
| CHIS-400C | Christian Heritage | 3 |
|  | Units | $\mathbf{1 8}$ |
|  | Total Units | $\mathbf{1 2 8}$ |

# School for Professional Studies 

Renea Brathwaite, Ph.D., Dean

The School for Professional studies offers certificates and undergraduate programs to non-traditional undergraduate students in classroombased (residential), distance learning (online), and blended formats year round. The School for Professional is committed to providing students with a broad education in the liberal arts and expertise in an academic major in business, early childhood education, nursing, psychology, and theology. This education supports Vanguard University's mission to pursue knowledge, cultivate character, deepen faith, and equip each student for a Spirit-empowered life of Christ-centered leadership and service.

Academic majors housed in The School for Professional Studies are listed below within their respective divisions. Academic majors typically have several options for minors, concentrations, and emphases. A petition for an academic minor, concentration, or emphasis must be filed with the Registrar's Office.

## Division of Arts, Education and Humanities

The Early Childhood program is offered in a distance learning (online) format only.

- Early Childhood B.A. (p. 124)
- Early Childhood B.A. with a Concentration in Special Education (p. 126)
- Early Childhood B.A. with a Concentration in STEM/STEAM (p. 127)
- Early Childhood Certificate (p. 127)
- Transitional Kindergarten Certificate (p. 128)


## Division of Business and Communication <br> The Business Administration and Management programs are both offered in residential (on-campus) and distance learning (online) formats. <br> - Business Administration B.A. (p. 171) <br> - Management B.A. (p. 174)

## Division of Natural, Physical and Health Sciences

- Nursing B.S.N. (RN to BSN) (p. 240)


## Division of Social and Behavioral Sciences

The Psychology program is offered in both residential (on-campus) and distance learning (online) formats.

- Psychology B.A. (p. 281)


## Division of Theology

The Theology programs are offered in both residential (on-campus) and distance learning (online) formats. The Anti-Human Trafficking Certificate is offered in a distance learning (online) format only.

- Anti-Human Trafficking Certificate (p. 314)
- Theology B.A. with a Concentration in Ministry and Leadership (p. 326)


## Department of Nursing (RN-BSN)

Mission: The Vanguard University Nursing Department is committed to providing quality undergraduate and graduate nursing programs that promote academic excellence while integrating the values of Truth, Virtue, and Service. In doing so, we strive to be a center of excellence in Christian nursing education.

The RN to BSN program combines innovative curriculum, interdisciplinary teaching, and collaborative partnerships in a values-based baccalaureate program. The two-year course of study promotes critical inquiry, enhances the nurse's skill set, and prepares the nurse for leadership roles in the healthcare environment. This two-year program can also be completed within 10-18 months with a specialized academic plan.

## University Admission Requirements for School for Professional Studies

See Admissions Information page for additional information on admissions in to the School for Professional Studies.

## Program Requirements for Admission

In addition the University Admission Requirements in to the School for Professional Studies, the following are required for admission in to the RN-BSN program.

- Preferred overall 3.0 GPA (out of 4.0) - official transcripts required for verification
- Minimum grade of " $C$ " (2.0) on all degree requirements course work
- Minimum grade of " $C$ " (2.0) on all nursing coursework, preferred GPA of 3.0
- One professional letter of reference from a manager, supervisor, or faculty. Letters of reference from family members are not accepted.
- Applicant's typed statement of purpose
- Personal interview
- Verification of valid California RN License or eligibility for licensure. License must be current and clear.
- Verification of current certification in CPR
- One year work experience recommended
- Background check (contracted by the university)


## RN to BSN Online Option

The RN to BSN online program is designed to meet the needs of the student who prefers to take courses in an online format. This program allows students to take advantage of the convenience of online learning without sacrificing the quality of instruction or professor-student and student-student interaction. Online courses cover the same content as in the residential program but provide for additional flexibility in scheduling.

## Dual Enrollment RN to BSN Option

The Dual Enrollment RN to BSN option is designed for students enrolled in a Community College who would like to begin working on their BSN
while studying to obtain their RN license. All RN to BSN admission and curriculum requirements are applicable to the dual enrollment applicant except for RN licensure at admission. Verification of valid California RN licensure is required prior to NURS-420 Community Health Nurs/Clinical Studies.

## New Program - Nurse Educator RN to MSN Program

A RN to MSN option, with a clinical focus on the Nurse Educator role, is being planned and may be available in Fall 2022. The first year of the program focuses on the completion of BSN courses; year two and three are focused on MSN coursework including a capstone project. An MSN will be awarded upon successful completion of the program. Please contact Admissions if you are interested in applying to the program. You may apply online OR email gradadmissions@vanguard.edu OR call us at 877.669.8872 or 714.966 .5499 to speak to schedule an appointment to take the next step!

## Using Education and Training Benefits for Dual Enrollment

Students who wish to use their education and training benefits from the U.S. Department of Veteran Affairs at a secondary institution of higher learning (e.g. Community College), must contact the School Certifying Official (veteranscertifyingofficial@vanguard.edu) to request a "Letter of Authorization" prior to enrolling in courses as the second institution. The School Certifying Official will work closely with the university's Academic Transfer Analyst and Academic Program Chair to verify that the course(s) of interest can be applied toward the academic degree program and will be accepted by Vanguard University.

## Community Health Practicum

- Evidence of all required immunizations/titers, screenings, malpractice insurance, and physical exam report will be required prior to enrolling in NURS 420 Community Health Nursing. This will occur during the last semester of the program.


## General Education Degree Requirements (40 Units)

English Composition 3 units

Humanities/Fine Arts 6 units
Communications (3)
Humanities (3)
Science with lab 16 units
Human Anatomy (4)
Physiology (4)
Microbiology (4)
Chemistry (4)

## Statistics 3 units

Philosophy/Religion 3 units
Social Sciences 9 units
Psychology (3)

Sociology (3)
Elective (3)

## Program Learning Outcomes

1. Critical Thinking/Clinical Reasoning/Clinical Judgment: Use a systematic approach in assessing, planning, testing, and evaluating innovative and evidence-based solutions to patient care problems across a variety of healthcare settings.
2. Integration of Faith and Learning: Develop and articulate an understanding of a Biblical worldview in integrating values of truth, virtue, and service in personal and professional life and in providing Christ-centered leadership and service.
3. Ethical Practice: Demonstrate behaviors that integrate altruism, autonomy, integrity, social justice, and respect for diversity and human dignity across the lifespan.
4. Holistic Living: Demonstrate responsibility and accountability for self and nursing practice, engagement in life-long learning, and ongoing professional growth.
5. Communication: Demonstrate appropriate written and oral communication skills to promote collaborative relationships with intro-professional healthcare team members, individuals, families, groups, and communities.
6. Professional Excellence: Use a problem-solving approach in evaluating patient health status and in advocating for the patient and family, anticipating and reducing risk, and improving health outcomes.
7. Cultural Competency and Citizenship: Apply cultural competence theory in the care of diverse individuals, families, groups, communities, and populations across the lifespan and across the continuum of healthcare environments.
8. Information and Technology Competency: Demonstrate technology skills in locating, retrieving, applying, and evaluating the integrity of information while using information responsibly and ethically.
9. Leadership and Patient Safety: Apply leadership concepts, skills, decision making, and problem solving in the provision and oversight of nursing practice, and in advocating for equitable health care.

## Program

Major

- Nursing B.S.N. (RN to BSN) (p. 240)


## Courses

## NURS-235 Statistics for Health Professn 3 Credits

Limited to those enrolled in Health Sciences. Meets statistics prerequisite for NURS 405. This course introduces the conceptual background of statistical techniques and reasoning with an emphasis on application relevant to identifying outcomes. Provides a framework for understanding and applying commonly used data analysis techniques in health science research. Includes selecting, applying, and interpreting univariate and bivariate statistical methods in answering research questions from a health science perspective.
Terms Typically Offered: Fall.

## NURS-316 Writing/Critical Analysis/Health-Related 3 Credits

In this course, students engage in critical thinking and research writing relevant to learning and practice in nursing. The class emphasizes scholarly reading, analytical skills, writing, revising and editing, collaborative learning and the use of digital media in the research of health-related topics. Proper APA format will be emphasized and required for all written work.
Terms Typically Offered: Fall and Spring.

## NURS-320 Ethical Iss/Leg Aspects/Nurs 3 Credits

This course introduces students to the analysis of ethical issues and dilemmas arising in nursing practice and healthcare systems. Emphasis is placed on values clarification, models for ethical decision making, consideration of relevant legal aspects, and related documents such as the Nursing Code of Ethics that guide professional practice. Woven throughout the ethical discussions is reference to the importance of Christian values and a Christian worldview in identifying and solving ethical issues that arise out of the practice of nursing. This course is offered in seated and online formats.
Terms Typically Offered: Fall and Spring.

## NURS-327 Health Assessment 3 Credits

The purpose of this course is to provide the student with the opportunity to be equipped with skills necessary to do a multi-dimensional health assessment of their identified client. Emphasis is placed on the concepts of bio-psycho-social, spiritual, cultural, and community health care needs in performing the holistic examination of the individual. Additional emphasis will include the client's health care needs, levels of prevention and growth and development of the individual across the lifespan. This course is offered in seated and online formats.

## NURS-405 Nursing Research and Seminar 3 Credits

This course explores the historical, philosophical, and ethical aspects of nursing research. The relationship between nursing research and professional accountability is explored. An emphasis is placed on the principles and methods of research process with emphasis on evaluating research to determine significance and applicability to nursing practice.
Students will apply concepts to a research project. This course is offered in seated and online formats.
Prerequisite: MUST COMPLETE: STATISTICS COURSE

## NURS-410 Principles of Pathophysiology 4 Credits

This course presents knowledge of pathophysiology, using a systems approach, as applied to current nursing practice. Selected major health problems, their pathophysiology and medical treatment are discussed. Topics from various scientific and clinical areas will be explored and coordinated with other courses in the nursing program. This course is offered in seated and online formats.

## NURS-411 Spirituality/Care/Professional Nursing 1 Credit

Students are guided in an examination of patient-centered spiritual care amongst diverse healthcare populations. Evidence-based spiritual care delivery from a Christian worldview and the integration of faith and practice as an essential component of nursing excellence is explored. Personal and professional development of the nurse, including moral courage is examined, as well as the effect of this on patient care outcomes. The implementation of optimal interventions from an interprofessional spiritual care team approach will also be evaluated. Terms Typically Offered: Fall.

## NURS-415 Sociocult Cntxt/Diversity/Nurs 3 Credits

This course examines how cultural, socioeconomic, religious, racial, generational, and lifestyle differences are experienced by members of society, and how these variables are related to health and disease. Also included is a concerted understanding of how cultural and social practices impact health both positively and negatively. This course is designed to help the student integrate diversity knowledge within the community health setting. This course is offered in seated and online formats.

NURS-420 Community Health Nurs/Clinical Studies 5 Credits This course, through both classroom and clinical experience in community settings, will help the student develop skills in providing nursing care to individuals, families, and/or communities. Issues such as Child Abuse and family violence will be discussed. Ninety hours of clinical practice in public/community health settings are required to successfully complete this course. The Child Abuse content for the Public Health Nurse certificate (PHN) is included (7 hours). This course is offered in seated and online formats. *Note: There may be additional clinical/health requirements or updates that need to be submitted prior to beginning this course. All clinical/health requirements are to be uploaded in an immunization tracker system (contracted by the university).

NURS-425 Edctn Theory/Proc/Tchg in Nurs 3 Credits
This course explores education theory and skills in clinical teaching situations with emphasis on individuals, families, and groups. Content includes theories and principles of learning, teaching strategies and methodologies, teaching resources, assessment and evaluation of instruction. This course is offered in seated and online formats.

## NURS-430 Ldrshp/Mngt in Professnl Nurs 3 Credits

This course explores theories of leadership/management, concepts of power, motivation, decision-making, change, budgeting and management skills related to the professional nursing role in the healthcare system. This course is offered in seated and online formats.
NURS-470 Special Topic: 1-4 Credits
Study of a special topic in Nursing. May be repeated for credit.

## Nursing B.S.N. (RN to BSN) Requirements

NOTE : The academic program requirements listed below for this accelerated program are based on the student transferring in previous coursework and have completed requirements for being a Registered Nurse (R.N.). Questions, contact the Chair for this academic program.

| Code $\quad$ Title | Units |
| :--- | ---: |
| General Education Requirements ${ }^{2}$ | 40 |
| Major Core Requirements ${ }^{1}$ | 30 |
| Units granted for passing NCLEX | RN license exam |
| Electives | 10 |
| Total Units | $\mathbf{4 0}$ |

1

## Course Repetition

Students enrolled in the RN to BSN Program cannot repeat any more than 2 nursing major courses related to course failure or withdrawal.
Additionally, students may not repeat any pre-requisite or nursing course more than once. Any deviation from this policy requires Program Committee approval with a petition submitted to the Chair of the RN to BSN Program.

General Education Requirements can be found in the overview page.

## Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Core Requirements |  |  |
| NURS-316 | Writing/Critical Analysis/Health-Related | 3 |
| NURS-320 | Ethical Iss/Leg Aspects/Nurs | 3 |
| NURS-327 | Health Assessment | 3 |
| NURS-405 | Nursing Research and Seminar | 3 |
| NURS-410 | Principles of Pathophysiology | 4 |
| NURS-415 | Sociocult Cntxt/Diversity/Nurs | 3 |
| NURS-420 | Community Health Nurs/Clinical Studies | 5 |
| NURS-425 | Edctn Theory/Proc/Tchg in Nurs | 3 |
| NURS-430 | Ldrshp/Mngt in Professnl Nurs | 3 |
| 10 units will be granted for passing the NCLEX RN licensing exam | 10 |  |
| Total Units |  | $\mathbf{4 0}$ |

## Dual Enrollment RN to BSN Option

The Dual Enrollment RN to BSN option is designed for students enrolled in a Community College who would like to begin working on their BSN while studying to obtain their RN license. All RN to BSN admission and curriculum requirements are applicable to the dual enrollment applicant except for RN licensure at admission. Verification of valid California RN licensure is required prior to NURS-420 Community Health Nurs/Clinical Studies.

## RN to BSN Online Option

The RN to BSN online program is designed to meet the needs of the student who prefers to take courses in an online format. This program allows students to take advantage of the convenience of online learning without sacrificing the quality of instruction or professor-student and student-student interaction. Online courses cover the same content as in the residential program but provide for additional flexibility in scheduling.

## Malpractice Insurance

Each student must have basic malpractice insurance before the beginning of the Community Health practicum. This will occur during the last semester of the program.

## Multi Year Plan

Disclaimer: This sample Multi-Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as
outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Nursing.

The two-year program consists of 16-week modules with each class being eight weeks. There is flexibility with how many classes can be taken each module and classes can be taken out of order.

| Course | Title | Units |
| :---: | :---: | :---: |
| Year 1 Term 1 |  |  |
| NURS-320 | Ethical Iss/Leg Aspects/Nurs | 3 |
| NURS-316 | Writing/Critical Analysis/Health-Related | 3 |
|  | Units | 6 |
| Year 1 Term 2 |  |  |
| NURS-327 | Health Assessment | 3 |
| NURS-410 | Principles of Pathophysiology | 4 |
|  | Units | 7 |
| Year 1 Term 3 |  |  |
| NURS-415 | Sociocult Cntxt/Diversity/Nurs | 3 |
| NURS-405 | Nursing Research and Seminar | 3 |
|  | Units | 6 |
| Year 2 Term 1 |  |  |
| NURS-425 | Edctn Theory/Proc/Tchg in Nurs | 3 |
| NURS-430 | Ldrshp/Mngt in Professnl Nurs | 3 |
|  | Units | 6 |
| Year 2 Term 2 |  |  |
| NURS-420 | Community Health Nurs/Clinical Studies | 5 |
| ELCT-PLHD1 | Elective Course 1 Unit | 1 |
|  | Units | 6 |
|  | Total Units | 31 |

## Graduate Programs

The Graduate Programs at Vanguard University offers certificates and academic degrees that are offered in a classroom-based (residential), distance learning (online), and blended formats during a two-semester academic year and in Summer sessions. The Graduate Programs are committed to providing students with a broad education and expertise in an academic major clinical psychology, education, nursing, organizational psychology, and theology. This education supports Vanguard University's mission to pursue knowledge, cultivate character, deepen faith, and equip each student for a Spirit-empowered life of Christ-centered leadership and service. Emphasis is placed on the application of an academic discipline to an integrated Christian faith and life as it is lived in vocation, service, and graduate studies.

Graduate Programs offered at Vanguard University are listed below within their respective divisions. Academic majors typically have several options for minors, concentrations, and emphases. A petition for an academic
minor, concentration, or emphasis must be filed with the Registrar's Office.

## Division of Arts, Education and Humanities

- California Preliminary Credential Program (p. 136)
- Education M.A. (p. 138)
- Teacher Advancement Program (p. 140)

The Teacher Advancement Program courses are designed to provide current teachers with continuing education to increase their knowledge and effectiveness in the classroom. This is for professional development purposes only and is not associated with an academic degree offered through Vanguard University.

## Division of Natural, Physical and Health Sciences

- Biotechnology B.S./M.S. (4+1) (p. 251)
- Biotechnology M.S. (2Yr) (p. 253)
- Nursing M.S.N. (p. 246)
- Nursing R.N to M.S.N. (p. 247)
- Post-Master's Clinical Nurse Specialist Certificate (p. 248)
- Post-Master's Psych/Mental Health Nurse Practitioner (PMHNP) (p. 248)


## Division of Social and Behavioral Sciences

- Clinical Psychology M.S. (p. 290)
- Graduate Certificate in Intercultural and Inclusive Leadership (p. 298)
- Graduate Certificate in Organizational Consulting (p. 298)
- Graduate Certificate in Talent Development and Organizational Analysis (p. 298)
- Industrial-Organizational Psychology M.S. (p. 299)
- Organizational Psychology M.A. (p. 300)


## Division of Theology

- Anti-Human Trafficking Certificate (p. 314)
- Leadership Studies M.A. (p. 337)
- Theology M.A. (p. 345)


## Graduate Program in Nursing

Mission: The mission of the Graduate Program in Nursing is equipping nurse leaders and educators for a life of leadership and service by providing a challenging program of study, guided professional development, and integrated faith-based learning within a dynamic and supportive learning environment.

## Master of Science in Nursing (MSN), Education and Leadership

## MSN Description

The purpose of the Master of Science in Nursing Degree is to offer a dual track program for the bachelor's prepared registered nurse. The program prepares the student for the role of both Nurse Educator and Nurse Leader. Graduates are equipped to expertly teach the patient, family, nurse, and community regarding health, as well as perform in academic roles. Graduates are also equipped to assume leadership roles in healthcare management, program development, and quality improvement processes. Students complete a quantitative or qualitative research thesis project that addresses the healthcare related needs of a select population or needs related to professional nursing practice. All courses are offered in an online or hybrid format except for practicum courses. The Program consists of 42-45 units that can be completed in a minimum of six semesters.

## RN to Master of Science in Nursing <br> (MSN), Nurse Educator

## RN to MSN Description

The RN to Master of Science in Nursing (MSN) Program is designed for registered nurses who do not have a bachelor's degree and are seeking to complete a master's degree. This program prepares graduates to assume a position as a Nurse Educator in healthcare settings, serve in advanced roles related to population health education, and teach in academic nursing programs.

## Program Goals

1. Demonstrate advanced performance in critical thinking and clinical reasoning in the role of the nurse leader and educator through a faithbased nursing education.
2. Promote character development and spirituality through the integration of truth, virtue and service.
3. Develop professionalism as a patient advocate, nurse educator, and leader.
4. Synthesize evidence-based practice to promote optimal outcomes in select groups and populations.
5. Advocate for policy changes that enhance the care of diverse patients in complex healthcare systems.
6. Evaluate the use of technologies, as a nurse leader and educator, to improve and enhance healthcare outcomes.

## Admissions to the Graduate Program for Nursing

Applications and information about graduate program admission may be obtained from the Graduate and Nursing Admissions Office:

- Phone: (714) 966-5499 main or (877) 669-8872 toll free
- Email: gradadmissions@vanguard.edu
- For deadlines and to apply: http://www.vanguard.edu/admissions/ graduate (http://www.vanguard.edu/admissions/graduate/)

When submitting an application, a non-refundable \$45.00 application fee is required. Once all supporting information has been received and the
application is complete, the full application will be reviewed. Finalists may be invited for an onsite or telephone interview. All applicants are evaluated without regard to race, gender, age, political affiliation, national origin or disabling conditions.

The completed application form, along with all supporting documents, should be submitted to the Graduate and Nursing Admissions Office.

Please contact Graduate and Nursing Studies Admissions directly or refer to the website for specifics regarding application deadlines and acceptance notification for both Fall and Spring admissions.

## Readmission Policy

If a student has been absent from the program for more than one semester and does not have a current Leave of Absence form on file, he or she will be administratively withdrawn and must submit an "Application for Re-admission" to the Graduate and Nursing Admissions Office. There is a fee for re-admission. Readmitted students will be subject to current academic catalog program requirements. Students must also submit transcripts (if any) from other institutions while absent from Vanguard University.

## Program Learning Outcomes

## Program Learning Outcomes

1. Advocate for health policy changes that enhance population health and promote professional nursing practice.
2. Utilize emerging technologies to provide credible health information to clients, nurses, and students.
3. Perform assessments focusing on physical, mental, emotional, and spiritual needs of culturally diverse individuals.
4. Develop curriculum/teaching plan.
5. Support legal and ethical guidelines in all aspects of nursing practice.
6. Develop a thesis project using research, critical thinking, and evidence-based practice principles.
7. Prepare to assume a senior leadership/management position and/or the role of educator in a health care agency or college setting.
8. Integrate faith and lifelong learning in personal and professional life.

## Programs

Major:

- Nursing M.S.N. (p. 246)
- Nursing R.N to M.S.N. (p. 247)


## Certificate:

## Application Information

Applicants for the Clinical Nurse Specialist (CNS) certificate option must have a completed master's degree in nursing. All other application and admission requirements and program policies are the same as indicated for the MSN program.

- Post-Master's Clinical Nurse Specialist Certificate (p. 248)
- Post-Master's Psych/Mental Health Nurse Practitioner (PMHNP) (p. 248)


## Courses

NOTE: Courses listed

## Clinical Nurse Specialist (Post-Graduate Certificate)

## CNSG-613 Advanced Health Assessment 2-3 Credits

Focuses on the adult population spanning from young to older adults. Designed to offer an advanced review of obtaining a complete health history and the physical assessment competencies required for this patient population. Emphasis is placed on the relationship between physical assessment and health behaviors in conjunction with epidemiological, cultural, psychosocial, and spiritual needs of clients. Upon this foundation, the student will develop the necessary skills to assess and identify client problems and formulate appropriate and comprehensive plans of care that promote better health and disease prevention. A 3-unit course option is available for the student who plans to pursue a post-master's advanced practice role.

CNSG-618 Advanced Concepts in Pathophysiology 2-3 Credits Discusses advanced principles of physiology and pathophysiology that are applicable across the lifespan. In-depth examination of pathophysiologic mechanisms that are responsible for human illness and disease are utilized as the framework for discussing common complex health problems encountered within major body systems. Alterations are examined beginning at the cellular level with the analysis of human responses to disease processes. Integrates discussion of assessment, diagnosis, and evidence-based management utilized in treatment of these health problems. A 3-unit course option is available for the student who plans to pursue a post-master's advanced practice role.
CNSG-622 Advanced Concepts in Pharmacology 2-3 Credits Prepares nurses for expert clinical practice using advanced theoretical and empirical knowledge of pharmacology directly applicable to advanced practice nursing. Principles of altered pharmacodynamics and pharmacogenomics are discussed relative to age, race, ethnicity, and genetics/genomics. Content will provide the advanced practice nurse with the necessary competencies to work with patients, healthcare professionals, and communities of interest in providing care that is safe, timely, and evidence-based. A 3-unit course option is available for the student who plans to pursue a post-master's advanced practice role.
CNSG-623 Advanced Concepts in Pharmacology Practicum 2-3 Credits Prepares nurses for expert clinical practice using advanced theoretical and empirical knowledge of pharmacology directly applicable to advanced practice nursing. Principles of altered pharmacodynamics and pharmacogenomics are discussed relative to age, race, ethnicity, and genetics/genomics. Content will provide the advanced practice nurse with the necessary competencies to work with patients, healthcare professionals, and communities of interest in providing care that is safe, timely, and evidence-based. A 3-unit course option is available for the student who plans to pursue a post-master's advanced practice role. Practicum course included a minimum of 167 hours of practice. Prerequisite: CNSG-622

CNSG-624 Preparation for the CNS Role as Leader, Educator, and Clinician 2 Credits
This course introduces the student to a more comprehensive facet of roles assumed by the CNS. The content will include methods of educating patients and staff; methods of improving healthcare through quality improvement; management of employees; improvements in care via role modeling and staff coaching; and role of consultant to improve patient safety.

## CNSG-627 Clinical Practicum I:expert Practice/Edu And Education 4 Credits

There are five (5) required areas of competency that must be addressed for the CNS. These areas will be stressed in the Practica. They are: Expert clinical practice, education, research, consultation, and clinical leadership. The emphasis is on providing opportunities for the student to expand on existing nursing professional growth in order to promote the health and well-being of an identified aggregate. This course will include the Expert Clinical Practice and Education portion of the CA BRN requirements.*
CNSG-632 Clinical Practicum II: Research Competency 4 Credits
There are five (5) required areas of competency that must be successfully completed for the CNS certificate. These areas will be stressed in the Practica. They are: Expert clinical practice, education, research, consultation, and clinical leadership. The emphasis is on providing opportunities for the student to expand on existing nursing professional growth in order to promote the health and well-being of an identified aggregate. This course will include the Research Competency role for the CNS.*

CNSG-637 Clinical Practicum III:Consultation And Clinical Leadership 4

## Credits

There are five (5) required areas of competency that must be successfully completed for the CNS certificate. These areas will be stressed in the Practica. They are: Expert clinical practice, education, research, consultation, and clinical leadership. The emphasis is on providing opportunities for the student to expand on existing nursing professional growth in order to promote the health and well-being of an identified aggregate. This course will include the Consultation and Clinical Leadership components of the CNS role.*

## Graduate Nursing

NURS-501 Theoretical Frameworks of Leadership 2 Credits
This course explores the theoretical underpinnings of leadership and management in nursing. Content includes leadership styles and attributes, interpersonal communications in effectively leading and collaborating with diverse populations, as well as, an explanation of the concept of "emotional intelligence." Building a dynamic team to improve optimal quality care will also be articulated. Responsibilities of managers, such as, organizational management, appropriate delegation of responsibilities, the art of supervision, coaching for success and collaboration will be analyzed. The role of ethics and the law will be discussed as they apply to equity and fair treatment of all in the workplace.
Terms Typically Offered: Fall.

NURS-506 Diversity, Social and Global Issues in Health Promotion and Disease Prevention 2 Credits
Students will have the opportunity to synthesize and analyze the impact of social and global issues on the perceptions of health; view of disease prevention and health promotion among culturally and socially diverse patient/client and aggregate populations. Health issues that affect populations across the globe will be explored in order for nurses to effectively advocate for change.
Terms Typically Offered: Fall.

## NURS-510 Spirituality/Care/Professional Nursing 1 Credit

Students are guided in an examination of patient-centered spiritual care amongst diverse healthcare populations. Evidence-based spiritual care delivery from a Christian worldview and the integration of faith and practice as an essential component of nursing excellence is explored. Personal and professional development of the nurse, including moral courage is examined, as well as the effect of this on patient care outcomes. The implementation of optimal interventions from an interprofessional spiritual care team approach will also be evaluated.
Terms Typically Offered: Fall.

## NURS-512 Leg/Eth Perspectives for Adv Prac Edu \& Education and Leadership/Management 2 Credits

Prepares graduates to analyze and take action in regard to legal and ethical situations encountered by nurses and interprofessional healthcare teams at the individaul, community, organizational, and public policy level. Current and emerging influences of legal and ethical issues on nursing practice are explored and professional codes of ethics are applied to the decision-making process. Skills are developed to search and collect information on legal issues related to risk management and advocacy for clients and students in practice and academic settings.
NURS-516 Research Methodologies and Project Development I 3 Credits
This course is an exploration of both the research process and methodologies. The content includes both quantitative and qualitative designs. Emphasis will be placed on the first phase of the thesis project design and development. Students will have the opportunity to prepare the first three chapters of the project report.
Prerequisite: You must take an Undergraduate Statistics course before you can register for this course.

## NURS-518 Nurse Educator and Leadership Roles: Theory and Practice 2 Credits

Explores and integrates leadership concepts essential to the Advanced Practice Nurse Educator role that include transformational leadership, life-long learning, leader as innovator, reflective practice, servant leadership, exemplary role modeling, and the promotion of excellence in all arenas of nursing education.
Terms Typically Offered: Fall.

## NURS-526 Policies Affecting Health Delivery And Fiscal Systems 2 Credits

The impact that policies exert on health care delivery will be analyzed in addition to how regulatory processes are developed and impact nursing practice. Emphasis on identifying factors, such as, technology, federal, and local policies that influence development of and changes in health care systems. Students will have the opportunity to interpret various health policies and articulate how nurses can advocate for changes that enhance health. How policy-making proceeds will also be explored. Terms Typically Offered: Fall, Spring, and Summer.

## NURS-531 Assessing, Planning, and Managing Budget Resources 2 Credits

Utilizing methods to assess fiscal and resource requirements, planning budgets, and managing systems will be reviewed and analyzed. Methods and instruments available to efficiently allocate resources will be discussed as well as the design of plans that decrease duplication of ineffective strategies and services. Business principles will be identified as potential guidelines in managing nursing units and agencies.
Terms Typically Offered: Spring and Summer.

## NURS-541 Management Practicum 4 Credits

During this course, each student will choose a setting in which he/ she will complete 55 hours in a management /leadership position. Each student will work with a preceptor who occupies either a formal leadership or management position. During this practicum, students will apply knowledge that was learned in earlier coursework. Seminars (5 hours) will also be scheduled by the faculty of record in order to direct and support students in achieving personal as well as course objectives. (NOTE: Course no longer being offered; NURS-653 to replace course; see 2020 Academic Catalog)
Prerequisite: NURS-501
Terms Typically Offered: Summer.

## NURS-580 Introduction to Capstone Project 2 Credits

This course introduces the definition, purpose, and expectations of the Capstone Project. Examines the connections between theoretical frameworks and evidence-based practice. Students will identify current issues in nursing practice and education in need of study. Students will begin to design a quality improvement project or an evidence-based project that will facilitate the application of theory to practice with the endeavor to effect change and improve outcomes.

## NURS-610 Theoretical Frameworks of Education 2 Credits

The goal of this course is to explore the theories of education, how a theoretical framework becomes the foundation for an effective teaching process, how to focus the educational offering on an aggregate (e.g. students, patients/families, staff, or other health care providers). There will be a review about how learning proceeds, and how educators successfully apply principles of andragogy in the teaching / learning setting. In addition, the students will have the opportunity to discuss the legal and ethical issues surrounding educational settings in today's culture.
Terms Typically Offered: Fall.

## NURS-612 Education Practicum 3 Credits

Provides a clinical practicum immersion experience exploring the role of the Advanced Practice Nurse Educator in contemporary innovative roles including: Clinical Instructor, Nurse Academician, Hospital-based/Community Nurse Educator, Informatics Nurse, Nurse Researcher, and Nurse Navigator. The student will focus on a project targeting the educational needs of the assigned unit. The course is designed to provide the student with practice opportunities in refining organization/community systems assessment, intervention, and evaluation competencies. The course consists of 130 practicum and five seminar hours. The student will be partnered with a master's or doctorally prepared preceptor under the guidance of faculty.
Prerequisite: Take NURS-518;
Terms Typically Offered: Fall.

## NURS-617 Use of Technology in Healthcare and Nursing Education 2 Credits

Students will explore the application of emerging technologies in the nurse's role as educator. The use of technology will also be analyzed in the effective promotion of optimal patient care outcomes. Utilizing various technologies, students will prepare a scholarly presentation on a topic related to the use of technology in healthcare or nursing education. Terms Typically Offered: Fall.

## NURS-620 Strategies for Effective Instruction 2 Credits

In this course, effective teaching/learning modalities will be discussed and analyzed. Experiences with the patient simulators will provide opportunities to complete hands- on practice related to patient care. The course will assist students in assessing, planning, and implementing instructional sessions geared toward a particular aggregate while considering the learners age group, culture, readiness to learn, and barriers to learning. (NOTE: As of the 2020 Academic Catalog, this course is no longer offered.)
Terms Typically Offered: Fall.
NURS-621 Strategies of Simulation Learning and Instruction 2 Credits Provides an overview of simulation concepts and methodologies applied to nursing education. Innovative teaching and learning strategies are explored using state of the art computerized manikin systems, both lo and hi-fidelity across the lifespan. Provides the opportunity to plan, construct, organize, implement, and evaluate patient scenarios in the role of the nurse educator. Emphasis is placed on debriefing as essential to effective learning based on principles of reflective practice. A hands-on experience is facilitated in a simulated healthcare setting.
Terms Typically Offered: Fall and Spring.

## NURS-625 Thesis Development II 2 Credits

This course constitutes the second phase of the thesis project preparation. The student will continue to develop the project and refine the project report. In addition, Phase II will prepare the student to implement the project.
Prerequisite: NURS-516
Terms Typically Offered: Fall, Spring, and Summer.

## NURS-630 Curriculum and Program Development 2 Credits

This course will provide guidelines in planning a patient teaching offering, an in-service, a course, or a complete curriculum. Discussion will surround the issues of planning a teaching event that focuses on the development of a presentation, description of the learning event, course objectives, content, resources/ audiovisuals, and evaluation plan. Terms Typically Offered: Fall, Spring, and Summer.

## NURS-635 Class/Course Preparation/Plan/Comp Eval Competency Evaluation 2 Credits

This course will assist the student to further refine the skills introduced in NURS 630. The students will articulate the process by which the learning needs and styles of an aggregate are assessed. Each student will then prepare and prepare a presentation with a chosen aggregate. In addition, the student will develop a brief evaluation instrument to analyze whether or not learning has occurred based on the stated objectives. The inservice or presentation will also be measured, via this evaluation, in terms of instructor effectiveness, content clarity, and relevance.
Terms Typically Offered: Spring.

## NURS-642 Thesis Development III, Final Written Report and Defense 2 Credits

Project implementation, the completed written report, and the defense make up the final phase of the thesis project. The thesis defense provides the student the opportunity to perform a professional presentation of their research to an audience of faculty, students, and community members. The course provides on-going focused support and from an appointed faculty advisor. The project must be completed during this course.
Prerequisite: NURS-516, NURS-625
Terms Typically Offered: Fall, Spring, and Summer.

## NURS-650 Education Practicum 4 Credits

This course provides the graduate students with practical application of education theories in college settings. Each student will have the opportunity to choose a preceptor and a setting in which to complete the course successfully. Students will be able to build educator skills by collaborating with a master teacher in order to assess the learning needs of a group, prepare a lesson plan, or assist with syllabi revisions, and teach a portion of a course to nursing students. Seminars ( 5 Hours) will also be scheduled by the faculty of record in order to direct and support students in achieving personal as well as course objectives. (NOTE: As of 2020 Academic Catalog, this course is no longer being offered)
Prerequisite: NURS-610
Terms Typically Offered: Fall.

## NURS-651 Advanced Education Practicum 2 Credits

Provides a clinical practicum immersion experience that allows the student to integrate and apply new knowledge, education theory, and professional competencies in the role of the advanced practice nurse educator. Designed to provide the student with practice opportunities that facilitate optimal patient care outcomes by refining organizational/ community systems assessment, intervention, and evaluation competencies. A minimum of 11 hours per week ( 90 hours) will be spent in the clinical environment with a master's prepared preceptor and under the guidance of practicum faculty. A seminar (five hours) and practicum learning experiences are designed to support the achievement of course and program learning outcomes.
Prerequisite: NURS-610
Terms Typically Offered: Fall, Spring, and Summer.

## NURS-653 Leadership Practicum in Healthcare 2 Credits

Provides the opportunity to perform innovatively and work collaboratively in administrative healthcare environments. Promotes the implementation of quality practice standards and policies for select populations within the healthcare system/organization. Establishes a forum for relating empirical and research-based literature to practicum observations, in the exploration of nursing leadership roles that influence the redesign of emerging healthcare systems (i.e. optimizing cost effective patient centered care). A minimum of 11 hours per week ( 90 hours) will be spent in the clinical environment with a master's prepared preceptor and under the guidance of practicum faculty. A seminar (five hours) and practicum learning experiences are designed to support the achievement of course and program learning outcomes.
Prerequisite: NURS-501
Terms Typically Offered: Fall and Summer.

NURS-680 Independent Study: 1-3 Credits
This course is designed to assist students who wish to experience a more in-depth understanding of a specific subject or to complete a scholarly endeavor (practice, internship, meta-analysis). A faculty member will be assigned to the student (s) in order to assist and direct the student toward meeting course objectives. In collaboration with the faculty, the student will: 1 . Identify area of interest through the statement of a problem or purpose; 2. Decide on a course of action by way of formulating goals and objectives; 3 . Design a plan of action; and 4. Evaluate the plan once the objectives have been met.
Terms Typically Offered: Spring and Summer.

## NURS-685 Implementation of Capstone Project 2 Credits

This course continues with the concepts presented in the Introduction to Capstone Project course. Students will develop the implementation process of their Capstone Project, focusing on the last three sections: Methods, Results, and Discussion. Students will analyze the differentiation between nursing research, evidence-based practice, and quality improvement. Students will synthesize data dissemination to provide evidence in the improvement of patient care outcomes and nursing practice and make recommendations for future research.

## NURS-999 NCLEX RN License $\mathbf{0 - 1 0}$ Credits

## Nursing M.S.N.

Requirements

## Master of Science in Nursing (MSN) Program Requirements

Note: an undergraduate level statistics course is a required pre-requisite for the MSN program.

| Code | Title U | Units |
| :---: | :---: | :---: |
| CNSG-613 | Advanced Health Assessment | 2-3 |
| CNSG-618 | Advanced Concepts in Pathophysiology | 2-3 |
| CNSG-622 | Advanced Concepts in Pharmacology | 2-3 |
| NURS-501 | Theoretical Frameworks of Leadership | 2 |
| NURS-506 | Diversity, Social and Global Issues in Health Promotion and Disease Prevention | 2 |
| NURS-510 | Spirituality/Care/Professional Nursing | , |
| NURS-512 | Leg/Eth Perspectives for Adv Prac Edu \& Education and Leadership/Management | 2 |
| NURS-516 | Research Methodologies and Project Development I | t 3 |
| NURS-526 | Policies Affecting Health Delivery And Fiscal Systems | 2 |
| NURS-531 | Assessing, Planning, and Managing Budget Resources | 2 |
| NURS-610 | Theoretical Frameworks of Education | 2 |
| NURS-617 | Use of Technology in Healthcare and Nursing Education | 2 |
| NURS-621 | Strategies of Simulation Learning and Instruction | 2 |
| NURS-625 | Thesis Development II | 2 |
| NURS-630 | Curriculum and Program Development | 2 |


| NURS-635 | Class/Course Preparation/Plan/Comp Eval <br> Competency Evaluation | 2 |
| :--- | :--- | ---: |
| NURS-642 | Thesis Development III, Final Written Report and <br> Defense | 2 |
| NURS-653 | Leadership Practicum in Healthcare | 2 |
| NURS-651 | Advanced Education Practicum | 2 |
| Total Units |  | $\mathbf{3 8 - 4 1}$ |

## Curriculum Plan

Master of Science in Nursing (MSN) Curriculum Plan
Course Title Units

First Year
First Semester

| NURS-610 | Theoretical Frameworks of Education | 2 |
| :--- | :--- | :--- |
| NURS-617 | Use of Technology in Healthcare and <br> Nursing Education | 2 |
|  | Curriculum and Program Development | 2 |
|  | Units | $\mathbf{6}$ |

## Second Semester

| NURS-516 | Research Methodologies and Project <br> Development I | 3 |
| :--- | :--- | ---: |
| NURS-621 | Strategies of Simulation Learning and <br> Instruction | 2 |
| NURS-635 | Class/Course Preparation/Plan/Comp Eval <br> Competency Evaluation | 2 |


| Units | 7 |
| :--- | :--- |

Third Semester

| CNSG-613 | Advanced Health Assessment | $2-3$ |
| :--- | :--- | ---: |
| CNSG-618 | Advanced Concepts in Pathophysiology | $2-3$ |
| CNSG-622 | Advanced Concepts in Pharmacology | $2-3$ |
| Second Year | Units | $6-9$ |
| Fourth Semester |  |  |
| NURS-501 | Theoretical Frameworks of Leadership | 2 |
| NURS-625 | Thesis Development II | 2 |
| NURS-651 | Advanced Education Practicum | 2 |
|  | Units | 6 |

Fifth Semester

| NURS-506 | Diversity, Social and Global Issues in Health <br> Promotion and Disease Prevention | 2 |
| :--- | :--- | ---: |
| NURS-510 | Spirituality/Care/Professional Nursing | 1 |
| NURS-512 |  <br> Education and Leadership/Management | 2 |
|  | Assessing, Planning, and Managing Budget <br> RURS-531 | 2 |
|  | Units | $\mathbf{7}$ |


| Sixth Semester |  | 2 |
| :--- | :--- | ---: |
| NURS-526 | Policies Affecting Health Delivery And <br> Fiscal Systems | 2 |
| NURS-653 | Leadership Practicum in Healthcare | 2 |


| NURS-642 | Thesis Development III, Final Written <br> Report and Defense | 2 |
| :--- | :--- | ---: |
|  | Units | $\mathbf{6}$ |
|  | Total Units | $\mathbf{3 8 - 4 1}$ |

## Nursing R.N to M.S.N.

## Overview

The RN to Master of Science in Nursing (MSN) Program is designed for registered nurses who do not have a bachelor's degree and are seeking to complete a master's degree. This program prepares graduates to assume a position as a Nurse Educator in healthcare settings, serve in advanced roles related to population health education, and teach in academic nursing programs.

Requirements
RN to MSN Nurse Educator Program Requirements

| Code | Title | Units |
| :---: | :---: | :---: |
| Undergraduate Level: |  |  |
| NURS-316 | Writing/Critical Analysis/Health-Related | 3 |
| NURS-320 | Ethical Iss/Leg Aspects/Nurs | 3 |
| NURS-405 | Nursing Research and Seminar | 3 |
| NURS-411 | Spirituality/Care/Professional Nursing | 1 |
| NURS-420 | Community Health Nurs/Clinical Studies | 5 |
| NURS-425 | Edctn Theory/Proc/Tchg in Nurs | 3 |
| Graduate Level: |  |  |
| CNSG-613 | Advanced Health Assessment | 2-3 |
| CNSG-618 | Advanced Concepts in Pathophysiology | 2-3 |
| CNSG-622 | Advanced Concepts in Pharmacology | 2-3 |
| NURS-506 | Diversity, Social and Global Issues in Health Promotion and Disease Prevention | 2 |
| NURS-518 | Nurse Educator and Leadership Roles: Theory and Practice | d 2 |
| NURS-526 | Policies Affecting Health Delivery And Fiscal Systems | 2 |
| NURS-580 | Introduction to Capstone Project | 2 |
| NURS-610 | Theoretical Frameworks of Education | 2 |
| NURS-612 | Education Practicum | 3 |
| NURS-617 | Use of Technology in Healthcare and Nursing Education | 2 |
| NURS-621 | Strategies of Simulation Learning and Instruction | 2 |
| NURS-630 | Curriculum and Program Development | 2 |
| NURS-635 | Class/Course Preparation/Plan/Comp Eval Competency Evaluation | 2 |
| NURS-685 | Implementation of Capstone Project | 2 |
| Total Units |  | 47-50 |

## Curriculum Plan RN to MSN Nurse Educator Program Sample Curriculum Plan

| Course | Title | Units |
| :--- | :--- | :---: |
| First Year |  |  |
| First Semester |  |  |
| 8-Week Session Courses | 3 |  |
| NURS-316 | Writing/Critical Analysis/Health-Related | 3 |
| NURS-320 | Ethical Iss/Leg Aspects/Nurs | 6 |

## Second Semester

8-Week Session Courses

| NURS-425 | Edctn Theory/Proc/Tchg in Nurs | 3 |
| :--- | :--- | :--- |
| NURS-405 | Nursing Research and Seminar | 3 |
|  | Units | $\mathbf{6}$ |

## Third Semester

8-Week Session Courses

| NURS-420 | Community Health Nurs/Clinical Studies | 5 |
| :--- | :--- | ---: |
| NURS-411 | Spirituality/Care/Professional Nursing | 1 |
|  | Units | 6 |
| Second Year |  |  |
| First Semester |  |  |
| 5-Week Session | Courses |  |
| NURS-518 | Nurse Educator and Leadership Roles: |  |
|  | Theory and Practice |  |
| NURS-610 | Theoretical Frameworks of Education | 2 |
| CNSG-613 | Advanced Health Assessment | $2-3$ |
|  | Units | $\mathbf{6 - 7}$ |


| Second Semester |  |  |
| :---: | :---: | :---: |
| 5-Week Session Courses |  |  |
| NURS-580 | Introduction to Capstone Project | 2 |
| NURS-617 | Use of Technology in Healthcare and Nursing Education | 2 |
| NURS-630 | Curriculum and Program Development | 2 |
|  | Units | 6 |
| Third Semester |  |  |
| 5-Week Session Courses |  |  |
| NURS-526 | Policies Affecting Health Delivery And Fiscal Systems | 2 |
| CNSG-618 | Advanced Concepts in Pathophysiology | 2-3 |
| NURS-506 | Diversity, Social and Global Issues in Health Promotion and Disease Prevention | 2 |
|  | Units | 6-7 |

## Third Year

First Semester
5-Week Session Courses
NURS-621 Strategies of Simulation Learning and 2

| NURS-635 | Class/Course Preparation/Plan/Comp Eval <br> Competency Evaluation | 2 |
| :--- | :--- | ---: |
| NURS-685 | Implementation of Capstone Project | 2 |
| Units |  |  |
| Second Semester | 6 |  |
| 5-Week Session Courses |  |  |
| NURS-612 | Education Practicum |  |
| CNSG-622 | Advanced Concepts in Pharmacology | $2-3$ |
|  | Units | $\mathbf{5 - 6}$ |
|  | Total Units | $\mathbf{4 7 - 5 0}$ |

## Post-Master's Clinical Nurse Specialist Certificate

## Requirements

The purpose of the Post-Master's Clinical Nurse Specialist (CNS) Certificate is to prepare the graduate for the professional role of an Adult-Gerontology CNS. The Program consists of 20-23 units that can be completed in five semesters.

## Clinical Nurse Specialist (CNS) Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| CNSG-613 | Advanced Health Assessment | $2-3$ |
| CNSG-618 | Advanced Concepts in Pathophysiology | $2-3$ |
| CNSG-622 | Advanced Concepts in Pharmacology | $2-3$ |
| CNSG-623 | Advanced Concepts in Pharmacology Practicum | $2-3$ |
| CNSG-624 | Preparation for the CNS Role as Leader, Educator, | 2 |
|  | and Clinician |  |
| CNSG-627 | Clinical Practicum I:expert Practice/Edu And <br>  <br> CNSG-637 | Cdinical Practicum III:Consultation And Clinical |
| Letal Units |  | 4 |

## Curriculum Plan

Clinical Nurse Specialist (CNS) Curriculum Schedule

| Course | Title | Units |
| :--- | :--- | ---: |
| First Year |  |  |
| First Semester |  | $2-3$ |
| CNSG-613 | Advanced Health Assessment | $2-3$ |
| CNSG-618 | Advanced Concepts in Pathophysiology | $4-6$ |
| Second Semester |  |  |
| Units | $2-3$ |  |
| CNSG-622 | Advanced Concepts in Pharmacology | 2 |
|  | Preparation for the CNS Role as Leader, |  |


| Third Semester |  |  |
| :---: | :---: | :---: |
| CNSG-627 | Clinical Practicum I:expert Practice/Edu And Education | 4 |
|  | Units | 4 |
| Second Year |  |  |
| Fourth Semester |  |  |
| CNSG-623 | Advanced Concepts in Pharmacology | 2-3 |
|  | Practicum |  |
|  | Units | 2-3 |
| Fifth Semester |  |  |
| CNSG-637 | Clinical Practicum III:Consultation And | 4 |
|  | Clinical Leadership |  |
|  | Units | 4 |
|  | Total Units | -22 |

## Post-Master's Psych/Mental Health Nurse Practitioner (PMHNP)

## Overview

## Admission Requirements

1. An unencumbered, active California RN license. A current copy of the license must be submitted in the admission packet. Status needs to appear in CA.gov Breeze (https://www.breeze.ca.gov/) system.
2. MSN or DNP degree from an accredited college or university. Applicants do not need to be an NP to apply.
3. Two years of experience as a RN in the last 5 years. Must have Advanced Pathophysiology, Advanced Pharmacology, and Advanced Health Assessment, 3 units each course. (These courses may be in process the first semester of the program, but must be completed prior to start of clinical courses).
4. One to two years of psychiatric nursing experience strongly recommended for non-NP applicants.
5. A minimum GPA of 3.0 on a 4.0 scale in all master's degree course work.
6. Completion of the Vanguard University application.
7. Official highest degree transcript from school of nursing attended.
8. Two professional letters of recommendation from nursing professionals who can evaluate your performance (e.g., managers, supervisors, and academic faculty/not coworkers). No personal letters of recommendation will be accepted.
9. A one-page written statement describing your professional goals as they relate to Advanced Practice Psychiatric Mental Health Nursing.
10. Current professional resume including: employment and educational experience, professional or academic honors, and volunteer activities.
11. Evidence of all required immunizations and report of a current physical exam (within one year of program application).
12. A copy of AHA basic life support certification (BLS).
13. An interview with the Director of Graduate Nursing, Graduate Faculty, or Program Director.
14. All documents must be submitted to the Graduate Admission Office prior to scheduling an admission interview.
15. Background check and immunization tracker system.*
*There may be additional clinical/health or other requirements/updates that need to be submitted prior to beginning practicum hours. All clinical/ health requirements are to be uploaded in an immunization tracker system (contracted by the university).

## Requirements

Psych/Mental Health Nurse Practitioner (PMHNP) Certificate Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| PNSG-610 | Theories of Human Behavior | 2 |
| PNSG-620 | Role of PMHMP in Psychological Assessment | 2 |
| PNSG-630 | Inteventions and Mental Health Promotion Across <br> the Lifespan | 5 |
| PNSG-640 | Psychiatric Mental Health Care of Adults And Older | 5 |
|  | Adults |  |
| PNSG-650 | Psychiatric Mental Health Care of Children and <br> Young Adults | 5 |
| PNSG-660 | Psychiatric Mental Health Care of Select <br> Populations | 5 |

Total Units

## Curriculum Plan Psych/Mental Health Practitioner Certificate Curriculum Plan

| Course | Title | Units |
| :---: | :---: | :---: |
| First Year |  |  |
| First Semester |  |  |
| PNSG-610 | Theories of Human Behavior | 2 |
| PNSG-620 | Role of PMHMP in Psychological Assessment | 2 |
|  | Units | 4 |
| Second Semester |  |  |
| PNSG-630 | Inteventions and Mental Health Promotion Across the Lifespan | 5 |
|  | Units | 5 |
| Third Semester |  |  |
| PNSG-640 | Psychiatric Mental Health Care of Adults | 5 |
|  | And Older Adults |  |
|  | Units | 5 |
| Second Year |  |  |
| First Semester |  |  |
| PNSG-650 | Psychiatric Mental Health Care of Children and Young Adults | 5 |
|  | Units | 5 |

## Second Semester

| PNSG-660 | Psychiatric Mental Health Care of Select <br> Populations | 5 |
| :--- | :--- | ---: |
| Units | $\mathbf{5}$ |  |
| Total Units | $\mathbf{2 4}$ |  |

## Graduate Programs in Biotechnology Overview Master of Science in Biotechnology

The Master of Science in Biotechnology has two formats: a two (2) year master's degree and an accelerated 4+1 undergraduate and graduate combined program. The 4+1 BS/MS program is a combined Biotechnology BS major/Biotechnology MS degree that students complete in 5 years.

The Biotechnology degree is geared for those seeking a career in the biotechnology industry. Students in the program take core classes in both biotech science-related and bio-entrepreneurship curricula. This program combines molecular biology rigor with soft skills to provide the essential background for interfacing research with successful workplace interactions in the biotech industry. Our mission is to provide motivated students with the knowledge and skills needed to successfully enter or advance their careers in the biotechnology industry.

## Application to the 4+1 Accelerated Program:

Students must meet the following criteria to be considered for the 4+1 accelerated PSM:

1. Students must apply after their sophomore year in the BS program (Most students apply in the spring semester of their sophomore year.)
2. Maintain a GPA of 3.2 or above in their BS work (both overall and in their major)
3. Submit an essay up to 500 words that describes their interest in the program and future career plans
4. Complete 90 credits by the end of their sixth semester or 60 credits by the end of the fourth semester in the BS
5. Submit an official copy of their transcripts
6. Submit one (1) letter of recommendation from a professor in their major
7. Please note: The GRE is waived for 4+1 applicants.

Applications may be obtained from the Biological Sciences Department.

## Advantages of the 4+1 Program:

- Once accepted into the PSM program, students can transfer up to 14 credits from their undergraduate courses to the MS degree, provided:
- They have more than the required 120 credits for their undergraduate degree
- Students obtain a grade of B or better in each course.
- Students can take up to two graduate-level (400 level or above) science courses during each of their final three semesters.
- Students are charged the undergraduate tuition rate for graduate courses taken during the final three semesters of their undergraduate program.


## Application to the Two-Year MS in Biotechnology Program:

Formal admission is required for the program. You can apply for admission in the fall or Spring semester.

## Admission Requirements:

- An appropriate curriculum of prerequisite courses leading to a 4-year BA/BS in Biochemistry, Biology, Chemistry, Molecular Biology or Bioengineering
- A preferred GPA of 3.0 or above. Work or other experience can compensate to some extent for a lower GPA.
- GRE General Test scores. The preferred General GRE scores are above 450 on Verbal Reasoning, above 650 on Quantitative Reasoning and 4.2 on Analytical Writing. New Exam: Combined minimum GRE score of 297 , minimum GRE verbal score of 153 and minimum writing score of 4.5 .
- A one-page "Statement of Purpose"
- A resume
- Two letters of recommendation
- Formal Interview


## Program Learning Outcomes

Program Learning Outcomes

- Review and evaluate concepts from multiple disciplines (biology, bioinformatics, business) within biotechnology.
- Interpret and execute best practices in biotech-related lab techniques as well as exhibit an ability to assess the novelty of research and prioritize protocols.
- Comprehend the need for ethics in science and technology-based business/research/industry.
- Critically review scientific papers and demonstrate science communication skills necessary to attain professional level employment in science and technology-based research/industry.
- Demonstrate effective teamwork, team leadership, business communication skills, and networking skills, including exposure to industry members in molecular biology and biotechnology-based business/research/industry.
- Develop networking contacts within the biotechnology industry.
- Increase their potential for employment and advanced studies.


## Programs

## Degree Programs:

- Biotechnology B.S./M.S. (4+1) (p. 251)
- Biotechnology M.S. (2Yr) (p. 253)


## Courses

BIOT-500 Career Prep/Biosci Industry Engagement 1 Credit
Preparation for PSM Program and Bioscience Industry Engagement. Career preparation for successful entry and development in biotechnology. Community and interactive discussion topics including the business of science, career opportunities, industry and workforce trends, and overview of the biotechnology industry. Intended to help students identify career values and goals and get them on track for being successful in finding a meaningful project for their capstone experience. Students will research potential internship sites and develop a plan for securing a project. In addition to writing a resume and cover letter, students will develop interviewing and networking skills, set goals and learning objectives, and learn skills that will ensure their success in their internships or research projects.

## BIOT-503 Advanced Research Methods in Biotech 3 Credits

Methodology and application in biotechnology. This course is primarily lab based and will prepare students for independent research project. The following topics will be covered: genetic engineering techniques for introducing a gene for a desired protein into a cell with vectors, techniques for growing bacteria and yeast to produce a desired protein, cell transformation by electroporation, blue/white screening for selection of a colony with successful transformation with the desired vector, identification of a plasmid with PCR and DNA sequencing, use of enzyme assays to measure protein concentration in solutions, fed-batch yeast fermentation, mammalian cell culture techniques, and analysis of protein expression by Western blot. Lab fee.

## BIOT-505 Bioinformatics 3 Credits

Introduction to bioinformatic resources/methods for biologists. Topics include: biological databases, sequence alignment, gene and protein structure prediction, molecular phylogenetics, genomics and proteomics. Students will gain practical experience with bioinformatics tools and develop basic skills in the collection and presentation of bioinformatics data.

## BIOT-505L Bioinformatics Laboratory 1 Credit

Introduction to bioinformatic resources/methods for biologists. Topics include: biological databases, sequence alignment, gene and protein structure prediction, molecular phylogenetics, genomics and proteomics. Students will gain practical experience with bioinformatics tools and develop basic skills in the collection and presentation of bioinformatics data. This lab course must be taken concurrently with lecture BIOT-505.

## BIOT-508 Legal and Social Ethics in Science 3 Credits

A seminar course that examines the ethical implications of decisions made in biotechnology as well as the responsibilities of life scientists in the biomedical development process, including industry, government, and healthcare authorities and in their communities. Course discussions include stewardship and environmental impacts of biomanufacturing as well as ethical use of laboratory animals. Students examine ethical issues related to biomedical product advancement and use, and specific areas of science are also explored from a Christian ethics viewpoint through lectures, student oral presentations, team debate, and final written projects.

BIOT-511 Regulations and Quality Management 2 Credits
A course designed for science professionals to develop and apply skills and knowledge for managing business operations. Real-world business cases are used to develop students' management capacity and capability. Areas of focus include the process view of organizations, performance measures, products and product attributes, production processes, process competencies, procurement and supply chain management and regulatory requirements. The laws and regulations enforced by the Food and Drug Administration and other regulatory agencies related to the biotechnology, pharmaceutical, and medical device industries are surveyed. Included is the U.S. legal regulatory system, Food, Drug, and Cosmetic Act and related laws, Freedom of Information Act, regulation affecting foods, drugs, biologics, veterinary products, diagnostics, and devices, FDA enforcement, product liability, and import/export requirements. Reviews the impact of quality systems and the functions, roles, and responsibilities on Quality Assurance and Quality Control.

## BIOT-513 Cell Culture Techniques 3 Credits

This course is primarily lab based and will focus on teaching the techniques necessary to maintain mammalian cells in culture and manipulating stem cells. Exercises will include hands-on training isolating, maintaining, characterizing, cryopreserving, and manipulating in vitro cells in addition to independent research experience. Additional skills will include Basic Aseptic Technique; Media Preparation; Cell counting; Survival assays, Live Cell Identification and Transfection. These skills are crucial for individuals seeking career opportunities in the biotechnology field.

BIOT-515 Experimental Design, Stat Analysis/Progm 3 Credits Introduces advanced statistical concepts and analytical methods for the experimental needs and data encountered in biotechnology and biomedical sciences. Experimental design/conduct, quantitative analysis of data, and statistical inferences and interpretations are studied for scientific hypothesis testing, as well as clinical trials. Explores methodological approaches to bioassay development/testing and provides a foundation for critically evaluating information to support research findings, product claims, and technology opportunities. Students apply statistical analysis software and write algorithms in programming languages commonly used in biotechnology and professional science industries (ie. Python).

## BIOT-550 Internship Program 1-4 Credits

This course may be taken for a maximum of four (4) units in one term. A maximum of eight (8) combined credit units apply to graduation. This course is designed with the purpose of providing students the opportunity to conduct research off-campus at STEM companies in the community. This course promotes early entry into the workplace for the student through part-time employment. This course requires actual work experience be sought in a biotech or STEM-focused business firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned instructor. Students are responsible for completing a project report and presenting their research results in BIOT-699.

BIOT-600 Bioinnovation/Entrepreneurship/Biotech 2 Credits A seminar course that develops skills in managing bioentrepreneurship projects in the bioscience and biomedical device fields. Students learn how to be responsive team members as well as communicative team leaders. This course also investigates issues and decisions that inventor / scientists, investors, founders, business people, lawyers, and others might typically encounter when they are considering the application and commercialization of early stage scientific discoveries. And how to sustain innovation in organizations and team dynamics.
BIOT-603 Bus Analytics and Proffessional Comm 3 Credits
A course that focuses on oral and written communication for both scientific and nonscientific audiences for a variety of sources in biotechnology, including journals, investor relations, and regulatory documentation. Topics include uses and management of information; decision tools and concepts; quality control.

## BIOT-685 Independent Advanced Research 4-6 Credits

Students conduct supervised, independent research in Biotechnology. The student and faculty supervisor together develop a course outline, with a proposal for original research and the method of evaluation, including a formal research paper. Outline must be approved by the department before the student is permitted to register. Students will present their work in oral and written format. A maximum of eight (8) combined units apply to graduation.

## BIOT-699 Graduate Seminar 1 Credit

Seminar series with invited biology speakers including many prominent scientists and leaders working at biotechnology companies. Students will be expected to present their research at these Seminars. Graduate students are to take this course every Spring. This course is repeatable to a maximum of 3 units.
Prerequisite: BIOT-550 or BIOT-685

## Biotechnology B.S./M.S. (4 +1) Requirements Course Requirements: <br> Bachelor of Science in Biotechnology (123 units, 4 years)

| Code | Title | Units |
| :---: | :---: | :---: |
| Core Curriculum Requirements (https://catalog.vanguard.edu/ college/core-curriculum/) |  | 43 |
| Biotechnology Major Requirements |  | 80 |
| Total Unit |  | 123 |
| Biotechnology Major requirements: |  |  |
| Code | Title | Units |
| Lower Division: |  |  |
| $\begin{aligned} & \text { BIOL-111 } \\ & \& 111 \mathrm{~L} \end{aligned}$ | Principles of Cell and Molecular Biology and Principles of Biology Lab | 4 |
| $\begin{aligned} & \text { BIOL-112 } \\ & \& 112 \mathrm{~L} \end{aligned}$ | Principles of Organismal Biology and Principles of Organismal Biology Lab | 4 |
| $\begin{aligned} & \text { BIOL-220 } \\ & \& 220 \mathrm{~L} \end{aligned}$ | Cell Biology and Cell Biology Lab | 4 |
| $\begin{aligned} & \text { BIOT-200 } \\ & \& 200 \mathrm{~L} \end{aligned}$ | Introduction to Biotechnology and Introduction to Biotechnology Laboratory | 4 |


| $\begin{aligned} & \text { CHEM- } 120 \\ & \& 120 \mathrm{~L} \end{aligned}$ | General Chemistry I and General Chemistry I Lab | 4 |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { CHEM-121 } \\ & \& 121 \mathrm{~L} \end{aligned}$ | General Chemistry II and General Chemistry II Lab | 4 |
| $\begin{aligned} & \text { DSCI-100C } \\ & \text { \& 100CL } \end{aligned}$ | Introduction to Data Science and Introduction to Data Science Laboratory | 4 |
| MATH-180C | Calculus 1 | 4 |
| MATH-265C or MATH-270C | Intro to Statistical Methods <br> Health Professions Statistical Methods | 3 |
| $\begin{aligned} & \text { PSCI-130C } \\ & \& 130 \mathrm{CL} \end{aligned}$ | General Physics I and General Physics I Lab | 4 |
| $\begin{aligned} & \text { PSCI-131 } \\ & \& 131 \mathrm{~L} \end{aligned}$ | General Physics II and General Physics II Lab | 4 |
| Upper Division: |  |  |
| $\begin{aligned} & \text { BIOL-309 } \\ & \& 309 \mathrm{~L} \end{aligned}$ | Microbiology and Microbiology Laboratory | 4 |
| $\begin{aligned} & \text { BIOL-440 } \\ & \& 440 \mathrm{~L} \end{aligned}$ | Molecular Biology and Techniques in Molecular Biology | 4 |
| $\begin{aligned} & \text { BIOL-450 } \\ & \text { or BIOL-485 } \end{aligned}$ | UG Research or Internship Program Undergrad Biological Research | 2 |
| BIOL-499C | Capstone Seminar in Biology | 2 |
| BIOT-403 | Adv. Research Methods in Biotechnology | 3 |
| $\begin{aligned} & \text { BIOT-405 } \\ & \& 405 \mathrm{~L} \end{aligned}$ | Bioinformatics and Bioinformatics Laboratory | 4 |
| BIOT-413 | Cell Culture Techniques | 3 |
| $\begin{aligned} & \text { CHEM-304 } \\ & \& 304 \mathrm{~L} \end{aligned}$ | Organic Chemistry I and Organic Chemistry Techniques I | 4 |
| $\begin{aligned} & \text { CHEM-305 } \\ & \& 305 \mathrm{~L} \end{aligned}$ | Organic Chemistry II and Organic Chemistry Technqs II | 4 |
| MNGT-325 | Management Theory/Practice | 3 |
| $\begin{aligned} & \text { CHEM-430 } \\ & \& 430 \mathrm{~L} \end{aligned}$ | Biochemistry and Experimental Tech/Biochemistry | 4 |
| Total Units |  | 80 |

## Master of Science in Biotechnology (23 units, 1 year) <br> Code Title Units

| Advanced Project semesters): | Options (6 units, may be split between two | 6 |
| :---: | :---: | :---: |
| BIOT-550 | Internship Program |  |
| or BIOT-685 | Independent Advanced Research |  |
| BIOT-508 | Legal and Social Ethics in Science | 3 |
| BIOT-511 | Regulations and Quality Management | 2 |
| BIOT-515 | Experimental Design, Stat Analysis/Progm | 3 |
| BIOT-600 | Bioinnovation/Entrepreneurship/Biotech | 2 |
| BIOT-603 | Bus Analytics and Proffessional Comm | 3 |
| BIOT-699 | Graduate Seminar | 1 |
| PSOG-505 | Intro to Psychology and Behavior in Org In Organizations | 3 |

## Total Units

## Curriculum Plan

Disclaimer: This sample Multi-Year Plan is provided as a guide for the recommended sequencing of courses. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Graduate Program for Biotechnology.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| BIOL-111 | Principles of Cell and Molecular Biology | 3 |
| BIOL-111L | Principles of Biology Lab | 1 |
| CHEM-120 | General Chemistry I | 3 |
| CHEM-120L | General Chemistry I Lab | 1 |
| NT-101C | New Testament Survey | 3 |
| ENGL-120C | Persuasive Writing | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 1 Term 2 |  | 3 |
| :--- | :--- | ---: |
| BIOL-112 | Principles of Organismal Biology | 1 |
| BIOL-112L | Principles of Organismal Biology Lab | 3 |
| CHEM-121 | General Chemistry II | 1 |
| CHEM-121L | General Chemistry II Lab | 3 |
| DSCI-100C | Introduction to Data Science | 1 |
| DSCI-100CL | Introduction to Data Science Laboratory | $\mathbf{1}$ |
| PSYC-103C | Introduction to Psychology | $\mathbf{1 5}$ |
|  | Units |  |


| Year 2 Term 1 |  |  |
| :--- | :--- | ---: |
| BIOL-220 | Cell Biology | 3 |
| BIOL-220L | Cell Biology Lab | 1 |
| CHEM-304 | Organic Chemistry I | 3 |
| CHEM-304L | Organic Chemistry Techniques I | $\mathbf{1}$ |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| THEO-101C | Foundations of Christian Life | 3 |
| ENGL-220C | Researched Writing | $\mathbf{3}$ |
|  | Units | $\mathbf{1 7}$ |

Year 2 Term 2

| BIOT-200 | Introduction to Biotechnology | 3 |
| :--- | :--- | ---: |
| BIOT-200L | Introduction to Biotechnology Laboratory | 1 |
| CHEM-305 | Organic Chemistry II | 3 |
| CHEM-305L | Organic Chemistry Technqs II | 1 |
| MATH-PLSTAT | Math Sci Stat Or Into to Stat | 3 |
| OT-201C | Old Testament Survey | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
|  | Units | $\mathbf{1 7}$ |
| Year 3 Term 1 |  | 4 |
| MATH-180C | Calculus 1 | $\mathbf{4}$ |
| PSCI-130C | General Physics I | $\mathbf{3}$ |
| PSCI-130CL | General Physics I Lab | 3 |
| BIOL-309 | Microbiology |  |


| BIOL-309L | Microbiology Laboratory | 1 |
| :--- | :--- | ---: |
| COMM-201C | Speech Composition and Presentation | 3 |
|  | Units | 15 |
| Year 3 Term 2 |  |  |
| PSCI-131 | General Physics II | 3 |
| PSCI-131L | General Physics II Lab | 1 |
| MNGT-325 | Management Theory/Practice | 3 |
| BIOT-413 | Cell Culture Techniques | 3 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| BIOL-PLUGR | Undergraduate Research or Internship | 2 |
|  | Units | 15 |
| Year 4 Term 1 |  |  |
| BIOL-440 | Molecular Biology | 3 |
| BIOL-440L | Techniques in Molecular Biology | 1 |
| CHEM-430 | Biochemistry | 3 |
| CHEM-430L | Experimental Tech/Biochemistry | 1 |
| THEO-300C | Developing a Christian World View | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | 17 |

## Year 4 Term 2

| BIOT-403 | Adv. Research Methods in Biotechnology | 3 |
| :--- | :--- | ---: |
| BIOT-405 | Bioinformatics | 3 |
| BIOT-405L | Bioinformatics Laboratory | 1 |
| BIOL-499C | Capstone Seminar in Biology | 2 |
| CHIS-400C | Christian Heritage | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 4 Term 3 |  |  |
| :--- | :--- | :--- |
| BIOT-PLHDRS | Biotechnology Advanced Project Option | 6 |
|  | Units | $\mathbf{6}$ |


| Year 5 Term 1 |  | 3 |
| :--- | :--- | :--- |
| PSOG-505 | Intro to Psychology and Behavior in Org In <br> Organizations | 3 |
| BIOT-515 | Experimental Design, Stat Analysis/Progm | 3 |
| BIOT-508 | Legal and Social Ethics in Science | 3 |
|  | Units | $\mathbf{9}$ |


| Year 5 Term 2 |  |  |
| :--- | :--- | ---: |
| BIOT-603 | Bus Analytics and Proffessional Comm | 3 |
| BIOT-511 | Regulations and Quality Management | 2 |
| BIOT-600 | Bioinnovation/Entrepreneurship/Biotech | $\mathbf{2}$ |
| BIOT-699 | Graduate Seminar | $\mathbf{1}$ |
|  | Units | $\mathbf{8}$ |
|  | Total Units | $\mathbf{1 4 9}$ |

## Biotechnology M.S. (2Yr) Requirements Biotechnology Master of Science (2 year) Requirements:

| Code | Title | Units |
| :--- | :--- | ---: |
| BIOL-540 | Techniques in Molecular Biology | 3 |
| BIOL-540L | Techniques in Molecular Biology | 1 |
| BIOT-503 | Advanced Research Methods in Biotech | 3 |
| BIOT-505 | Bioinformatics | 3 |
| BIOT-505L | Bioinformatics Laboratory | 1 |
| BIOT-508 | Legal and Social Ethics in Science | 3 |
| BIOT-511 Regulations and Quality Management <br> BIOT-513 Cell Culture Techniques <br> BIOT-515 Experimental Design, Stat Analysis/Progm <br> BIOT-600 Bioinnovation/Entrepreneurship/Biotech |  |  |
| BIOT-603 Bus Analytics and Proffessional Comm <br> BIOT-699 Graduate Seminar | 2 |  |
| PSOG-505 | Intro to Psychology and Behavior in Org In | 3 |
| Advanced Project | 3 |  |
| Options (8 units, may be spread over multiple | 1 |  |
| BIOT-550 | Internship Program | 8 |
| BIOT-685 | Independent Advanced Research | 3 |
| Total Units |  | 39 |

## Curriculum Plan

Course Title Units

| Year 1 Term 1 |  |  |
| :--- | :--- | :--- |
| PSOG-505 | Intro to Psychology and Behavior in Org In <br> Organizations | 3 |
| BIOT-515 | Experimental Design, Stat Analysis/Progm | 3 |
| BIOT-508 | Legal and Social Ethics in Science | 3 |
| Year 1 Term 2 | Units | $\mathbf{9}$ |
| BIOT-503 | Advanced Research Methods in Biotech |  |
| BIOT-511 | Regulations and Quality Management | 3 |
| BIOT-513 | Cell Culture Techniques | 2 |
|  | Units | $\mathbf{3}$ |
| Year 1 Term 3 | Biotechnology Advanced Project Option | $\mathbf{8}$ |
| BIOT-PLHDRS | Units | $\mathbf{6}$ |
|  |  | $\mathbf{6}$ |
| Year 2 Term 1 | Techniques in Molecular Biology | $\mathbf{3}$ |
| BIOL-540 | Techniques in Molecular Biology | $\mathbf{1}$ |
| BIOL-540L | Bioinnovation/Entrepreneurship/Biotech | $\mathbf{2}$ |
| BIOT-600 | Biotechnology Adv. Project Option (2 Un) | $\mathbf{2}$ |
| BIOT-PLHDRS2 | Units | $\mathbf{8}$ |


| Year 2 Term 2 |  |  |
| :--- | :--- | ---: |
| BIOT-505 | Bioinformatics | 3 |
| BIOT-603 | Bus Analytics and Proffessional Comm | 3 |
| BIOT-699 | Graduate Seminar | 1 |
|  | Units | $\mathbf{7}$ |
|  | Total Units | $\mathbf{3 8}$ |

VANGUARD UNIVERSITY

## DIVISION OF SOCIAL AND BEHAVIORAL SCIENCES

Stephanie D'Auria, Ph.D.
Associate Dean, Division of Social and Behavioral Sciences

## The College

- Department of History and Political Science (p. 256)
- Department of Psychology (p. 264)
- Department of Sociology (p. 270)


## School for Professional Studies

- Department of Psychology (p. 279)


## Graduate Programs

- Graduate Program in Clinical Psychology (p. 283)
- Graduate Program in Organizational Psychology (p. 292)


## The College

Michael D. Wilson, Ph.D., Associate Provost and Dean of the College
The College offers undergraduate programs to traditional (residential and commuter) undergraduate students in classroom-based, on-line, and blended formats during a two-semester academic year and in Summer sessions. The College is committed to providing students with a broad education in the liberal arts-an objective requiring study in a variety of academic disciplines-and expertise in an academic major in the arts, communication, the humanities mathematics, the sciences, or the social sciences. This education supports Vanguard University's mission to pursue knowledge, cultivate character, deepen faith, and equip each student for a Spirit-empowered life of Christ-centered leadership and service. Emphasis is placed on the application of an academic discipline to an integrated Christian faith and life as it is lived in vocation, service, and graduate studies.

Academic majors housed in The College are listed below within their respective divisions. Academic majors typically have several options for minors, concentrations, and emphases. A petition for an academic minor, concentration, or emphasis must be filed with the Registrar's Office.

## Division of Arts, Education and Humanities

- English B.A with Integrated Teacher Education Program (ITEP) (p. 78)
- English B.A. (p. 79)
- Liberal Studies B.A. (p. 87)
- Liberal Studies B.A. Integrated Teacher Education Program (ITEP) (p. 89)
- Music B.A. (p. 99)
- Music B.A. with a Concentration in Worship Leadership (p. 100)
- Music B.M. (Pre-Teacher Certificate) (p. 102)
- Theatre Arts B.A. with a Concentration in Musical Theatre (p. 111)
- Theatre Arts B.A. with a Concentration in Stage and Screen Acting/ Directing (p. 114)
- Theatre Arts B.A. with a Concentration in Technical/Design (p. 116)


## Division of Business and Communication

- Accounting B.A. (p. 148)
- Business Administration B.A. (p. 150)
- Communication B.A. with a Concentration in Communication Studies (p. 160)
- Communication B.A. with a Concentration in Film and Visual Storytelling (p. 161)
- Communication B.A. with a Concentration in Health Communication (p. 163)
- Communication B.A. with a Concentration in Public Relations (p. 164)
- Communication B.A. with a Concentration in Technology and Emerging Media (p. 166)
- Marketing B.A. (p. 152)


## Division of Natural, Physical and Health Sciences

- Actuarial Science B.S. (p. 223)
- Biochemistry B.S. (p. 198)
- Biology B.S. (p. 184)
- Biology B.S. with a Concentration in Biomedical (p. 186)
- Biology B.S. with a Concentration in Biotechnology (teach-out) (p. 187)
- Biology B.S. with a Concentration in Neurobiology (p. 188)
- Biology B.S. with an Education Minor (VISTA) (p. 190)
- Biotechnology B.S. (https://catalog.vanguard.edu/stem/ undergraduate/biological-sciences/biotechnology/)
- Chemistry B.S. (p. 200)
- Chemistry B.S. with an Education Minor (VISTA) (p. 201)
- Computer Science B.S. (p. 224)
- Data Science B.S. (p. 226)
- Engineering Physics B.S. (p. 227)
- Environmental Sciences B.S. (p. 203)
- Kinesiology B.S. with a Concentration in Health and Human Performance (p. 210)
- Kinesiology B.S. with a Concentration in Pre-Health Professions (p. 211)
- Mathematics B.S. (p. 228)
- Mathematics B.S. with an Education Minor (VISTA) (p. 230)
- Nursing B.S.N. (Pre-Licensure) (p. 235)


## Division of Social and Behavioral Sciences

- History and Political Science B.A. (p. 262)
- History and Political Science ITEP B.A. (p. 260)
- Psychology B.A. (p. 268)
- Sociology B.A. (p. 277)


## Division of Theology

- Theology B.A. with a Concentration in Biblical Studies (p. 316)
- Theology B.A. with a Concentration in Christian Formation and Discipleship Studies (p. 317)
- Theology B.A. with a Concentration in General Christian Studies (p. 318)
- Theology B.A. with a Concentration in Intercultural Studies (p. 320)
- Theology B.A. with a Concentration in Pastoral Leadership Studies (p. 321)
- Theology B.A. with a Concentration in Youth Leadership (p. 323)


## Department of History and Political Science

Mission: The Department of History and Political Science engages students with these two disciplines in the context of a Christian worldview. Students will become familiar with the cultural, political, economic, social, and religious development of world civilizations. This familiarity will enhance their ability to understand and evaluate the historical origins of contemporary society and culture as well as the political processes of human social institutions. Serious engagement with a body of literature and schools of thought will deepen students' appreciation for the past, serve as a gateway to the present, and provide the intellectual tools for further study.

## Program Learning Outcomes

Program Learning Outcomes for the Department of History and Political Science are:

1. Students will assess the history of the United States and identify their roles as active citizens in our country's political institutions.
2. Students will apply the qualitative and/or quantitative research methods, effectively using primary and secondary sources, interviews, libraries, and databases (as appropriate).
3. Students will demonstrate their communication skills by organizing and explaining their thoughts clearly and coherently both orally and in writing.
4. Students will develop critical historical and political analysis, including incorporating diverse voices into existing frameworks of historical and political theory.
5. Students will integrate coursework with their Christian faith by applying a biblical lens to historical and political analysis.

## Programs

Major:

- History and Political Science B.A. (p. 262)
- History and Political Science ITEP B.A. (p. 260)


## Minor:

- History and Political Science Minor (p. 263)


## Interdisciplinary Minor:

These minors are intended to be an interdisciplinary course of study administered by the Department of History and Political Science in collaboration with other academic units. The minor is designed to provide students a theoretical and practical overview of the topic in society from the perspective of various disciplines.

- Pre-Law Studies Minor (p. 263)
- Public Policy Minor (p. 264)


## Courses

NOTE: Some of the courses listed below may be applicable to general education requirements within the Professional Studies/Non-Traditional Education program (e.g. POLS-155 U.S. Government). Questions, contact the Department of History and Political Science or the Registrar's Office.

## History

## HIST-156C U.S. History 3 Credits

A study of the United States from colonial times to the present, seeking to help the student develop an understanding of the growth of the institutions and culture of the nation, and gain insight into the similarities and differences of people of different times, classes, and ethnicity. Strongly recommended as a prerequisite for upper division U.S. History courses.
Terms Typically Offered: Fall and Spring
HIST-203C World Civilizations I 3 Credits
Emphasizes the development of the basic ideas, institutions, individuals, and the outstanding cultural, economic, political, and social movements that have shaped humanity from ancient times. The course divides in 1648. Students may take either course to fulfill the core curriculum requirement. Strongly recommended as a prerequisite for upper division non-U.S. History courses. May be taken as an honors course.
Terms Typically Offered: Fall and Spring.

## HIST-204C World Civilization II 3 Credits

Emphasizes the development of the basic ideas, institutions, individuals, and the outstanding cultural, economic, political, and social movements that have shaped humanity from ancient times. The course divides in 1648. Students may take either course to fulfill the core curriculum requirement. Strongly recommended as a prerequisite for upper division non-U.S. History courses. May be taken as an honors course.
Terms Typically Offered: Fall and Spring.
HIST-262 Research Methods in Hist/Poli Science 3 Credits
This course is cross-listed with POLS-262. Writing intensive class which will teach students proper research techniques and the different aspects of History and Political Science scholarship. Class will focus on how to write a major research paper. Strongly recommended before taking upper-division History and Political Science courses. Satisfies ENGL-220C requirement. Students are expected to take HIST-262 or POLS-262, but if ENGL-220C was taken before a History \& Political Science major was declared, it will be an acceptable substitution. Must be passed with a "C" (not a "C-") or better to fulfill the core curriculum requirement. Prerequisite: ENGL-120C
Terms Typically Offered: Fall.

## HIST-275 Topics in American History 3 Credits

A study of five periods in American history emphasizing the development of a distinctive American culture. This course meets the Social Science requirement for the Professional Studies Program. (School for Professional Studies Course).

## HIST-302 Twentieth-Century Europe 3 Credits

The history of Europe in the twentieth century and beyond, including political, military, economic, religious, social, and intellectual aspects. Terms Typically Offered: On Demand.

HIST-306 Chicano History 3 Credits
Introductory survey of Mexican American History in the U.S from the Pre-Columbian period to the present. The course will focus on MexicanAmerican contributions to the socio-political and cultural development of American life.
Prerequisite: TAKE HIST-262 POLS-262

## HIST-316 Teaching History/Multicultural Setting 3 Credits

This course is cross listed with EDUC-315. Students seeking to complete the subject matter program in Social Science must take this class as part of that program to ensure that they are integrating historical content with their pedagogical experience. This course provides the philosophical background and classroom experience necessary to introduce a person to the teaching profession in a public or private school in a multicultural environment. The purpose of the class is to assist the student to gain an understanding of the resources and challenges facing a teacher serving a linguistically and culturally diverse student population. Discussion will focus on the major professional organizations and educational research related to the philosophical, historical, and demographic developments of American education. Students will complete a 30hour field work component to observe classroom management and organization, Specially Designed Academic Instruction Delivered in English (SDAIE) instructional practices, and the curricula of grades K-12. The role and function of Christian beliefs and values in the public school will be integrated throughout the course. This course is a prerequisite requirement for the Single Subject Credential program. Lab fee. Terms Typically Offered: Fall and Spring.

## HIST-317 Modern China 3 Credits

A study of the political and social history of China from the midnineteenth century, when European aggression forced China on a path to modernization, to the present.
Terms Typically Offered: On Demand.

## HIST-319 Imperial China 3 Credits

A study of the political and social history of China from earliest times until the mid-nineteenth century.
Terms Typically Offered: On Demand.

## HIST-322 History of England 3 Credits

A study of English history from the advent of the Tudors until the present, emphasizing the development of ideas and significant political, social, and economic institutions.
Terms Typically Offered: On Demand.

## HIST-323 The British Empire 3 Credits

The history of the British Empire, from its beginnings in the sixteenth century to decolonization in the twentieth century, with a particular emphasis on cultural exchanges, imperialism, and how the empire shaped our modern world.
Terms Typically Offered: On Demand.

HIST-334 History of Mexico 3 Credits
This course is a survey of Mexican history beginning with the preColumbian period to the present. There is an emphasis on Mexican culture and political development and its relationship to the United States and the Latin American world.
Prerequisite: Take HIST-262 or POLS-262 or ENGL-220C;
Terms Typically Offered: On Demand.

## HIST-339 Area Studies: 3 Credits

Area Studies is an intensive examination of specific regions of the world. Each course gives a brief survey of the region with attention to cultural history, ethnicity, family structure, political organization, technology, social structure, ethnopsychology, economics and ideologies present within the region. Issues of cultural difference and commonality, regional minority sub-cultural groups, and the role that this region plays within "global" culture are also addressed. (This course may be repeated for credit.) Areas of study in the rotation may include: Latin America, Pacific Rim, Japan, Middle East, Oceania, East Asia, South East Asia, China, Korea, Northern Africa, Sub-Sahara Africa, Eastern Europe, Western Europe, North America, and North America Diaspora.
Terms Typically Offered: On Demand.

## HIST-345 The Birth of Modern Europe 3 Credits

Traces the development of ideas and events in Europe that shattered the old order and created modernity from 1648-1900. Major topics include the Scientific Revolution and Enlightenment, liberal political revolutions, the industrial revolution,nationalism, and imperialism.
Terms Typically Offered: On Demand.

## HIST-346 Ancient Greece and Rome 3 Credits

Neolithic background of Greece; Minoan and Mycenaean civilizations; the rise of city states, and classical Greek civilization to the Macedonian conquest of Alexander the Great. The life of post-Alexander Greek states and their collapse in the face of Roman growth. Roman civilization from republic to empire concluding with the collapse of their rule in 476 A.D. Latin culture, politics, and the growth of Christianity will be studied. Terms Typically Offered: On Demand.

## HIST-350 U.S. Military History 3 Credits

Traces the course of American military developments from the Revolution to the present, focusing on wars and with a special emphasis on Christian perspectives.
Terms Typically Offered: On Demand.

## HIST-356 History and Geography of California 3 Credits

A study of California from pre-Spanish times to the present, with emphasis on political, economic, and social developments and on its physical, political, and human geography.
Terms Typically Offered: Fall.

## HIST-358 The Revolutionary Atlantic 3 Credits

The English Civil War and Glorious Revolution, the American Revolution, the French Revolution, the Haitian Revolution, and Latin American Revolutions in comparative context.
Terms Typically Offered: On Demand.

## HIST-360 Women in American History 3 Credits

A survey of the role of women in the development of the nation, including the lives of average women and a look at some of the pioneers who reshaped attitudes about women's proper sphere.
Terms Typically Offered: On Demand.

## HIST-363 America From Colony to Nation 3 Credits

The history of the thirteen English colonies in America from their beginnings through the American revolution and ending with the conclusion of the War of 1812. This seminar class will focus on specific topics such as the growth of slavery, religion, politics, and Revolutionary War, and the constitutional debates.
Terms Typically Offered: On Demand.

## HIST-366 The History of Human Rights 3 Credits

The history of the philosophy, laws, and religious precepts relating to the question of how human beings ought to be treated, from the ancient world to the present. The class culminates in a human rights advocacy project.
Terms Typically Offered: On Demand.

## HIST-373 U.S. 1945-1963: Good Old Days 3 Credits

Explores political, social, economic, and cultural developments in the days of the high Cold War.
Terms Typically Offered: On Demand.
HIST-374 U.S. Since 1963: Contemp America History History 3 Credits
Traces the loss of consensus through the sixties, Vietnam, Watergate, the end of the Cold War, and beyond.
Terms Typically Offered: On Demand.

## HIST-425 Topics/Amer Relg Hist: 3 Credits

The class will focus on one topic particular to American religious history and study it in detail. The topics could include: women in American religious history, new religions and cults, evangelical Christian culture in America, specific religious groups such as the Puritans or evangelicals. Terms Typically Offered: On Demand.

## HIST-428 The History of Childhood 3 Credits

An advanced research seminar in which students combine age as a category of historical analysis. Students produce article-length papers of original research on a topic of their choice related to the experiences of children or ideas regarding childhood in history.
Prerequisite: ENGL-220C, HIST-262 or POLS-262
Terms Typically Offered: On Demand.

## HIST-450 History Teaching Internship 1-3 Credits

Regular hours each week for classes and/or meetings are established at the beginning of the semester. The intern assists an instructor in planning and conducting a course and/or laboratory session. Maximum of three units. (Maximum six units for HIST-450, POLS-450, HIST-454, POLS-454,HIST-457 and POLS-457.)
Terms Typically Offered: Fall and Spring.
HIST-451 Renaissance and Reformation 3 Credits
The transition from medieval to modern civilization, emphasizing those forces and persons that brought about change in Europe's intellectual and religious outlook.
Terms Typically Offered: On Demand.
HIST-454 History and Political Science Internship 1-3 Credits
Internship with Vanguard University, local museum, archives, government office, or political campaign. Maximum of three units. (Maximum six units for HIST-450, POLS-450, HIST-454, POLS-454, HIST-457, and POLS-457.) Terms Typically Offered: Fall and Spring.

HIST-457 Research Assistantship 1-3 Credits
Advanced work in research in History in an on-going project with the cooperation and supervision of a faculty member. Students will meet with instructor weekly to discuss findings and progress. Maximum three units. (Maximum six units for HIST-450, POLS-450, HIST-454, POLS-454, HIST-457, and POLS-457.)
Terms Typically Offered: On Demand.
HIST-469 Special Topic: U.S.: 1-3 Credits
Experimental or occasional courses not offered on a regular basis. May be repeated for credit.
Terms Typically Offered: On Demand.

## HIST-470 Special Topic: Non-U.S. 1-3 Credits

Experimental or occasional courses not offered on a regular basis. May be repeated for credit.
Terms Typically Offered: On Demand.

## HIST-480 Individual Studies: 1-4 Credits

May be repeated for credit. Consent of the instructor and department chair required.
Terms Typically Offered: On Demand.

## HIST-490C Senior Seminar 3 Credits

This course is the required capstone course for History and Political Science majors. Students will conduct an original research project and present their research in oral and written form. This course will also help students prepare for their professional life after graduation. The class includes a focus on integration of faith and learning within the discipline. This is a personalized class, and while every student will complete the course requirements, the specific research projects will differ with each student.
Terms Typically Offered: Spring.

## Political Science

## POLS-155 U.S. Government 3 Credits

Designed to acquaint the student with the United States political system, including constitutional developments of the United States and of California, and stimulate reflection on the intersection of Christianity and citizenship. This course will meet the Social Science requirement in the Professional Studies Program.

## POLS-155C American Democracy 3 Credits

Designed to acquaint the student with the United States political system, including constitutional developments of the United States and of California, and stimulate reflection on the intersection of Christianity and citizenship. Strongly recommended as a prerequisite for upper-division U.S. Government classes. (formerly titled U.S. Government; see 2019 Academic Catalog)
Terms Typically Offered: Fall and Spring.

## POLS-240 Economics 3 Credits

The course begins with an examination of influential economic philosophies and the debates they have sparked. How do societies encourage economic growth, allocate resources, protect and help the poor, and balance competing economic claims? How do domestic policy choices affect other countries? By studying basic economic principles and case studies that highlight economic challenges around the world, students will learn to see the complexity of economic and political choices.
Terms Typically Offered: On Demand.

POLS-262 Research Methods in Hist/Poli Science 3 Credits
This course is cross-listed with HIST-262. Writing intensive class which will teach students proper research techniques and the different aspects of History and Political Science scholarship. Class will focus on how to write a major research paper. Strongly recommended before taking upper-division History and Political Science courses. Satisfies ENGL-220C requirement. Students are expected to take HIST-262 or POLS-262, but if ENGL-220C was taken before a History \& Political Science major was declared, it will be an acceptable substitution. Must be passed with a "C" (not a "C-") or better to fulfill the core curriculum requirement. Prerequisite: ENGL-120C
Terms Typically Offered: Fall.

## POLS-303 Classical Political Thought 3 Credits

This course is devoted to classical questions on the relationship between "the city and man," expressed in the ancient texts of Plato, Aristotle, and Augustine. Students will explore the themes of the good life and the best regime, the relationship between justice and corruption, and the role of politics in the pursuit of human happiness. (This course is currently in teach out. See POLS-324.)

## POLS-304 Political Psychology 3 Credits

This course is cross-listed with PSYC-304. This course evaluates theories from the field of Psychology to help us understand how people think and feel about politics. Students will investigate how social, cognitive, emotive, and physiological factors interact to influence political preferences and opinions.
Terms Typically Offered: On Demand.

## POLS-313 American Political Thought 3 Credits

This class is a study of political philosophy from the time of the American founding to the 1960s. Students examine the works of Thomas Jefferson, James Madison, and Abraham Lincoln, as well as the defenders of laissez-faire capitalism, American socialism and nationalism, and the supporters and critics of American democracy in the twentieth century. (This course is currently in teach out. See POLS-324.)

## POLS-323 Christian Political Thought 3 Credits

This class is a study of the complex relationship between church and state, the Kingdom of Heaven as it relates to earthly kingdoms, and what civil law means in light of grace, as understood by major Christian philosophers in church history. Students examine scripture, as well as the writings of Augustine, Thomas Aquinas, Martin Luther, John Calvin, the American Puritans, and contemporary thinkers. (This course is currently in teach out. See POLS-324.)

## POLS-324 Comparative Political Thought 3 Credits

A historical review of Classical, American, Christian, and Modern political thought from Plato to present.
Terms Typically Offered: On Demand.

## POLS-330 Race, Identity \& Politics 3 Credits

Examines the impact of race, ethnicity, and identity in American politics and policy; surveys political attitudes, behavior, and experiences of Americans of African, Asian and Latinx descent.
Terms Typically Offered: On Demand.

POLS-331 Immigrants in American Politics 3 Credits
Historical examination of how various institutional attitudes and policies toward immigrants produce different political integration outcomes among African, Asian, European, and Latinx immigrants; evaluation of American democratic institutions' interactions with America's newest arrivals and future citizens.
Terms Typically Offered: On Demand.

## POLS-332 Gender \& Politics 3 Credits

Examines the relationship between gender and political participation and representation; explores inequalities and how gender hierarchy is produced and reproduced through socio-cultural, economic, and political practices and structures.
Terms Typically Offered: On Demand.

## POLS-333 Modern Political Thought 3 Credits

This class is a study of the origins of the state, human rights, personal liberty, and the idea of progress. Students examine primary texts in political philosophy, including Thomas Hobbes, John Locke, Edmund Burke, and John Stuart Mill, in order to become familiar with the development of modernity and how it shapes our own outlook on politics, morality and faith. (This course is currently in teach out. See POLS-324.)

## POLS-334 Latinx Politics 3 Credits

Explores historical and contemporary pursuit of integration of Latinx Americans into the political system; examines issues of representation, citizenship and belonging, political attitudes, electoral behavior, and policy preferences.
Terms Typically Offered: On Demand.

## POLS-345 U.S. Foreign Policy 3 Credits

Principles, practice, and ethical issues of United States foreign policymaking. Particular emphasis on the policymaking process. Terms Typically Offered: On Demand.

## POLS-360 American Politics and Elections 3 Credits

This course is devoted to the institutions, practices, and history of how Americans choose their presidents and other representatives. Students examine voting behavior, the nomination process, and the cultural, social, and economic impact of campaigns, as well as controversies surrounding campaign finance, polling, and the media. Offered fall in even-numbered years, with focus more on the presidential races in presidential election years. (This course is currently in teach out. See POLS-361.)

## POLS-361 Political Parties, Campaigns \& Elections 3 Credits

Organizations and function of political parties, nominations, elections, tactics of campaigning and campaign finance; explores mass political attitudes and behavior of American electorate. (course formerly POLS-360 American Politics and Elections; see 2019 Academic Catalog) Terms Typically Offered: On Demand.

## POLS-370 Constitutional Law 3 Credits

This course is devoted to the U.S. Supreme Court. We will examine the Court as an institution, its historical development, and the way it works today. We will meet particular justices throughout the Court's history, and examine their roles and judicial philosophies. The class will then study the Court's most important rulings, and consider how they shaped the power of the federal government, its relationship with the states, as well as its protection of civil rights and liberties, and the shape of our national life.
Prerequisite: Take ENGL-220C HIST-262 or POLS-262;
Terms Typically Offered: On Demand.

## POLS-438 Comparative Politics 3 Credits

Comparative politics is the study of political systems around the world. Students will examine the theoretical background of various regime types, the history of modern nation-states, and survey a variety of existing political systems. Students will consider the difference between autocracy and democracy, the causes of poverty and development, and the consequences of the way power is distributed and checked within any society.
Terms Typically Offered: On Demand.

## POLS-446 Public Policy Issues 3 Credits

A conclusion to the institutions classes (Congress, the Presidency and Constitutional Law), this course is a study of major laws and their effect on society, with particular attention devoted to immigration, poverty, education and healthcare. Throughout, students will consider the costbenefit analysis, public administration, policy assessment, and the various views about concepts of the public good.
Terms Typically Offered: On Demand.

## POLS-450 Political Science Teaching Internship 1-3 Credits

Regular hours each week for classes and/or meetings are established at the beginning of the semester. The intern assists an instructor in planning and conducting a course and/or laboratory session. Maximum of three units. (Maximum six units for HIST-450, POLS-450, HIST-454, POLS-454, HIST-457, and POLS-457.)
Terms Typically Offered: Fall and Spring.

## POLS-454 History/Political Science Internship 1-3 Credits

Internship with Vanguard University, local museum, archives, government office, or political campaign. Maximum of three units. (Maximum six units for HIST-450, POLS-450, HIST-454, POLS-454, HIST-457, and POLS-457.) Terms Typically Offered: Fall and Spring.

## POLS-456 U.S. Congress and Representation 3 Credits

Exploration of theoretical concept of representation; motivations and behavior of Members of Congress; impact of money and interest groups on legislative bills and campaigning. (course formerly titled United States Congress; 2019 Academic Catalog)
Terms Typically Offered: On Demand.

## POLS-457 Research Assistantship 1-3 Credits

Advanced work in research in Political Science in an on-going project with the cooperation and supervision of a faculty member. Students will meet with instructor weekly to discuss findings and progress. Maximum three units. (Maximum six units for HIST-450, POLS-450, HIST-454, POLS-454, HIST-457, and POLS-457.)
Terms Typically Offered: On Demand.
POLS-469 Special Topic: U.S.: 1-3 Credits
Experimental or occasional courses not offered on a regular basis. May be repeated for credit.
Terms Typically Offered: On Demand.
POLS-470 Special Topic: Non-U.S.: 1-3 Credits
Experimental or occasional courses not offered on a regular basis. May be repeated for credit.
Terms Typically Offered: On Demand.

POLS-472 U.S. Presidents and the Presidency 3 Credits
Historical development and operation of the Presidency as an institution, examines sources of presidential power, recent leadership styles and decision-making within the presidency. (course formerly titled United States Presidency; see 2019 Academic Catalog)
Terms Typically Offered: On Demand.
POLS-480 Individual Studies: 1-3 Credits
May be repeated for credit. Cosent of the instructor and the department chair is required.
Terms Typically Offered: On Demand.
POLS-482 International Politics 3 Credits
Examination of the concepts and principles of the international political system.
Terms Typically Offered: On Demand.

## History and Political Science ITEP

B.A.

## Requirements

| CodeTitle <br> Core Curriculum Requirements $(\mathrm{p} .62)^{1}$ | Units |
| :--- | ---: |
| Major Core Requirements | 38 |
| Electives | 48 |
| Credential Classes | $\mathbf{7}$ |
| Total Units | $\mathbf{2 7}$ |
| $\mathbf{1 2 0}$ |  |

## History and Political Science Major

Code Title Units

| Lower Division |  |
| :--- | :--- |
| ANTH-102C Intro to Cultural Anthropology | 3 |

BUSN-215 Principles of Macroeconomics 3
HIST-156C U.S. History 3
HIST-203C World Civilizations I 3
HIST-204C World Civilization II 3
HIST/POLS-262 Research Methods in Hist/Poli Science 3
POLS-155C American Democracy 3
SOC-265C Introduction to Behavioral Statistics 3

| Upper division |  |  |
| :--- | :--- | :--- |
| HIST-316 Teaching History/Multicultural Setting | 3 |  |

HIST-356 History and Geography of California 3
HIST-490C Senior Seminar 3

HPS Upper Division classes U.S Focus 6
HPS Upper Division Non-U.S Focus 6
HPS Upper Division Non-West/World Focus 3
HPS Upper Division Electives 15
A minimum of 6 units in History \& 6 units in Political Science must be part of the upper division electives
Credential Classes

| EDUC-424 | Foundations in Teaching for Single Subject | 2 |
| :--- | :--- | :--- |
| EDUC-426 | Instructional Design and Subject Specific | 4 |
|  | Pedagogy for Single Subject |  |


| EDUC-435 | Supervised Fieldwork for Single Subject | 4 |
| :--- | :--- | ---: |
| EDUC-444 | Language Acquisition for Secondary Students | 1 |
| EDUC-447 | Metacognition/Reading Strategies for Secondary | 1 |
|  | Students |  |

1
Number of units required from the Core Curriculum not included in the major requirements below.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of History and Political Science.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| ENGL-120C | Persuasive Writing | 3 |
| HIST-156C | U.S. History | 3 |
| THEO-101C | Foundations of Christian Life | 3 |
| ANTH-102C | Intro to Cultural Anthropology | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | $\mathbf{1 6}$ |

Year 1 Term 2

| POLS-155C | American Democracy | 3 |
| :--- | :--- | :--- |
| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
| NT-101C | New Testament Survey | 3 |
| PSYC-103C | Introduction to Psychology | 3 |


| HIST-203C | World Civilizations I | 3 |
| :--- | :--- | ---: |
| Year 2 Term 1 | Units | 16 |
| COMM-201C | Speech Composition and Presentation | 3 |
| HIST-262 | Research Methods in Hist/Poli Science | 3 |
| SOC-265C | Introduction to Behavioral Statistics | 3 |
| HIST-204C | World Civilization II | 3 |
| OT-201C | Old Testament Survey | 3 |
|  | Units | $\mathbf{1 5}$ |
| Year 2 Term 2 |  | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
| HIST-356 | History and Geography of California | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| HSPS-ELCT | HPS Upper Div Elective US | 3 |
| HSPS-ELCTNUS | HPS Upper Division Elective-Non-U.S. | 3 |
| HSPS-ELCTNUW | HPS Upper Division Elective Non-US/ World |  |
|  | Focus | $\mathbf{1 8}$ |


| Year $\mathbf{3}$ Term 1 |  | 3 |
| :--- | :--- | ---: |
| THEO-300C | Developing a Christian World View | 3 |
| HIST-316 | Teaching History/Multicultural Setting | 3 |
| HSPS-ELCT | HPS Upper Div Elective US | 3 |
| HSPS-ELCTNUS | HPS Upper Division Elective-Non-U.S. | 3 |
| HSPS-ELCTUPD | History/Political Science Upper Div Elective | $\mathbf{3}$ |
|  | Units | $\mathbf{1 5}$ |

## Year 3 Term 2

BUSN-215 Principles of Macroeconomics 3

| HSPS-ELUPD12 | History/Political Science Upper Div HSPS <br> Upper Division Electives (12u) | 12 |
| :--- | :--- | :--- |
|  | Units | $\mathbf{1 5}$ |


| Year 4 Term 1 |  |  |
| :--- | :--- | ---: |
| CHIS-400C | Christian Heritage | 3 |
| EDUC-434 | Curriculum Unit Planning for Single Subject | 2 |
| EDUC-426 | Instructional Design and Subject Specific <br> Pedagogy for Single Subject | 4 |
| EDUC-435 | Supervised Fieldwork for Single Subject | 4 |
| EDUC-444 | Language Acquisition for Secondary <br> Students | 1 |
| EDUC-447 | Metacognition/Reading Strategies for <br> EDUC-452 | Literacy in Content Areas for Secondary |
| EDUC-464 | Students | 1 |
| EDUC-442 | Use of Technology in the Classroom | 1 |
|  | CalTPA Cycle 1 | 1 |


| Year 4 Term 2 |  | 3 |
| :--- | :--- | ---: |
| HIST-490C | Senior Seminar | 2 |
| EDUC-434 | Curriculum Unit Planning for Single Subject | 0.5 |
| EDUC-443 | CalTPA Cycle 2 | 2 |
| EDUC-488 | Clinical Practice Seminar for Single Subject |  |


| EDUC-489 | Clinical Practice Fieldwork for Single <br> Subject | 8 |
| :--- | :--- | ---: |
| Units | $\mathbf{1 5 . 5}$ |  |
| Total Units | $\mathbf{1 2 8}$ |  |

## History and Political Science B.A. Requirements

| Code $\quad$ Title | Units |
| :--- | ---: |
| ${\text { Core Curriculum Requirements }(\text { p. 62 })^{1}}^{1}$ | 41 |
| Major Core Requirements ${ }^{2}$ | 57 |
| Electives | $\mathbf{2 2}$ |
| Total Units | $\mathbf{1 2 0}$ |

## History and Political Science Major

| Code | Title U | Units |
| :---: | :---: | :---: |
| Survey of the Field: |  |  |
| HIST-156C | U.S. History ${ }^{2}$ | 3 |
| HIST-203C | World Civilizations I ${ }^{2}$ | 3 |
| HIST-204C | World Civilization II | 3 |
| POLS-155C | American Democracy | 3 |
| HIST/POLS-262 | Research Methods in Hist/Poli Science ${ }^{2,3}$ | 3 |
| SOC-265C | Introduction to Behavioral Statistics ${ }^{2,7}$ | 3 |
| Electives: Upper division U.S. History and Political Science ${ }^{4}$ |  |  |
| Select nine units from the following: |  | 9 |
| CHIS-420 | History of Pentecostalism |  |
| HIST-306 | Chicano History |  |
| HIST-316 | Teaching History/Multicultural Setting |  |
| HIST-350 | U.S. Military History |  |
| HIST-356 | History and Geography of California |  |
| HIST-360 | Women in American History |  |
| HIST-363 | America From Colony to Nation |  |
| HIST-373 | U.S. 1945-1963: Good Old Days |  |
| HIST-374 | U.S. Since 1963: Contemp America History History |  |
| HIST-425 | Topics/Amer Relg Hist: |  |
| HIST-450 | History Teaching Internship ${ }^{5}$ |  |
| HIST-454 | History and Political Science Internship ${ }^{5}$ |  |
| HIST-457 | Research Assistantship ${ }^{5}$ |  |
| HIST-469 | Special Topic: U.S.: |  |
| POLS-304 | Political Psychology |  |
| POLS-330 | Race, Identity \& Politics |  |
| POLS-331 | Immigrants in American Politics |  |
| POLS-332 | Gender \& Politics |  |
| POLS-334 | Latinx Politics |  |
| POLS-345 | U.S. Foreign Policy |  |
| POLS-361 | Political Parties, Campaigns \& Elections |  |
| POLS-370 | Constitutional Law |  |
| POLS-446 | Public Policy Issues |  |
| POLS-450 | Political Science Teaching Internship ${ }^{5}$ |  |


| POLS-454 | History/Political Science Internship ${ }^{5}$ |
| :--- | :--- |
| POLS-456 | U.S. Congress and Representation |
| POLS-457 | Research Assistantship ${ }^{5}$ |
| POLS-469 | Special Topic: U.S.: |
| POLS-472 | U.S. Presidents and the Presidency |

Electives: Upper division non-U.S. History and Political Science 4
Select nine units from the following courses; at least three units 9 must be non-Western or World History: ${ }^{6}$

| HIST-302 | Twentieth-Century Europe |
| :--- | :--- |
| HIST-317 | Modern China $^{6}$ |
| HIST-319 | Imperial China ${ }^{6}$ |
| HIST-322 | History of England |
| HIST-323 | The British Empire ${ }^{6}$ |
| HIST-334 | History of Mexico |
| HIST-339 | Area Studies: ${ }^{6}$ |
| CHIS-340 | Late Roman-Byzantine Empire $^{\text {HIST-345 }}$ |
| The Birth of Modern Europe |  |
| HIST-346 | Ancient Greece and Rome |
| HIST-358 | The Revolutionary Atlantic ${ }^{6}$ |
| HIST-366 | The History of Human Rights ${ }^{6}$ |
| HIST-428 | The History of Childhood ${ }^{6}$ |
| HIST-450 | History Teaching Internship ${ }^{5}$ |
| HIST-451 | Renaissance and Reformation |
| HIST-454 | History and Political Science Internship ${ }^{5}$ |
| HIST-457 | Research Assistantship ${ }^{5}$ |
| HIST-470 | Special Topic: Non-U.S. |
| POLS-324 | Comparative Political Thought |
| POLS-438 | Comparative Politics ${ }^{6}$ |
| POLS-450 | Political Science Teaching Internship ${ }^{5}$ |
| POLS-454 | History/Political Science Internship ${ }^{5}$ |
| POLS-457 | Research Assistantship ${ }^{5}$ |
| POLS-470 | Special Topic: Non-U.S.: |
| POLS-482 | International Politics |

Electives: Upper division History or Political Science
Select 18 units from the courses listed above (unrestricted). 18
Capstone Course:
HIST-490C Senior Seminar 3
Total Units 57

1

Number of units required from the Core Curriculum not included in the major requirements below.

2
Twelve of the 57 units count toward Core Curriculum 3

Satisfies ENGL-220C Researched Writing Core Curriculum requirement. If ENGL-220C Researched Writing was taken before a History/Political Science major was declared, it will be an acceptable substitution.

4
A minimum of six units in History and six units in Political Science must be part of the upper division electives.
5
Maximum six hours count toward the 36-hours content requirement 6

Satisfies the three units of the non-Western or World History requirement. 7
Satisfies the Core Math Requirement.
An exit interview is required of all graduating seniors.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of History and Political Science.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| HIST-156C | U.S. History | 3 |
| THEO-101C | Foundations of Christian Life | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
|  | Units | $\mathbf{1 6}$ |
| Year 1 Term 2 |  | 3 |
| NT-101C | New Testament Survey | 3 |
| POLS-155C | American Democracy | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| SOC-265C | Introduction to Behavioral Statistics | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | $\mathbf{1 5}$ |

Year 2 Term 1

| HIST-203C | World Civilizations I | 3 |
| :--- | :--- | ---: |
| HIST-262 | Research Methods in Hist/Poli Science | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
|  | Units | $\mathbf{1 6}$ |


| Year $\mathbf{2}$ Term 2 |  |  |
| :--- | :--- | ---: |
| HIST-204C | World Civilization II | 3 |
| OT-201C | Old Testament Survey | 3 |
| HSPS-PLHD9 | History Political Science Elective 9 Uni | 9 |
|  | Units | $\mathbf{1 5}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | ---: |
| THEO-300C | Developing a Christian World View | 3 |
| HSPS-PLHD6 | History Political Science Electives | 6 |
| ELCT-PLHD6 | Electives 6 Units | $\mathbf{6}$ |
|  | Units | $\mathbf{1 5}$ |


| Year $\mathbf{3}$ Term 2 |  |  |
| :--- | :--- | ---: |
| HSPS-PLHD9 | History Political Science Elective 9 Uni | 9 |
| ELCT-PLHD6 | Electives 6 Units | 6 |
|  | Units | $\mathbf{1 5}$ |

## Year 4 Term 1

| CHIS-400C | Christian Heritage | 3 |
| :--- | :--- | ---: |
| HSPS-PLHD9 | History Political Science Elective 9 Uni | $\mathbf{9}$ |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | $\mathbf{1 5}$ |


| Year 4 Term 2 |  |  |
| :--- | :--- | ---: |
| HIST-490C | Senior Seminar | 3 |
| HSPS-PLHD3 | History/Political Science Elective 3u | 3 |
| ELCT-PLHD7 | Electives 7 Units | $\mathbf{7}$ |
|  | Units | $\mathbf{1 3}$ |
|  | Total Units | $\mathbf{1 2 0}$ |

## History and Political Science Minor Requirements

The academic minor in History and Political Science may be obtained by taking 21 credits of History and Political Science courses, of which 12 credits must be taken at Vanguard. Questions, contact the Department of History and Political Science.

## Pre-Law Studies Minor

## Requirements

The Pre-Law Studies minor is an interdisciplinary course of study designed to provide students a theoretical and practical introduction to the study of the law and society. The minor includes course work in law, political science, sociology, business, history, and communication. It is strongly recommended that students take advantage of the
interdisciplinary nature of the minor and select electives from a variety of academic disciplines.

The minor requires a total of 21 units. Courses should cover a minimum of three disciplines. In addition, a maximum of nine units may be used from the units used to complete the requirements of a major.

| Code | Title | Units |
| :---: | :---: | :---: |
| Select 21 units from the following: |  | 21 |
| BUSN-316 | Legal Aspects/Business Process |  |
| BUSN-317 | Legal \& Ethical Environ/Busin |  |
| COMM-445 | Persuasion |  |
| HIST-366 | The History of Human Rights |  |
| POLS-155C | American Democracy |  |
| POLS-324 | Comparative Political Thought |  |
| POLS-332 | Gender \& Politics |  |
| POLS-370 | Constitutional Law |  |
| POLS-446 | Public Policy Issues |  |
| SOC-305 | Criminology/Criminal Justice System |  |
| SOC-345/ PSYC-344 | Family Violence |  |
| SOC-357 | Inside-Out-Jail Class |  |
| SOC-362 | Juvenile Delinquency \& Justice |  |
| SOC-373 | Deviant Behavior |  |
| SOC-378 | Prisons and Jails |  |
| Total Units |  | 21 |

Other courses may be approved on a case-by-case basis by the Pre-Law Minor Advisor or the History \& Political Science Department Chair.

## Public Policy Minor <br> Requirements

The academic minor in Public Policy is an interdisciplinary social science minor established to equip students with the theoretical perspective, analytical skill, and substantive knowledge needed to deal with domestic and global policy problems.

Students should take Intro to Statistical Methods, three courses from the History and Political Science area, and three courses from the Sociology area for a total of 21 units.

| Code | Title | Units |
| :--- | :--- | ---: |
| Required course: |  |  |
| MATH/PSYC/ Intro to Statistical Methods <br> SOC-265C  |  |  |
| History/Political |  |  |
| BUSience: Select nine units from the following: | 9 |  |
| HIST-366 | Principles of Macroeconomics |  |
| HIST-374 | U.S. Since 1963: Contemp America History History |  |
| POLS-324 | Comparative Political Thought |  |
| POLS-331 | Immigrants in American Politics |  |
| POLS-370 | Constitutional Law |  |
| POLS-446 | Public Policy Issues |  |

POLS-456 U.S. Congress and Representation

| Sociology: Select nine units from the following: |  |
| :--- | :--- |
| SOC-230 | Social Problems |
| SOC/ | Social Psychology |
| PSYC-324 |  |
| SOC-337 | Public Health |
| SOC/ | Class, Race, Ethnicity \& Gender |
| ANTH-343 |  |
| SOC-362 | Juvenile Delinquency \& Justice |
| SOC/ | Urban Studies |
| ANTH-371 |  |

Total Units

Other courses may count as an elective for the minor as they are developed or as approved by the History \& Political Science Department Chair.

## Department of Psychology


#### Abstract

Mission: The Department of Psychology seeks to enhance students' understanding of human nature proceeding from a Christian understanding of humans created in the image of God. The psychology major explores multiple perspectives of human nature, including cognitive, behavioral, biological, social-cultural, and spiritual. All students learn the skills necessary to conduct research and to evaluate carefully others' research, with the goal of increasing students' understanding of human nature. Students interested in counseling are introduced to basic theories and methods relevant to providing counseling services. The psychology major prepares students either to secure employment immediately following graduation or to continue on to pursue advanced study in psychology or counseling at the graduate level.


Both a major and a minor in Psychology are offered through the undergraduate Psychology Department. Refer to the Programs tab for more information.

## Program Learning Outcomes Program Learning Outcomes

Program Learning Outcomes (PLOs) for the Department of Psychology are:

1. Apply principles of cognitive, behavioral, biological, socio-cultural, and spiritual perspectives on human nature to practical issues such as personal, social and/or organizational issues.
2. Apply core principles of empirical research, including research design, data analysis, and interpretation, to critically evaluate scholarly research.
3. Practice professional ethics (as defined by American Psychological Association), cultural competency, and citizenship with the focus on core principles of beneficence, responsibility, integrity, justice, and respect.
4. Develop oral and written products that demonstrate information literacy skills in established scientific format (APA).
5. Apply psychological knowledge, skills and values to various careers and/or postgraduate study.
6. Integrate Christian worldview with knowledge of psychology

## Programs <br> Major:

- Psychology B.A. (p. 268)


## Minor:

- Psychology Minor (p. 270)


## Courses

NOTE: Some of the courses listed below may be applicable to general education requirements within the School for Professional Studies (e.g. PSYC-103 Introduction to Psychology). Questions, contact the Department of Psychology or the Registrar's Office.

## PSYC-103 Introduction to Psychology 3 Credits

Prerequisite to all other psychology courses. This course explores the fundamental issues of psychology, including research in psychology, biological influences on development and behavior, learning and memory, motivation, personality, psychological disorders, psychological interventions, and social behavior. Meets Social Science requirement.
(School for Professional Studies Course).
Terms Typically Offered: Fall and Summer.

## PSYC-103C Introduction to Psychology 3 Credits

Prerequisite to all other psychology courses. This course explores the fundamental issues of psychology, including research in psychology, biological influences on development and behavior, learning and memory, motivation, personality, psychological disorders, psychological interventions, and social behavior.
Terms Typically Offered: Fall and Spring.

## PSYC-220C Researched Writing/Psyc Majors 3 Credits

This course focuses on the process of writing in APA style. Students will be taught how to read and comprehend research in psychology and to write research papers from a place of understanding the context, process, and audience for research writing. This course also serves as an introduction to the major, informing students of scholastic expectations and of opportunities within their undergraduate experience. Additionally, students will be guided in thinking about and moving toward future educational and career pursuits. Must be passed with a "C" (not "C-") or better to fulfill the core curriculum requirement. Prerequisite for Research Methods. Satisfies ENGL-220C core requirement.
Prerequisite: PSYC-103C, ENGL-120C
Terms Typically Offered: Fall and Spring.

## PSYC-221 Developmental Psychology 3 Credits

An exploration of human development through the biological behavioral, cognitive, sociocultural, and spiritual perspectives in a lifespan approach (from conception through death). This course is recommended early in the major and is a prerequisite for other psychology courses.
Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.

PSYC-265C Introduction to Behavioral Statistics 3 Credits
A course in basic statistical concepts and methods of collecting, summarizing, presenting, and interpreting data in the behavioral sciences; including descriptive statistics (use of graphs and charts), normal distribution curve, measures of central tendency, deviation and dispersion, hypothesis testing, statistical fallacies, correlation, and topics in probability. Students majoring in Psychology, Sociology or History/ Political Science must take PSYC-265C or SOC-265C to fulfill the core curriculum requirement in mathematics and the major requirement. Terms Typically Offered: Fall and Spring.

## PSYC-304 Political Psychology 3 Credits

This course evaluates theories from the field of psychology to help us understand how people think and feel about politics. Students will investigate how social, cognitive, emotive, and physiological factors interact to influence political preferences and opinions.
Terms Typically Offered: Fall.

## PSYC-312 Death, Grief, and Loss 3 Credits

This course is cross listed with SOC-312. This course provides a comprehensive introduction to the study of death and dying. This course will discuss the intellectual, emotional, social, psychological, experiential, and spiritual aspects of death and loss as part of one's personal discover. Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## PSYC-321 Adolescent Psychology 3 Credits

A study of the period of life from puberty to the emergence from the teens, emphasizing the physical, mental, emotional, social, spiritual, and personality development of the individual. Diversity issues are considered.

## Prerequisite: PSYC-103C

Terms Typically Offered: Fall and Spring.

## PSYC-323 Positive Psychology 3 Credits

Positive Psychology is the scientific study of the factors that make one's life fulfilling. The course explores such concepts as happiness, meaning, flow, values, strengths, and virtues as they relate to an individual's ability to thrive, in turn affecting the health and well-being of family and society. Topics will be presented and evaluated in the context of Christian faith.
Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.

## PSYC-324 Social Psychology 3 Credits

This course is cross listed with SOC-324. An examination of interpersonal behavior as it is influenced by social processes, culture, face-to-face interactions, and personality characteristics; including interpersonal and group behavior in relationship to social values, norms, attitudes, roles, and social needs.
Prerequisite: PSYC-103C or SOC-100C
Terms Typically Offered: Fall and Spring.
PSYC-331 Multi-Cultural Psychology 3 Credits
Exposes students to the psychological literature relevant to becoming more culturally sensitive to diverse ethnic populations and other forms of diversity. It addresses the unique changes required to the traditional psychological counseling theories and counseling practices that are associated with helping individuals from diverse backgrounds. The course is applicable to students who intend to work with, minister to, or do clinical counseling with people of diverse ethnic and cultural backgrounds. Lab fee.
Prerequisite: PSYC-103C

PSYC-332 Psychological Disorders 3 Credits
A study of psychological disorders using a biopsychosocial perspective. Course includes description, patterns of development, assessment, and treatment methods.
Prerequisite: PSYC-103C, PSYC-221
Terms Typically Offered: Fall and Spring.

## PSYC-335 Social \& Psychological Aspects of Aging 3 Credits

An interdisciplinary and cross-cultural perspective on human aging. The physiology of aging and its psychological ramifications are explored, as is the sociology and spirituality of the older adult in contemporary society. Prerequisite: PSYC-103C or SOC-100C
Terms Typically Offered: Fall and Spring.

## PSYC-336 Managing Crisis 3 Credits

This course is cross listed with SOC-336. This course examines the phenomena of social crises and emergencies. It will examine Crisis Theory, response, coping skills and intervention methods. Implications for gender, race, social class, and diverse backgrounds will be explored in light of how those differences influence differing needs, norms, and ways of coping.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: Fall and Spring.
PSYC-338 Child Psychology 3 Credits
A study of the period of life from early childhood until puberty from a developmental psychopathology perspective. The course provides an overview of psychological disorders of childhood and an introduction to their clinical treatment.
Prerequisite: PSYC-103C, PSYC-221, PSYC-332
Terms Typically Offered: Fall.
PSYC-340 Biological Psychology 3 Credits
This course is an introduction to the concepts of biological psychology. Beginning with a basic understanding of brain structures, students will gain an understanding of how brain structure relates to brain function and to behavior. Topics covered include brain structure, neuronal communication, drugs and hormonal influences on the brain, visual sensation and perception, sleep and waking states, sexual behavior, brain lateralization, language, and psychological disorders.
Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.

## PSYC-344 Family Violence 3 Credits

This course is cross listed with SOC-345. Investigates the identification, causes, and prevention of all types of intrafamily abuse: child, spouse, sibling, and parent. Explores theories and research findings for practical application. Studies the sociocultural contexts in which abuse and violence occur. For students whose careers will bring contact with victims and/or perpetrators of family violence.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
PSYC-345 Theories of Personality 3 Credits
A review and critical evaluation of the major personality theories and their supporting evidence.
Prerequisite: PSYC-103C, PSYC-221
Terms Typically Offered: Fall and Spring.

PSYC-346 Human Sexuality 3 Credits
This course is cross listed with ANTH-346 and SOC-346. Human Sexuality provides an overview of human sexual anatomy, gender identify, sexual orientation and expression, and the ways that contexts affect sexual meanings. Must have junior or senior class standing.
Prerequisite: ANTH-102C PSYC-103C or SOC-100C; must be Junior or Senior standing.
Terms Typically Offered: On Demand.

## PSYC-351 Principles of Behavior 4 Credits

This course introduces students to the principles of classical and operant conditioning that can be applied to clinical, counseling, child, sports, and organizational psychology. Examination of these principles and their role in substance abuse, behavioral addictions, autism, phobias, sexual behavior, developmental disabilities, behavioral medicine, animal training, and everyday life will be included. Students will participate in hands-on exercises with rodents to illustrate operant conditioning principles of behavior. Must be Junior or Senior standing. Lab fee.
Prerequisite: PSYC-103C and Junior or Senior Standing
Terms Typically Offered: Spring.

## PSYC-354 Disability Studies 3 Credits

This is a survey course of disability studies from an interdisciplinary approach. The course will investigate, critique, and enhance society's perception and understandings of disability both locally and globally. This course explores the concept of disability in health, education, legal systems, community, media, and diverstiy. This course will apply the core concepts of disability theory to analyze issues in history, policy, culture, and human rights. Students will participate in various assignments that will allow them to reflect and integrate key concepts from this course into their own disciplines.
Prerequisite: PSYC-103C
Terms Typically Offered: Spring.

## PSYC-355 Survey of Human Services 3 Credits

Survey of Human Services explores the ways in which care is provided for the whole individual, surveying community resources and developing an understanding of the ways in which human services are carried out in various settings. Ethical issues and the significance of a Christian worldview in human services are also examined.
Prerequisite: PSYC-103C or SOC-100C
Terms Typically Offered: Fall.

## PSYC-373 Psychology of the Family 3 Credits

Psychology of the Family explores the institution of the family from a multigenerational developmental perspective. Psychological, sociocultural, and spiritual perspectives are also explored. Students will be introduced to family systems theory as a method of understanding family dynamics and to theoretical orientations of family therapy.
Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.

PSYC-374 Intro to Industrial/Organizational Psyc Organizational Psychology 3 Credits
Psychology of Work examines the role of psychology in enhancing well-being and productivity of working individuals and performance of organizations that employ them. Issues concerning both individual and group functioning are discussed: employee selection, matching jobs and individuals, training, performance evaluation, productive and counterproductive behavior in organizations, stress, leadership and organizational development. Furthermore, all of these issues are considered in the context of multilevel cultural influences, from organizational cultures to demands due to globalization.
Prerequisite: PSYC-103C
Terms Typically Offered: Spring.

## PSYC-381 Research Methods in Psychology 4 Credits

An introduction to qualitative and quantitative research methods in psychology, including experimental, quasi-experimental, and correlation approaches. Students will learn to think critically about research, assessing threats to internal and external validity. Students will consider ethical issues in research and will learn to design and conduct research, including searching the literature, using SPSS to analyze data, and writing formal research reports using APA style.
Prerequisite: PSYC-103C, PSYC-220C or ENGL-220C; PSYC-265C,

## MATH-265C orSOC-265C

Terms Typically Offered: Fall and Spring.

## PSYC-382 Mental Illness in Society 3 Credits

This course examines the distribution of mental illness throughout society, the social conditions of processes that contribute to mental illness and mental health, and the individual experience of being labeled and treated as mentally ill.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C

## PSYC-383 Addiction Studies 3 Credits

This course will examine the psychological, social, and biological aspects of illicit drug use, alcoholism, compulsive gambling, over eating, and other addictions. The course will also explore drug prevention and treatment from the perspective of the Christian faith.
Prerequisite: PSYC-103C and PSYC-340
Terms Typically Offered: Spring.
PSYC-384 Next Steps: Career and Grad Readiness 1 Credit
This course covers the scope and value of the psychology major. Students will learn about the application of psychology to various disciplines within the social sciences and professional schools in order to consider future career options. Finally, students will focus on personal professional development including preparation for graduate work, career choices at varying degree levels, and essential skills necessary to make the transition to graduate school. This course will also coordinate and enhance the existing psychology undergraduate advisement efforts. Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.

## PSYC-385 Field Research Lab/Seminar 3 Credits

This course provides students an opportunity to gain experience in an on-going research experiment with a faculty member. Students will be exposed to contemporary research problems in an area of psychology and the application of research concepts. This course may meet offcampus during the semester. Class may be repeated one time for credit. Prerequisite: Take PSYC-103C and PSYC-221 or EDUC-326 Terms Typically Offered: Fall and Spring.

## PSYC-420 Behavior Modification 3 Credits

An examination of the applications of cognitive and learning theories to a broad range of problems and settings, including child rearing, education, psychotherapy, and industrial settings. Integration of theological aspects of therapy is also addressed.
Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.

## PSYC-434 Group Dynamics 3 Credits

Group Dynamics explores the various stages of groups, including pregroup assessment and screening of group members, group development, the initial stage, the transition stage, the working stage, and the final stage of groups. Students will be introduced to different types of groups. Ethical and multicultural issues as they apply to groups are examined. This course incorporates experiential learning processes where students learn about group processes through participation in an ongoing class experiential group. Each student will attend one group meeting of an ongoing secular group in the community and one group meeting of an ongoing Christian group in the community. Students taking this class are asked to be committed to group participation.
Prerequisite: PSYC-103C
Terms Typically Offered: On Demand.

## PSYC-443 Sport Psychology 3 Credits

This course is designed to introduce students to the psychological aspects of sport and physical activity. From the sport perspective, emphasis will be placed on mental preparation of teams and individuals for competition. From the exercise perspective, group dynamics, motivation and exercise adherence will be covered.
Prerequisite: PSYC-103C
Terms Typically Offered: On Demand.

## PSYC-449 Cognitive Psychology 3 Credits

Addresses the study of human cognitive processes including perception, memory, problem solving, thinking, and hemispheric specialization. Cognitive aspects of psychological and learning disorders are also addressed.
Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.

## PSYC-450 Psychology Teaching Internship 1-4 Credits

Regular hours each week for classes and/or meetings are established at the beginning of the semester. Psychology Teaching Internship provides the student with the opportunity to assist an instructor in planning and conducting a course and/or laboratory sessions. The course may be repeated for a maximum of eight units. Three (3) units of PSYC 450 may be applied to the Psychology electives requirement with the balance of the units applied toward general elective units.
Terms Typically Offered: On Demand.

## PSYC-460 Field Practicum 1-4 Credits

Field experience in a social service agency such as an outpatient health facility, a community organization, or a social program. The course can be taken from 1-4 units and may be repeated for credit. Thirty hours of field experience will be required for each credit hour. This course is controlled by the instructor and all field sites must be approved by the professor.
The course instructor and the university manage the course requirements and responsibilities, which may include: a research paper, weekly journals, and various written assignments. The course requires weekly interaction between professor and student, as well as training and preparation that are comparable with other courses within the major. May be repeated for credit.
Prerequisite: PSYC-103C, PSYC-221 and PSYC-332
Terms Typically Offered: Fall and Spring.

## PSYC-462 Counseling Theories 3 Credits

An examination of the personhood of the counselor, the major theoretical counseling models, and the dynamics of effective behavioral change. The integration of biblical principles in counseling theories is introduced.
Prerequisite: PSYC-103C, PSYC-221 and PSYC-332
Terms Typically Offered: Fall.

## PSYC-463 Counseling Methods 3 Credits

The Counseling Methods course is an introduction to basic skills used in the helping professions including interviewing, listening skills, and basic therapeutic techniques as applied to adults, children, and families. The course also covers the personal life of the counselor and the process of professional development. In addition, students will be introduced to a range of special topics which may include, but are not limited to, grief, trauma, positive psychology and art therapy.
Prerequisite: PSYC-103C, PSYC-221 and PSYC-332
Terms Typically Offered: Spring.

## PSYC-470 Special Topic: 3 Credits

An upper division study of a special topic in psychology. May be repeated for credit.
Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.

## PSYC-474 Psychological Research I 4 Credits

An examination of problems in advanced research and assessment, with an emphasis on research techniques. Research is carried out under the supervision of the instructor with weekly conferences to discuss results and direction.

Prerequisite: PSYC-381
Terms Typically Offered: Fall.

## PSYC-475 Psychological Research II 4 Credits

Psychological research and assessment conducted in PSYC-474 will culminate in a written paper. The APA-formatted paper will include literature review, methodology, results, and discussion. The research paper or poster will be submitted for presentation at either an undergraduate or professional conference.
Terms Typically Offered: Spring.

## PSYC-477C Psychology and Christianity 3 Credits

An examination of human nature from the perspectives of psychology and Christian belief. Among the topics covered are the relationship between mind, body, and soul; the nature of human freedom; Christian prayer; conversion; and the relationships between people's attitudes and their behavior. This course fulfills the Core Curriculum Capstone requirement for Psychology majors.
Terms Typically Offered: Fall and Spring.

## PSYC-480 Individual Studies: 1-3 Credits

This course is open to qualified upper division students who wish to engage in an individually tailored program of study. May be repeated for credit.
Prerequisite: PSYC-103C
Terms Typically Offered: On Demand.

## PSYC-482 Research in Neuroscience 4 Credits

This course provides students with an empirically-based research experience in the area of behavioral neuroscience. Students will be using an animal model of addiction and/or PTSD to study the neural mechanisms behind learning and memory. Students will gain a basic understanding of proper research methodology, memory consolidation, reconsolidation, conditioned place preference paradigm, brain anatomy, and pharmacology. Students will have hands-on experience learning various techniques, including stereotaxic surgery, animal handling and injection, behavioral analysis, and proper documentation. It is expected that a research report and an oral presentation of the results will be given at the conclusion of the course. Students must be declared Psychology Major with Junior or Senior standing. Lab fee.
Prerequisite: PSYC-340, Declared Psychology Major with Junior or Seniorstanding.
Terms Typically Offered: Fall.

## PSYC-483 Research Assistant 1-4 Credits

The undergraduate research assistantship engages students in original research projects of the faculty or student's own design. Its aim is to apply those skills learned in prior research design and methodology coursework and/or expand on these as appropriate to the student's skill set. A research agenda will be developed with each student, which then becomes the guide for the class. Course may be repeated for credit. Terms Typically Offered: On Demand.

## PSYC-485 Experimental Psychological Research 1-4 Credits

This course provides the student with an empirically-based research experience in psychology. Emphasis will be placed on experimental design and development, animal handling, instrumentation, behavioral and statistical analysis, and research documentation skills. It is expected that a research report be completed at the conclusion of the research project along with an oral presentation of results.
Prerequisite: PSYC-340, PSYC-381
Terms Typically Offered: On Demand.

## Psychology B.A. <br> Requirements

| Code | Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements $(\text { p. 62 })^{1}$ | 44 |  |
| Major Core Requirements | 51 |  |


| Electives |  | 25 |
| :---: | :---: | :---: |
| Total Units |  | 120 |
| Psychology Major Core Requirements |  |  |
| Code | Title | Units |
| Survey of the Field |  |  |
| PSYC-103C | Introduction to Psychology ${ }^{2}$ | 3 |
| PSYC-221 | Developmental Psychology | 3 |
| PSYC-332 | Psychological Disorders | 3 |
| PSYC-345 | Theories of Personality | 3 |
| Research Component |  |  |
| $\begin{aligned} & \text { PSYC-220C } \\ & \text { or ENGL-220C } \end{aligned}$ | Researched Writing/Psyc Majors ${ }^{2}$ Researched Writing | 3 |
| PSYC-265C <br> or MATH-265C <br> or MATH-270C <br> or SOC-265C | Introduction to Behavioral Statistics ${ }^{2}$ Intro to Statistical Methods Health Professions Statistical Methods Introduction to Behavioral Statistics | 3 |
| PSYC-381 | Research Methods in Psychology | 4 |
| Psychological Perspectives |  |  |
| Cognitive: |  |  |
| PSYC-449 | Cognitive Psychology | 3 |
| Behavioral: ${ }^{4}$ |  |  |
| PSYC-351 or PSYC-420 | Principles of Behavior <br> Behavior Modification | 4 |
| Biological: |  |  |
| PSYC-340 | Biological Psychology | 3 |
| Sociocultural: |  |  |
| PSYC-324 | Social Psychology | 3 |
| Spiritual: |  |  |
| PSYC-477C | Psychology and Christianity | 3 |
| Career and Grad Readiness |  |  |
| PSYC-384 | Next Steps: Career and Grad Readiness | 1 |
| Application (3 or more units) |  |  |
| Select three or mor | ore units from the following: | 3 |
| PSYC-385 | Field Research Lab/Seminar |  |
| PSYC-460 | Field Practicum |  |
| PSYC-474 | Psychological Research I |  |
| PSYC-475 | Psychological Research II |  |
| PSYC-482 | Research in Neuroscience |  |
| Upper Division Electives |  |  |
| Select three courses from the following: 9 |  |  |
| PSYC-312 | Death, Grief, and Loss |  |
| PSYC-321 | Adolescent Psychology |  |
| PSYC-331 | Multi-Cultural Psychology ${ }^{3}$ |  |
| PSYC-335 | Social \& Psychological Aspects of Aging |  |
| PSYC-336 | Managing Crisis |  |
| PSYC-338 | Child Psychology |  |
| PSYC-346 | Human Sexuality |  |
| PSYC-351 | Principles of Behavior |  |


| PSYC-355 | Survey of Human Services |
| :--- | :--- |
| PSYC-374 | Intro to Industrial/Organizational Psyc <br> Organizational Psychology |
| PSYC-373 | Psychology of the Family |
| PSYC-382 | Mental Illness in Society |
| PSYC-383 | Addiction Studies |
| PSYC-434 | Group Dynamics |
| PSYC-443 | Sport Psychology |
| PSYC-450 | Psychology Teaching Internship |
| PSYC-460 | Field Practicum |
| PSYC-462 | Counseling Theories ${ }^{3}$ |
| PSYC-463 | Counseling Methods ${ }^{3}$ |
| PSYC-470 | Special Topic: |
| PSYC-474 | Psychological Research I |
| PSYC-475 | Psychological Research II |
| SOC-310 | Introduction to Social Work |

Total Units

1
Number of units required from the Core Curriculum not included in the major requirements below.
2
Course fulfills Core requirements
3
Students considering graduate work in counseling psychology or clinical psychology are strongly encouraged to take the indicated courses.
4
For the Behavioral component of Psychological Perspectives one class will meet the requirement and the second option may be used to fulfill the upper division elective.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Psychology.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :---: | :---: | :---: |
| Year 1 Term 1 |  |  |
| PSYC-103C | Introduction to Psychology | 3 |
| CORE-100C | Cornerstone | 1 |
| THEO-PLHD | Theology Core Requirement | 3 |
| HSPS-PLCR | History/Political Sci Core Requirement | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | 16 |
| Year 1 Term 2 |  |  |
| PSYC-221 | Developmental Psychology | 3 |
| PSYC-265C | Introduction to Behavioral Statistics | 3 |
| NT-101C | New Testament Survey | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| PSYC-220C | Researched Writing/Psyc Majors | 3 |
|  | Units | 15 |
| Year 2 Term 1 |  |  |
| PSYC-332 | Psychological Disorders | 3 |
| OT-201C | Old Testament Survey | 3 |
| HIST-PLHD | History Core Requirement | 3 |
| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
| PSYC-PLHD | Psychology Elective | 3 |
|  | Units | 16 |
| Year 2 Term 2 |  |  |
| PSYC-345 | Theories of Personality | 3 |
| PSYC-324 | Social Psychology | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| PSYC-381 | Research Methods in Psychology | 4 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | 16 |
| Year 3 Term 1 |  |  |
| PSYC-PLBEH | Behvior Mod Or Princ of Behav | 3 |
| PSYC-340 | Biological Psychology | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
| PSYC-PLHD | Psychology Elective | 3 |
|  | Units | 15 |
| Year 3 Term 2 |  |  |
| COMM-201C | Speech Composition and Presentation | 3 |
| PSYC-449 | Cognitive Psychology | 3 |
| THEO-300C | Developing a Christian World View | 3 |
| PSYC-384 | Next Steps: Career and Grad Readiness | 1 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
| PSYC-PLHD | Psychology Elective | 3 |
|  | Units | 16 |
| Year 4 Term 1 |  |  |
| PSYC-PLPRRE | Psyc Field Prac., Research, Neuro Rsch | 3-4 |
| CHIS-400C | Christian Heritage | 3 |

ELCT-PLHD10 Elective 10 Units ..... 10Year 4 Term 2

| PSYC-477C | Psychology and Christianity | 3 |
| :--- | :--- | ---: |
| ELCT-PLHD6 | Electives 6 Units | 6 |
| PSYC-PLHD | Psychology Elective | 3 |
|  | Units | $\mathbf{1 2}$ |
|  | Total Units | $\mathbf{1 2 2 - 1 2 3}$ |

## Psychology Minor Requirements

The academic minor in Psychology requires the completion of 21 credits as stated below. Twelve (12) of the 21 credits must be taken at Vanguard University. For more information, contact the Department of Psychology.

| Code | Title | Units |
| :--- | :--- | ---: |
| PSYC-103C | Introduction to Psychology | 3 |
| PSYC-221 | Developmental Psychology | 3 |
| PSYC-332 | Psychological Disorders | 3 |
| PSYC-265C | Introduction to Behavioral Statistics | 3 |
| Upper Division Electives in Psychology | 9 |  |
| Total Units | $\mathbf{2 1}$ |  |

## Department of Sociology

Mission: The mission of the Department of Sociology is to equip student scholars with the theoretical, methodological, and substantive knowledge to be professionally competent practitioners devoted to the public good.

The Department of Sociology is a community of learners dedicated to understanding the socio-cultural forces shaping the life experiences of human populations. The program is based on an applied, active-learning educational model that emphasizes faculty-student collaboration to engage the work of sociologists at the community level. The department's faculty offer rigorous training in Sociological Theory, Research Design and Methods, and selective substantive areas including Criminology and Criminal Justice, Immigration and Migrant studies, Public Health, Social Work, and Social Inequality and Justice. We strive to cultivate in our students a moral vision of professional life so they remain committed to advancing public good in the vocations they pursue as Vanguard alumni.

The Department of Sociology also administers the following minors: Criminology and the Criminal Justice System, Public Health, Social Work, and Sociology.

Majors must achieve a minimum grade of "C-" in all upper division sociology courses required for the major.

## Program Learning Outcomes Program Learning Outcomes (PLOs) for the Department of Sociology:

1. Identify how sociological concepts and theories relate to everyday life
2. Understand and evaluate theoretical explanations of human behavior and social phenomenon
3. Utilize diverse quantitative and qualitative research methods
4. Communicate sociological knowledge to diverse audiences
5. Appreciate the role of research in solving human problems and strengthening human well-being.
6. Learn how to live and work as a Christ-following sociologist.

## Programs

The following academic programs are offered in the Department of Sociology or in collaboration with other academic departments. Questions, contact the Department of Sociology.

## Major:

- Sociology B.A. (p. 277)


## Minor:

- Sociology Minor (p. 278)


## Interdisciplinary Minors:

These minors are intended to be an interdisciplinary course of study administered by the Department of Sociology in collaboration with other academic units. The minor is designed to provide students a theoretical and practical overview of the topic in society from the perspective of various disciplines.

- Criminology and Criminal Justice Minor (p. 275)
- Public Health Minor (p. 276)
- Social Work Minor (p. 276)


## Courses

NOTE: Some of the courses listed below may be applicable to general education requirements within the Professional Studies/Non-Traditional Education program (e.g. SOC-100 Intro to Sociology). Questions, contact the Department of Sociology or the Registrar's Office.

## Anthropology

ANTH-102C Intro to Cultural Anthropology 3 Credits
The study of culture emphasizing culture's origins and processes. Concepts and theories about culture that apply to life in both developing and developed societies with the aim of solving human problems.

## ANTH-317 Modern China 3 Credits

A study of the political and social history of China from the midnineteenth century, when European aggression forced China on a path to modernization, to the present. (per 2020 Academic Catalog, this course is no longer cross listed with HIST-317).

## ANTH-320 Social \& Cultural Change 3 Credits

This course is cross listed with SOC-320. The study of change, its processes and consequences in non-Western and contemporary societies. Special emphasis will be given to cross-cultural change involving migrants, minorities, religious contacts, as well as change at the personal level.
Prerequisite: ANTH-102C PSYC-103C or SOC-100C

## ANTH-334 Gender/Culture/Society 3 Credits

This course is cross listed with SOC-343. Gender as a social construction with powerful consequences is explored in this course along with those cultural values and ideologies which perpetuate the discourse of differences. Contemporary studies of gender cross-culturally will enable an appreciation of the broad diversity in the application of gender constructs and their resultant cultural effects.
Prerequisite: ANTH-102C PSYC-103C or SOC-100C

## ANTH-339 Area Studies in Anthropology 3 Credits

This course is cross listed with HIST-339. Area Studies is an intensive examination of specific regions of the world. Each course gives a brief survey of the region with attention to cultural history, ethnicity, family structure, political organization, technology, social structure, ethnopsychology, economics and ideologies present within the region. Issues of cultural difference and commonality, regional minority subcultural groups, and the role that this region plays within "global" culture are also addressed. (This course may be repeated for credit.) Areas of study in the rotation may include: Latin America, Pacific Rim, Japan, Middle East, Oceania, East Asia, South East Asia, China, Korea, Northern Africa, Sub-Sahara Africa, Eastern Europe, Western Europe, North America, and North America Diaspora.
Terms Typically Offered: Spring.

## ANTH-343 Class,Race,Ethnicity \& Gender 3 Credits

This course focuses on the distribution of power and resources across racial and ethnic/cultural groups, class structure, and gender. Phenomenological, institutional, and structural aspects of prejudice and discrimination are examined using the matrix of domination (the intersection of attributes related to class, race, ethnicity and gender) to explore the life experiences of individuals.
Prerequisite: ANTH-102C; PSYC-103C; or SOC-100C

## ANTH-346 Human Sexuality 3 Credits

This course is cross listed with SOC-346 and PSYC-346. Human Sexuality provides an overview of human sexual anatomy, gender identify, sexual orientation and expression, and the ways that contexts affect sexual meanings. Must have junior or senior class standing.
Prerequisite: ANTH-102C, PSYC-103C or SOC-100C; must have Junior orSenior standing.
Terms Typically Offered: Fall and Spring.
ANTH-371 Urban Studies 3 Credits
This course is cross listed with SOC-371. A study of urban life with emphasis on its organization, unique functions, and problems.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C

## ANTH-375 Social Issues of Health and Wellness 3 Credits

This course is cross listed with SOC-375. Explores the social forces that shape the health and illness of populations, the changing social definitions of wellness and social expectations. This course examines the role of society and culture in wellness-related decision making and health-care delivery systems.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
ANTH-442 Globalization \& Development 3 Credits
This course is cross listed with SOC-442. Course considers anthropological approaches to the analysis of economic development and change, with special attention given to contemporary development concerns as perceived at the local level. The organization of large- and small-scale development organizations, including non-government organizations, in non-Western settings will also be examined. Class is also designed to meet the needs of students interested in participating in both overseas and domestic community/organizations/economic development.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C

## ANTH-450 Anthropology Teaching Internship 1-3 Credits

Students may be a teaching intern for classes they have previously taken. Regular hours each week for classes and/or meetings are established at the beginning of the semester. The intern will assist the instructor in course-related activities. May be repeated for a maximum of six units. 0 or above and the permission of the instructor.

## ANTH-453 Language,Culture/Linguistics 3 Credits

This course is cross listed with ENGL-453. This course surveys the acquisition and use of language within a cultural context. It examines the relationship of language to culture, language acquisition, and language analysis or linguistics, emphasizing the utility of such knowledge for educators. Stress is given to understanding language's reciprocal relation with culture, the nature of language systems, and linguistic analysis to enable educators a better comprehension of second language acquisition within learning environments.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: Spring.

## ANTH-455 Research Assistantship 1-4 Credits

The undergraduate research assistantship engages students in original research projects of the faculty or student's own design. Its aim is to apply those skills learned in prior research design and methodology coursework and/or expand on these as appropriate to the student's skill set. A research agenda will be developed with each student, which then becomes the guide for the class. May be repeated for credit.

ANTH-470 Special Topic in Anthropology 1-3 Credits
Study of a special topic in one of the fields of anthropology. May be repeated for credit.

## Sociology

## SOC-100 Intro to Sociology 3 Credits

An introduction to the study of society, considering the fundamental concepts of sociology in each of three great areas: social structure, social processes, and social problems. Sociology deals with the way individuals, groups, and institutions are related to one another. This course meets the Social Science requirement in the Professional Studies Program. (School for Professional Studies Course).

SOC-100C Introduction to Sociology 3 Credits
An introduction to the study of society, considering the fundamental concepts of sociology in each of three great areas: social structure, social processes, and social problems. Sociology deals with the way individuals, groups, and institutions are related to one another.
Terms Typically Offered: Fall and Spring.

## SOC-220 Marriage \& Family Social Conte 3 Credits

This course provides students with a sociological perspective of marriage and family living. Themes include: the social construction of gender and the consequences for relationships and social institutions; intimacy in family relationships; communication, conflict and stress in the family; the realities of parenting; integrating work and family life; separation divorce and remarriage; later life families. This course meets the Social Science requirement in the Professional Studies program. (School for Professional Studies Course).

## SOC-230 Social Problems 3 Credits

A selective sociological analysis of major problems confronting American society, discussion of individual and social disorganization, poverty, urbanization, deviancy, effects of mass media, and other issues. Prerequisite: Take ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.
SOC-258 Sociology of Sport \& Human Movement 3 Credits
This course is cross listed with KINE-258. This class will examine the historical and contemporary interpretations of the role of play, games, sports, dance, fitness, and recreation in a variety of cultures. This class will also address sociocultural issues such as gender, socioeconomic status, race and ethnicity in sport. This course is only offered odd years in the Fall.
Terms Typically Offered: Fall, odd years.

## SOC-265C Introduction to Behavioral Statistics 3 Credits

A course in basic statistical concepts and methods of collecting, summarizing, presenting, and interpreting data in the behavioral sciences; including descriptive statistics (use of graphs and charts), normal distribution curve, measures of central tendency, deviation and dispersion, hypothesis testing, statistical fallacies, correlation, and topics in probability. Students majoring in Psychology, Sociology or History/ Political Science must take PSYC-265C or SOC-265C to fulfill the core curriculum requirement in mathematics and the major requirement. Terms Typically Offered: Fall and Spring.
SOC-305 Criminology/Criminal Justice System 3 Credits
This is a survey course that introduces students to the motivations for criminal behavior and societal responses to them. Law, crime, and crime control will be presented as social phenomena that can be adequately understood only in terms of larger social and cultural contexts.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## soc-310 Introduction to Social Work 3 Credits

This course will introduce students to the profession of social work across a variety of contexts. Special attention will be given to the values supporting social work, areas/fields of practice, and the social functions filled by social workers.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-312 Death, Grief, and Loss 3 Credits

This course is cross-listed with PSYC-312. This course provides a comprehensive introduction to the study of death and dying. This course will discuss the intellectual, emotional, social, psychological, experiential and spiritual aspects of death and loss as part of one's personal discovery.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-317 Community Development 3 Credits

In this introduction to the field of community development we explore the historic roots of poverty and development as well as some of the key theories and methods in the field. We will explore the ingredients that connect communities and the ways in which communities can advocate for the design of programs and initiatives which reflect their needs and values. The course includes case studies from both local and international contexts. Out of this course, students will develop a specific assessment plan for a group in which they are interested.
Prerequisite: Take ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-320 Social \& Cultural Change 3 Credits

This course is cross-listed with ANTH-320. The study of change, its processes and consequences in non-Western and contemporary societies. Special emphasis will be given to cross-cultural change involving migrants, minorities, and religious contacts as well as change at the personal level.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-324 Social Psychology 3 Credits

This course is cross-listed with PSYC-324. An examination of interpersonal behavior as it is influenced by social processes, culture, face-to-face interactions, and personality characteristics; including interpersonal and group behavior in relationship to social values, norms, attitudes, roles, and social needs.
Prerequisite: SOC-100C or PSYC-103C
Terms Typically Offered: Fall and Spring.

## SOC-332 Marriage \& the Family 3 Credits

The institutions of marriage and the family are explored from the sociological perspective which emphasizes the influence of societal norms on human behavior and social structures. Commonly held conceptions of traditional marital forms and alternative forms of cohabitation both historical and modern are examined using the analytical tools of social science theory, research methods, and statistics. Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: Fall and Spring.

## SOC-334 Gender, Culture, and Society 3 Credits

This course is cross listed with ANTH-334. Gender as a social construction with powerful consequences is explored in this course along with those cultural values and ideologies which perpetuate the discourse of differences. Contemporary studies of gender cross-culturally will enable an appreciation of the broad diversity in the application of gender constructs and their resultant cultural effects.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-336 Managing Crisis 3 Credits

This course is cross-listed with PSYC-336. This course examines the phenomena of social crises and emergencies. It will examine Crisis Theory, response, coping skills and intervention methods. Implications for gender, race, social class, and diverse backgrounds will be explored in light of how those differences influence differing needs, norms, and ways of coping.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-337 Public Health 3 Credits

This course introduces the multifaceted discipline of public health. Students will consider current public health problems such as diabetes, infant mortality, the aging of the U.S. population and health inequalities. In addition, students will learn about the core functions and essential services of public health in both the U.S. and around the world.
Prerequisite: ANTH-102C, PSYC-103C or SOC-100C
Terms Typically Offered: On Demand.

## SOC-338 Child Welfare 3 Credits

The objective of this course is to provide students with an overview of Child Welfare practice and how it has shaped legislation, policy, advocacy and services for children and families in the United States. This course will also examine competencies, knowledge and skills that are essential for child welfare social workers to perform their work with children and families.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-343 Class, Race, Ethnicity \& Gender 3 Credits

This course is cross listed with ANTH-343. This course focuses on the distribution of power and resources across racial and ethnic/cultural groups, class structure, and gender. Phenomenological, institutional, and structural aspects of prejudice and discrimination are examined using the matrix of domination (the intersection of attributes related to class, race, ethnicity and gender) to explore the life experiences of individuals.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: Fall and Spring.

## SOC-345 Family Violence 3 Credits

This course is cross-listed with PSYC-344. Investigates the identification, causes, and prevention of all types of intrafamily abuse: child, spouse, sibling, and parent. Explores theories and research findings for practical application. Studies the sociocultural contexts in which abuse and violence occur. For students whose careers will bring contact with victims and/or perpetrators of family violence.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C. Sophomore standing or above.
Terms Typically Offered: On Demand.

## SOC-346 Human Sexuality 3 Credits

This course is cross-listed with ANTH-346 and PSYC-346. Human Sexuality provides an overview of human sexual anatomy, gender identify, sexual orientation and expression, and the ways that contexts affect sexual meanings. Must have junior or senior class standing.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C; must be Junior or Senior standing.
Terms Typically Offered: On Demand.

## SOC-349 Religion \& Society 3 Credits

The social structural approach to the study of religion, with particular emphasis on American society. Examines personal religious experience and expressions, structural forms, systemic relationships between religious systems and other social subsystems.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-355 Survey of Human Services 3 Credits

Survey of Human Services explores the ways in which care is provided for the whole individual, surveying community resources and developing an understanding of the ways in which human services are carried out in various settings. Ethical issues and the significance of a Christian worldview in human services are also examined.
Prerequisite: SOC-100C or PSYC-103C
SOC-357 Inside-Out-Jail Class 3 Credits
This class meets at the Orange County jail and provides an overview of the study of crime as a social phenomenon. It focuses on the perspectives, meanings of, theories about, correlates of, consequences from, and societal responses to crime. Students in this course will meet at the jail for class each week.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-362 Juvenile Delinquency \& Justice 3 Credits

The causes of juvenile delinquency are reviewed from a broad social systems perspective. Delinquent crimes, gang activity and violence are studied, as is the system of juvenile justice. Course is designed for those who will be working with juveniles.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-365 Sociological Theory 3 Credits

An introduction to the theorists and theoretical models which result from examination and analysis of our empirical world of social relations, social structures, and social institutions.
Prerequisite: SOC-100C
Terms Typically Offered: On Demand.
SOC-369 Research Design \& Methods 3 Credits
Examines the major qualitative and quantitative research methods used in applied Sociology. Particular emphasis will be given to design, preparation, and process of applied social research. Introduces students to various methods including unobtrusive observation, structured and unstructured interviewing, and survey research.
Prerequisite: SOC-265C and SOC-365
Co-Requisite: SOC-369L
Terms Typically Offered: On Demand.

## SOC-369L Research Design \& Methods Lab 1 Credit

Introduces students to computer software utilized by social researchers to compile, manage and analyze data as a product of research.
Co-Requisite: SOC-369
Terms Typically Offered: On Demand.

## SOC-371 Urban Studies 3 Credits

This course is cross listed with ANTH-371. A study of urban life with emphasis on its organization, unique functions, and problems.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-373 Deviant Behavior 3 Credits

Explores how societies decide what behaviors are deviant, how they attempt to prevent and/or correct deviance and the consequences to the offenders and the social structures in which they occur. Emphasis is given to research that describes deviance, theories which explain the social conditions contributing to the emergence and perpetuation of deviance, and the analysis of society's programmed efforts to resolve the problems deviance produces.
Prerequisite: ANTH-102, PSYC-103C or SOC-100C
Terms Typically Offered: On Demand.

## SOC-375 Social Issues of Health \& Wellness 3 Credits

This course is cross listed with ANTH-375. Explores the social forces that shape the health and illness of populations, the changing social definitions of wellness and social expectations. The course examines the role of society and culture in wellness-related decision making and health-care delivery systems.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-376 Immigration and Diversity 3 Credits

This course will discuss topics of immigration and demographic change as interconnected social phenomena and will explore different generational cohorts as social forces that contribute to suburbanization, American consumerism, the birth and rebirth of social movements and various subcultures.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-377 Migrants and Refugees 3 Credits

This course explores sociological explanations of migration to understand voluntary and involuntary movement of refugees and migrants. The course discussion includes the history of global refugee responses, immigration policies in the U.S. and its growing population of undocumented migrants and refugees, and global political instabilities and subsequent displacement of people from their places of security. The course aims to achieve deeper understanding of diversity embedded in migration stories, intended and unintended consequences of our reactions to refugee crises, and the social significance of development and globalization.
Prerequisite: ANTH-102C, PSYC-103C or SOC-100C
Terms Typically Offered: On Demand.
SOC-378 Prisons and Jails 3 Credits
Provides an overview of modern adult corrections, specifically probation, parole, incarceration, community-based corrections, and prevention programs. Includes survey of history, application and theory of punishment philosophies and practices. Studies contemporary correctional policies, practices, and issues.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-382 Mental Illness in Society 3 Credits

This course is cross-listed with PSYC-382. This course examines the distribution of mental illness throughout society, the social conditions of processes that contribute to mental illness and mental health, and the individual experience of being labeled and treated as mentally ill.
Prerequisite: ANTH-102C, PSYC-103C or SOC-100C
Terms Typically Offered: On Demand.

## SOC-442 Globalization \& Development 3 Credits

This course is cross listed with ANTH-442. Course considers social science approaches to the analysis of economic development and change with special attention given to contemporary development concerns as perceived at the local level. The organization of large- and small-scale development organizations, including non-government organizations, in non-Western settings will also be examined.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-450 Sociology Teaching Internship 1-3 Credits

Students may be a teaching intern for classes they have previously taken. Regular hours each week for classes and/or meetings are established at the beginning of the semester. The intern will assist the instructor in course-related activities. May be repeated for a maximum of six units. Must be Junior or Senior standing with a GPA of 3.0 or above and the permission of the instructor.
Terms Typically Offered: Fall and Spring.

## SOC-455 Sociology Research Assistantship 1-3 Credits

The student assistant will be assigned to work on various steps of the research process from the formulation of the problem through the analysis of the data and preparation of the research report in written and/ or oral formats. May be repeated for a maximum of six units.
Prerequisite: SOC-100C, SOC-369 and MATH-265C, SOC-265C, or PSYC-265C
Terms Typically Offered: On Demand.

## SOC-460 Field Practicum 1-4 Credits

Field experience in a social service agency such as an outpatient health facility, a community organization, or a social program. This course is controlled by the instructor and all field sites must be approved by the professor. The course instructor and the university manage the course requirements and responsiblities which may include a research paper, weekly journals, and various written assignments. The course requires weekly interaction between professor and student as well as training and preparation that are comparable with other courses within the major. Thirty hours of field experience will be required for each credit hour. Must take 3 units during the first semester. May be repeated for 1-4 units in a subsequent semester.
Prerequisite: SOC-369 and SOC-369L or permission of instructor Terms Typically Offered: Fall and Spring.

## SOC-462 Research Practicum 1-4 Credits

This course provides an in-depth research experience. Students work closely with a faculty mentor at all levels of the research process from the development of a conceptual framework and articulation of the research question to the creation of the research instrument, collection of data, and analysis of key findings. Students will submit an empirical research paper at the end of the term with the opportunity to present their research in a number of academic conferences and colloquia. Must take 3 units during the first semester. May be repeated for 1-4 units in a subsequent semester.
Prerequisite: SOC-365 and SOC-369
Terms Typically Offered: Fall and Spring.

SOC-470 Special Topic in Sociology 1-3 Credits
Study of a special topic in one of the fields of sociology. May be repeated for credit. Special topic courses are developed by faculty according to student interest and are offered periodically.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.
SOC-480 Individual Studies in Sociology 1-3 Credits
May be repeated for credit.

## SOC-490C Senior Seminar 3 Credits

This course is designed to serve as a rite of passage for graduating seniors. It particularly is intended to assist the student in integrating the multifaceted aspects of their educational experience with their short- and long-term life goals. This course fulfills the Core Curriculum Capstone requirement for Sociology majors.
Terms Typically Offered: On Demand.

## Criminology and Criminal Justice Minor

## Requirements

The minor in Criminology and Criminal Justice is intended to be an interdisciplinary course of study administered by the Department of Sociology. The minor is designed to provide students a theoretical and practical overview of the criminal justice field from the perspective of various disciplines.

The minor requires a total of 21 units. In completing the requirements for the minor, a minimum of 12 units must be distinct and different from the units used to complete the requirements of a major or another minor. Any units above this minimum requirement which can be used to satisfy the requirements for the minor and for the major may be doubled counted.

| Code | Title | Units |
| :--- | :--- | ---: |
| Required courses: |  |  |
| SOC-305 | Criminology/Criminal Justice System | 3 |
| SOC-317 | Community Development | 3 |
| SOC-373 | Deviant Behavior | 3 |
| Select five of the following: | 15 |  |
| POLS-370 | Constitutional Law |  |
| PSYC-383 | Addiction Studies |  |
| PSYC-460 | Field Practicum ${ }^{1}$ |  |
| SOC-345/ | Family Violence |  |
| PSYC-344 |  |  |
| SOC-357 | Inside-Out-Jail Class |  |
| SOC-362 | Juvenile Delinquency \& Justice |  |
| SOC/ | Urban Studies |  |
| ANTH-371 |  |  |
| SOC-378 | Prisons and Jails |  |
| SOC/ | Mental Illness in Society |  |
| PSYC-382 |  |  |
| SOC-460 | Field Practicum ${ }^{1}$ |  |
| SOC-462 | Research Practicum ${ }^{2}$ |  |
| SOC-470 | Special Topic in Sociology (Sociology of Drug Use) |  |


| SOC-470 | Special Topic in Sociology (Survey of Criminal <br> Justice) |
| :--- | :--- | :--- |
| SOC-470 | Special Topic in Sociology (Crime, Justice \& Law <br> Enforcement) |
| SOC-470 | Special Topic in Sociology (Criminal Organizations) |
| WJST-345 | Human Trafficking | | Other courses may count as an elective for the minor as they are |
| :--- |
| developed or as approved by the Sociology Department Chair. |
| Total Units |

1
This course is acceptable if the internship is in the criminal justice field. 2
This course is accepted if the research project is in the criminal justice field.

## Public Health Minor

## Requirements

The Public Health minor equips students to better understand the social issues that deeply influence health and wellness. Topics include social inequalities in health, culture change and social explanations for mental and physical health. Health care workers and policy makers increasingly recognize that a full understanding of these topics is essential for professionals that are working toward a healthier society.

The academic minor in Public Health requires a total of 21 credits from three categories. In completing the requirements for the minor, a minimum of 12 credits must be distinct and different from the units used to complete the requirements of a major or another minor. Any credits above this minimum requirements may be double counted.

| Code Tit | Title | Units |
| :---: | :---: | :---: |
| Required Courses |  | 6 |
| SOC-337 | Public Health |  |
| SOC-375 | Social Issues of Health \& Wellness |  |
| MICRO PERSPECTIVES |  |  |
| Select two of the fo | following courses: | 6 |
| KINE-422 | Ethics in Health Care |  |
| SOC/ PSYC-312 | Death, Grief, and Loss |  |
| SOC-324 | Social Psychology |  |
| SOC-343 | Class, Race, Ethnicity \& Gender |  |
| POLS-446 | Public Policy Issues |  |
| PSYC-470 | Special Topic: (Mental Health in the Latino Community) |  |
| SOC-470 | Special Topic in Sociology (Aging and Society) |  |
| MACRO PERSPECTIVES |  |  |
| Select three of the | following courses: | 9 |
| SOC-230 | Social Problems |  |
| SOC-317 | Community Development |  |
| SOC-320 | Social \& Cultural Change |  |
| SOC-371 | Urban Studies |  |


| SOC/ | Human Sexuality |
| :--- | :--- |
| PSYC-346 |  |
| SOC/ | Mental Illness in Society |
| PSYC-382 |  |
| SOC-442 | Globalization \& Development |

Total Units
Other courses may count as an elective for the minor as they are developed or as approved by the Chair for the Department of Sociology. Questions, contact the Department of Sociology.

## Social Work Minor Requirements

The minor in Social Work is intended to be an interdisciplinary course of study administered by the Department of Sociology. The minor is designed to provide students a theoretical and practical overview of the social work field from the perspective of various disciplines.

The minor requires a total of 21 units selected from seven categories. In completing the requirements for the minor, a minimum of 12 units must be distinct and different from the units used to complete the requirements of a major or another minor. Any units above this minimum requirement which can be used to satisfy the requirements for the minor and for the major may be double counted.

| Code | Title | Units |
| :--- | ---: | ---: |
| Required courses | 6 |  |

Required courses 6

| SOC-310 | Introduction to Social Work |
| :--- | :--- |
| SOC-343 | Class, Race, Ethnicity \& Gender |


| Social Structures: Select one of the following courses |  |
| :---: | :--- |
| POLS-446 | Public Policy Issues |
| SOC-230 | Social Problems |
| SOC-317 | Community Development |
| SOC-376 | Immigration and Diversity |
| SOC-377 | Migrants and Refugees |

Family: Select two of the following courses 6

SOC/ Death, Grief, and Loss
PSYC-312
SOC-332 Marriage \& the Family
SOC-334 Gender, Culture, and Society
SOC/ Managing Crisis
PSYC-336
SOC-338 Child Welfare
SOC-345/ Family Violence
PSYC-344
SOC-470 Special Topic in Sociology (Aging \& Society)
PSYC-221 Developmental Psychology
PSYC-373 Psychology of the Family
Health: Select one of the following courses
3
SOC-375 Social Issues of Health \& Wellness
SOC-337 Public Health

| SOC/ | Mental Illness in Society |  |
| :--- | :--- | :--- |
| PSYC-382 |  |  |
| SOC/ | Human Sexuality |  |
| PSYC-346 |  |  |
| PSYC-383 | Addiction Studies |  |
| WJST-435 | Human Trafficking Survivor Care | $\mathbf{3}$ |
| Your Choice: Select one course from any of the categories above |  |  |
| Other courses may count as an elective for the minor as they are <br> developed or as approved by the Sociology Department Chair. |  |  |
| Total Units | $\mathbf{2 1}$ |  |

## Sociology B.A.

## Requirements

Mission: The sociology major seeks to equip student scholars with the theoretical, methodological, substantive and practical tools necessary to investigate, understand and engage contemporary and future social life.

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements $(\mathrm{p} .62)^{1}$ | 44 |
| Major Core Requirements | $\mathbf{4 6}$ |
| Electives | $\mathbf{3 0}$ |
| Total Units | $\mathbf{1 2 0}$ |

## Sociology Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Lower Division: |  | 3 |
| ANTH-102C | Intro to Cultural Anthropology | 3 |
| SOC-100C | Introduction to Sociology |  |
| SOC-265C | Introduction to Behavioral Statistics |  |
| Upper Division: |  | 3 |
| Select 19 units from the following: | 19 |  |
| SOC-332 | Marriage \& the Family |  |
| SOC-343 | Class, Race, Ethnicity \& Gender |  |
| SOC-365 | Sociological Theory |  |
| SOC-369 | Research Design \& Methods |  |
| SOC-369L | Research Design \& Methods Lab |  |
| SOC-460 | Field Practicum ${ }^{2}$ |  |
| SOC-462 | Research Practicum 2 |  |
| SOC-490C | Senior Seminar |  |
| Electives |  |  |
| Select 18 units of the following: |  |  |
| SOC-230 | Social Problems |  |
| SOC-258 | Sociology of Sport \& Human Movement |  |
| SOC-305 | Criminology/Criminal Justice System |  |
| SOC-310 | Introduction to Social Work |  |
| SOC-312 | Death, Grief, and Loss |  |
| SOC-317 | Community Development |  |
| SOC-320 | Social \& Cultural Change |  |
| SOC-324 | Social Psychology |  |


| SOC-334 | Gender, Culture, and Society |
| :--- | :--- |
| SOC-336 | Managing Crisis |
| SOC-337 | Public Health |
| SOC-338 | Child Welfare |
| SOC-345 | Family Violence |
| SOC-346 | Human Sexuality |
| SOC-349 | Religion \& Society |
| SOC-357 | Inside-Out-Jail Class |
| SOC-362 | Juvenile Delinquency \& Justice |
| SOC-371 | Urban Studies |
| SOC-373 | Deviant Behavior |
| SOC-375 | Social Issues of Health \& Wellness |
| SOC-376 | Immigration and Diversity |
| SOC-377 | Migrants and Refugees |
| SOC-378 | Prisons and Jails |
| SOC-382 | Mental Illness in Society |
| SOC-442 | Globalization \& Development |
| SOC-450 | Sociology Teaching Internship |
| SOC-455 | Sociology Research Assistantship |
| SOC-470 | Special Topic in Sociology |
| SOC-480 | Individual Studies in Sociology |
| Total Units |  |

1
Number of units required from the Core Curriculum not included in the major requirements below.

2
Students in Sociology undertake a senior project either through Research Practicums or Field Practicums. Students in Research Practicum will conduct empirical studies and will present the findings in professional or student conference contexts. Students in Field Practicum will have guided exposure to networking and hands-on internship experience. Students completing Field Practicum are encouraged to participate in poster sessions at the Department's annual Undergraduate Colloquium.

An exit interview and exam are required of all graduating seniors. The exit exam is designed to assess the mastery of concepts, principles and knowledge expected of students at the conclusion of the sociology major.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Sociology.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office
(studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| ENGL-120C | Persuasive Writing | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
| SOC-100C | Introduction to Sociology | 3 |
| HIST-PLCR1 | History Core Req (US Hist Or Democracy) | 3 |
| THEO-PLHD | Theology Core Requirement | 3 |
|  | Units | $\mathbf{1 6}$ |
| Year 1 Term 2 |  | 3 |
| NT-101C | New Testament Survey | 3 |
| ANTH-102C | Intro to Cultural Anthropology | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | $\mathbf{1 5}$ |


| Year 2 Term 1 |  |  |
| :--- | :--- | ---: |
| ENGL-220C | Researched Writing | 3 |
| OT-201C | Old Testament Survey | 3 |
| SOC-332 | Marriage \& the Family | 3 |
| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
| SOC-PLHD3 | Sociology Elective 3 Units | 3 |
|  | Units | $\mathbf{1 6}$ |

Year 2 Term 2

| SOC-343 | Class, Race, Ethnicity \& Gender | 3 |
| :--- | :--- | ---: |
| ENGL-230C | Literature and the Human Experience | 3 |
| SOC-PLHD3 | Sociology Elective 3 Units | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| SOC-265C | Introduction to Behavioral Statistics | 3 |
|  | Units | $\mathbf{1 5}$ |

Year 3 Term 1
SOC-365 Sociological Theory 3
THEO-300C Developing a Christian World View 3
SOC-PLHD6 Sociology Elct 6 Units 6

| ELCT-PLHD3A | General Elective 3 Units | 3 |
| :--- | :--- | ---: |
|  | Units | $\mathbf{1 5}$ |

## Year 3 Term 2

| SOC-369 | Research Design \& Methods | 3 |
| :--- | :--- | ---: |
| SOC-369L | Research Design \& Methods Lab | $\mathbf{1}$ |
| ELCT-PLHD6 | Electives 6 Units | 6 |
| SOC-PLHD6 | Sociology Elct 6 Units | $\mathbf{6}$ |
|  | Units | $\mathbf{1 6}$ |

Year 4 Term 1

| SOC-490C | Senior Seminar | 3 |
| :--- | :--- | ---: |
| ELCT-PLHD6 | Electives 6 Units | 6 |
| SOC-PLPR | Sociology Practicum | $\mathbf{3}$ |
| CHIS-400C | Christian Heritage | $\mathbf{3}$ |
|  | Units | $\mathbf{1 5}$ |

Year 4 Term 2
ELCT-PLHD12 Electives 12 Units 12

| Units | 12 |
| :--- | ---: |
| Total Units | 120 |

## Sociology Minor Requirements

The academic minor in Sociology requires that at least half of all units be taken at Vanguard University. In completing the requirements for the minor, a minimum of 12 units must be distinct and different from the units used to complete the requirements of a major or another minor. Any units above this minimum requirement which can be used to satisfy both the requirements for the minor and for the major may be double counted. Questions, contact the Department of Sociology.

| Code | Title | Units |
| :--- | :--- | ---: |
| SOC-100C | Introduction to Sociology | 3 |
| SOC-343 | Class, Race, Ethnicity \& Gender | 3 |
| Electives in Sociology* | $\mathbf{1 5}$ |  |
| Total Units | $\mathbf{2 1}$ |  |
| *SOC-450 Teaching Assistantship does not count as an elective for the |  |  |
| Sociology Minor. |  |  |

## School for Professional Studies

Renea Brathwaite, Ph.D., Dean
The School for Professional studies offers certificates and undergraduate programs to non-traditional undergraduate students in classroombased (residential), distance learning (online), and blended formats year round. The School for Professional is committed to providing students with a broad education in the liberal arts and expertise in an academic major in business, early childhood education, nursing, psychology, and theology. This education supports Vanguard University's mission to pursue knowledge, cultivate character, deepen faith, and equip each student for a Spirit-empowered life of Christ-centered leadership and service.

Academic majors housed in The School for Professional Studies are listed below within their respective divisions. Academic majors typically have several options for minors, concentrations, and emphases. A petition for an academic minor, concentration, or emphasis must be filed with the Registrar's Office.

## Division of Arts, Education and Humanities

The Early Childhood program is offered in a distance learning (online) format only.

- Early Childhood B.A. (p. 124)
- Early Childhood B.A. with a Concentration in Special Education (p. 126)
- Early Childhood B.A. with a Concentration in STEM/STEAM (p. 127)
- Early Childhood Certificate (p. 127)
- Transitional Kindergarten Certificate (p. 128)


## Division of Business and Communication

The Business Administration and Management programs are both offered in residential (on-campus) and distance learning (online) formats.

- Business Administration B.A. (p. 171)
- Management B.A. (p. 174)


## Division of Natural, Physical and Health Sciences

- Nursing B.S.N. (RN to BSN) (p. 240)


## Division of Social and Behavioral Sciences

The Psychology program is offered in both residential (on-campus) and distance learning (online) formats.

- Psychology B.A. (p. 281)


## Division of Theology

The Theology programs are offered in both residential (on-campus) and distance learning (online) formats. The Anti-Human Trafficking Certificate is offered in a distance learning (online) format only.

- Anti-Human Trafficking Certificate (p. 314)
- Theology B.A. with a Concentration in Ministry and Leadership (p. 326)


## Department of Psychology


#### Abstract

Mission: The Department of Psychology seeks to enhance students' understanding of human nature proceeding from a Christian understanding of humans created in the image of God. The psychology major explores multiple perspectives of human nature, including cognitive, behavioral, biological, social-cultural, and spiritual. All students learn the skills necessary to conduct research and to evaluate carefully others' research, with the goal of increasing students' understanding of human nature. Students interested in counseling are introduced to basic theories and methods relevant to providing counseling services. The psychology major prepares students either to secure employment immediately following graduation or to continue on to pursue advanced study in psychology or counseling at the graduate level.


Both a major and a minor in Psychology are offered through the Professional Studies Psychology Department. Courses are offered both on-ground and online.

Undergraduate students at Trinity Bible College (TBC) may complete a Dual Degree program, earning both a BA in Biblical Studies from TBC and a BA in Psychology from Vanguard University. Vanguard University is accredited by WASC Senior College and University Commission of the United States of America. Trinity Bible College is accredited by the Association of Biblical Higher Education (ABHE).

## Program Learning Outcomes Program Learning Outcomes

1. Apply principles of cognitive, behavioral, biological, socio-cultural, and spiritual perspectives on human nature to practical issues such as personal, social and/or organizational issues.
2. Apply core principles of empirical research, including research design, data analysis, and interpretation, to critically evaluate scholarly research.
3. Practice professional ethics (as defined by American Psychological Association), cultural competency, and citizenship with the focus on core principles of beneficence, responsibility, integrity, justice, and respect.
4. Develop oral and written products that demonstrate information literacy skills in established scientific format (APA).
5. Apply psychological knowledge, skills and values to various careers and/or postgraduate study.
6. Integrate Christian worldview with knowledge of psychology.

## Programs Major:

- Psychology B.A. (p. 281)


## Minor:

- Human Development Minor (p. 281)


## Courses

PSYD-214 Researched Writing/Psyc Majors 3 Credits
This course focuses on the process of writing in APA style. Students will be taught how to read and comprehend research in psychology and to write research papers from a place of understanding the context, process, and audience for research writing. This course also serves as an introduction to the major, informing students of scholastic expectations and of opportunities within their undergraduate experience. Additionally, students will be guided in thinking about and moving toward future educational and career pursuits. Must be passed with a "C" (not "C-") or better to fulfill the GE English Composition requirement. (School for Professional Studies Course).
Terms Typically Offered: Fall.

## PSYD-221 Developmental Psychology 3 Credits

An exploration of human development through the biological behavioral, cognitive, sociocultural, and spiritual perspectives in a lifespan approach (from conception through death). This course is recommended early in the major and is a prerequisite for other psychology courses. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-366 OR PSYC-103/103C Terms Typically Offered: Fall.

## PSYD-265 Intro to Statistical Methods 3 Credits

A course in basic statistical concepts and methods of collecting, summarizing, presenting, and interpreting data in the behavioral sciences: including descriptive statistics (use of graphs and charts), normal distribution curve, measures of central tendency, deviation and dispersion, hypothesis testing, statistical fallacies, correlation and topics in probability. Students are advised to take Math 105 and Math 109 in preparation for this course. (School for Professional Studies Course). Terms Typically Offered: Fall and Summer.

## PSYD-321 Adolescent Psychology 3 Credits

A study of the period of life from puberty to the emergence from the teens, emphasizing the physical, mental, emotional, social, spiritual, and personality development of the individual. Diversity issues are considered. (School for Professional Studies Course).
Prerequisite: Take PSYC-103, PSYD-366, OR PSYC-103C
Terms Typically Offered: Fall and Spring.

## PSYD-340 Biological Psychology 3 Credits

A study of human behavior in terms of the nervous system and its control of the activity of the muscles, glands, and the biochemistry of the body, with special emphasis on perception, sensory and motor functions, motivation, emotion, learning, and memory. Neurological impairment and disorders are examined.
Prerequisite: MUST COMPLETE: PSYD-366 OR PSYC-103/103C
Terms Typically Offered: Spring.
PSYD-352 Industrial/Organizational Psyc 3 Credits
Investigate how general psychological knowledge from the areas of personality, assessment, cognitive, and social psychology can be applied and further developed in organizational contexts. Issues such as matching jobs and individuals, training, performance evaluation, stress, leadership, and development are discussed in the context of multilevel cultural influences, from organizational cultures to global business demands. (meets Social Science requirement). (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYC-103C
Terms Typically Offered: Spring.
PSYD-367 Writing and Research Skills 3 Credits
Designed to introduce students to the advanced skills needed for academic writing in the social sciences. Students will also be introduced to advanced academic research techniques. *This course must be passed with a " $C$ " or better to fulfill requirements for graduation. A student receiving a "C-" or lower must retake the course to earn the required grade for graduation.

PSYD-368 Survey of Human Services 3 Credits
Explores the ways in which care is provided for the whole individual, surveying community resources and developing an understanding of the ways in which human services are carried out in various settings. Ethical issues in human services practice are also examined. Each student will identify an appropriate human service agency for a field practicum placement and will develop a plan to meet the requirements for Field Practicum.
Prerequisite: Must Complete PSYD-367 and PSYD-366 or PSYC-103/103C Terms Typically Offered: Fall.

## PSYD-372 Adulthood and Aging 3 Credits

Examines the physical, cognitive, social and emotional adjustments of adult life from adulthood through death. Focuses on the process of development rising from physical aging, continuing socialization and environmental changes involved in these life phases. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-366 or PSYC-103C/103
Terms Typically Offered: Spring.

## PSYD-373 Psychology of the Family 3 Credits

Explores the institution of the family from a multigenerational developmental perspective. Psychological, socio-cultural, and spiritual perspectives are also explored. Students will be introduced to family systems theory as a method of understanding family dynamics and to theoretical orientations of family therapy. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-366 or PSYC-103/103C
Terms Typically Offered: Spring.

## PSYD-375 Understanding Research Design 3 Credits

Provides an introduction to research design, including purposes and procedures of descriptive, quasi-experimental, and experimental research. Literature review strategies and writing of APA-style research papers will be covered. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-265, PSYD 367 and PSYD-366 or PSYC-103C
Terms Typically Offered: Spring.

## PSYD-420 Behavior Modification 3 Credits

Examines the applications of cognitive and learning theories to a broad range of problems and settings, including child rearing, education, psychotherapy, and industrial settings. Integration of theological aspects of therapy is also addressed. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-366 or PSYC-103/103C Terms Typically Offered: Fall.

## PSYD-432 Social/Cultural Psychology 3 Credits

Examines interpersonal behavior as it is influenced by social processes, culture, face-to-face interactions, and personality characteristics. Among the topics covered are interpersonal and group behavior in relationship to social values, diversity issues, norms, attitudes, roles, and social needs. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-366 AND PSYD-367
Terms Typically Offered: Fall.

## PSYD-434 Group Dynamics 3 Credits

Introduces students to various types of groups used in clinical settings and to the theoretical orientations commonly utilized in group practice. The stages of group work, leadership skills, and work with special populations are explored. Students are introduced to ethical issues, and multicultural issues that apply to group work.
Prerequisite: MUST COMPLETE: PSYD-366 or PSYC-103C/103 Terms Typically Offered: On Demand.

## PSYD-436 Psychological Disorder 3 Credits

A study of psychological disorders using a biopsychosocial perspective. Course includes description, patterns of development, assessment, and treatment methods
Prerequisite: PSYD-366 PSYC-103 or PSYC-103C;
Terms Typically Offered: Spring.
PSYD-449 Cognitive Psychology 3 Credits
Addresses the study of human cognitive processes including perception, memory, problem solving, thinking, and hemispheric specialization. Cognitive aspects of psychological and learning disorders are also addressed. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-366 or PSYC-103/103C
Terms Typically Offered: Fall.
PSYD-460 Field Practicum 3 Credits
Students apply concepts learned in the major as a student intern/ volunteer at a human services agency or research facility. All practicum sites must be approved by the Field Practicum Coordinator for the PS Psychology major prior to beginning the practicum. Students accrue hours over the course of the program; hours must be completed by the start date of the course. Students will accrue a minimum of 90 hours for 3 units of course credit. Coursework includes a written and oral presentation. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-366 or PSYC-103/103C
Terms Typically Offered: Spring.
PSYD-462 Counseling Theories 3 Credits
Studies the various theoretical approaches to counseling, the personhood of the counselor, and ethical issues in clinical practice. Major counseling theories are introduced by covering key concepts, the nature of the therapeutic relationship, and techniques associated with each theory. The worldview underlying each theory is examined as it relates to a Christian worldview, and the integration of biblical principles in counseling theories is introduced. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-366 or PSYC-103/103C Terms Typically Offered: Spring.
PSYD-465 Field Education for Psy Majors 1-5 Credits
Students apply concepts learned in the major as a student intern/ volunteer at a human services agency or research facility. This course allows students to earn credit for additional field experience beyond PSYD 460; 30 hours of field experience will be required for each credit hour. Students may register for from 1-5 units of credit. (School for Professional Studies Course).
Pre- or Co-Requisite: PSYD-460
Terms Typically Offered: Spring.

## PSYD-470 Special Topic: 1-3 Credits

Study of a special topic in psychology. May be repeated for credit. (School for Professional Studies Course).
Terms Typically Offered: On Demand.

PSYD-477 Psychology and Christianity 3 Credits
Examines human nature from the perspective of psychology and Christian belief. The major approaches to the integration of psychology and Christianity will be examined, utilizing a range of issues such as the relationship between mind, body, and soul; the nature of human freedom; Christian prayer; conversion; the relationships between people's attitudes and their behavior; and contemporary Christian counseling and pastoral care. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-367 and PSYD-366 or PSYC-103/103C
Terms Typically Offered: Spring.

## Human Development Minor Requirements

Twenty-one (21) units are required in accordance with the guidelines indicated below. Courses should be chosen in consultation with the Student Success Coordinator and/or Program Chair. Please refer to the course descriptions to see necessary prerequisites. A minimum of 12 units must be taken at Vanguard University.

| Code | Title | Units |
| :--- | :--- | ---: |
| PSYC-103 | Introduction to Psychology | 3 |
| PSYD-265 | Intro to Statistical Methods | 3 |
| PSYD-367 | Writing and Research Skills | 3 |
| PSYD-436 | Psychological Disorder | 3 |
| Select one from the following recommended courses to fulfill one of | 3 |  |

the electives:

| PSYD-420 | Behavior Modification |
| :--- | :--- |
| PSYD-340 | Biological Psychology |

Remaining courses (6 upper or lower division units) should be 6
chosen in consultation with the Student Success Coordinator for Psychology.
Total Units

## Psychology B.A. <br> Requirements

NOTE : The academic program requirements listed below for this accelerated program are based the student transferring in previous coursework and/or has already received an Associates Degree in Psychology. Questions, contact the Chair for this academic program.

| Code $\quad$ Title | Units |
| :--- | ---: |
| General Educational Core Requirements $(\mathrm{p} .65)^{1}$ | 34 |
| Major Core Requirements | 51 |
| Electives | $\mathbf{3 5}$ |
| Total Units | $\mathbf{1 2 0}$ |
| $\mathbf{1}$ |  |

General education requirements not included in major requirements below.

Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Lower Division Requirements |  |  |
| PSYC-103 | Introduction to Psychology | 3 |
| PSYD-214 | Researched Writing/Psyc Majors | 3 |
| PSYD-221 | Developmental Psychology | 3 |
| PSYD-265 | Intro to Statistical Methods | 3 |
| Upper Division Requirements |  |  |
| PSYD-340 | Biological Psychology | 3 |
| PSYD-368 | Survey of Human Services | 3 |
| PSYD-373 | Psychology of the Family | 3 |
| PSYD-375 | Understanding Research Design | 3 |
| PSYD-420 | Behavior Modification | 3 |
| PSYD-432 | Social/Cultural Psychology | 3 |
| PSYD-434 | Group Dynamics | 3 |
| PSYD-436 | Psychological Disorder | 3 |
| PSYD-449 | Cognitive Psychology | 3 |
| PSYD-460 | Field Practicum | 3 |
| PSYD-462 | Counseling Theories | 3 |
| PSYD-477 | Psychology and Christianity | 3 |
| One additional upper division psychology elective | 3 |  |
| Total Units |  | 51 |

## Multi Year Plan

Disclaimer: This sample Multi-Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Psychology or School for Professional Studies.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-110 | Vanguard Foundations of College Writing I | 3 |
| ENGL-115 | Foundations for College Writing II | 3 |
| ENGL-220 | Researched Writing | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | $\mathbf{1 2}$ |
| Year 1 Term 2 |  | 3 |
| ENGL-230 | Literary Perspectives | 3 |
| ELCT-PLHD3A | General Elective 3 Units | $\mathbf{3}$ |
| REML-PLHD | SPS Theology Requirement | $\mathbf{9}$ |
|  | Units | 3 |
| Year 1 Term 3 |  | 3 |


| ELCT-PLHD3A | General Elective 3 Units | 3 |
| :---: | :---: | :---: |
|  | Units | 9 |
| Year 2 Term 1 |  |  |
| SOCS-PLPSCR | PS Social Science Core Requirement | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
| MATH-PLMASCI | PS Math/Science Core Requirement | 3 |
|  | Units | 9 |
| Year 2 Term 2 |  |  |
| HUMA-PLPSCR | PS Humanities Core Req | 3 |
| SOCS-PLPSCR | PS Social Science Core Requirement | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | 9 |
| Year 2 Term 3 |  |  |
| HUMA-PLPSCR | PS Humanities Core Req | 3 |
| SOCS-PLPSCR | PS Social Science Core Requirement | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | 9 |
| Year 3 Term 1 |  |  |
| PSYD-367 | Writing and Research Skills | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | 6 |
| Year 3 Term 2 |  |  |
| PSYD-368 | Survey of Human Services | 3 |
| PSYD-372 | Adulthood and Aging | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | 9 |
| Year 3 Term 3 |  |  |
| PSYD-265 | Intro to Statistical Methods | 3 |
| PSYD-432 | Social/Cultural Psychology | 3 |
| PSYD-373 | Psychology of the Family | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | 12 |
| Year 4 Term 1 |  |  |
| PSYD-434 | Group Dynamics | 3 |
| PSYD-375 | Understanding Research Design | 3 |
| PSYD-436 | Psychological Disorder | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | 12 |
| Year 4 Term 2 |  |  |
| PSYD-340 | Biological Psychology | 3 |
| PSYD-449 | Cognitive Psychology | 3 |
| PSYD-462 | Counseling Theories | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | 12 |
| Year 4 Term 3 |  |  |
| PSYD-477 | Psychology and Christianity | 3 |
| PSYD-460 | Field Practicum | 3 |


| PSYD-420 | Behavior Modification | 3 |
| :--- | :--- | ---: |
|  | Units | 9 |
| Total Units | 117 |  |

## Graduate Programs

The Graduate Programs at Vanguard University offers certificates and academic degrees that are offered in a classroom-based (residential), distance learning (online), and blended formats during a two-semester academic year and in Summer sessions. The Graduate Programs are committed to providing students with a broad education and expertise in an academic major clinical psychology, education, nursing, organizational psychology, and theology. This education supports Vanguard University's mission to pursue knowledge, cultivate character, deepen faith, and equip each student for a Spirit-empowered life of Christ-centered leadership and service. Emphasis is placed on the application of an academic discipline to an integrated Christian faith and life as it is lived in vocation, service, and graduate studies.

Graduate Programs offered at Vanguard University are listed below within their respective divisions. Academic majors typically have several options for minors, concentrations, and emphases. A petition for an academic minor, concentration, or emphasis must be filed with the Registrar's Office.

## Division of Arts, Education and Humanities

- California Preliminary Credential Program (p. 136)
- Education M.A. (p. 138)
- Teacher Advancement Program (p. 140)

The Teacher Advancement Program courses are designed to provide current teachers with continuing education to increase their knowledge and effectiveness in the classroom. This is for professional development purposes only and is not associated with an academic degree offered through Vanguard University.

## Division of Natural, Physical and Health Sciences

- Biotechnology B.S./M.S. (4+1) (p. 251)
- Biotechnology M.S. (2Yr) (p. 253)
- Nursing M.S.N. (p. 246)
- Nursing R.N to M.S.N. (p. 247)
- Post-Master's Clinical Nurse Specialist Certificate (p. 248)
- Post-Master's Psych/Mental Health Nurse Practitioner (PMHNP) (p. 248)


## Division of Social and Behavioral Sciences

- Clinical Psychology M.S. (p. 290)
- Graduate Certificate in Intercultural and Inclusive Leadership (p. 298)
- Graduate Certificate in Organizational Consulting (p. 298)
- Graduate Certificate in Talent Development and Organizational Analysis (p. 298)
- Industrial-Organizational Psychology M.S. (p. 299)
- Organizational Psychology M.A. (p. 300)


## Division of Theology

- Anti-Human Trafficking Certificate (p. 314)
- Leadership Studies M.A. (p. 337)
- Theology M.A. (p. 345)


## Graduate Program in Clinical Psychology

Mission: The Graduate Program in Clinical Psychology equips students to serve with excellence as Christian mental health professionals by providing the highest quality of rigorous academic training, guided professional development, and integrative faith based learning in a collaborative and supportive environment.

## Academic Foundation

The academic foundation for the Graduate Program in Clinical Psychology is an intellectual understanding that God expects our best. Therefore, we strive to be consistent in the excellence and quality of the academic regime. Vanguard University is accredited by the WASC Senior College and University Commission (WSCUC).

Successful completion of the Master of Science in Clinical Psychology degree will prepare students for numerous options. The degree fulfills all academic requirements that are set forth by the California Board of Behavioral Sciences for licensure as a Marriage and Family Therapist (MFT) (Business and Professions Code of California Section 4980.36). The program also offers additional coursework for students interested in licensure as an MFT and/or a Professional Clinical Counselor (PCC or LPCC). With this additional coursework, the degree also fulfills all academic requirements that are set forth by the California Board of Behavioral Sciences for both licenses (Business and Professions Code of California Section 4980.36 and 4999.33).

Students desiring MFT or PCC licensure must complete additional hours after graduation and successfully pass the state licensing exams.

The degree will also allow a competitive application to doctoral programs in clinical psychology, marriage and family therapy, counseling and education.

## Theological Foundation

The theological foundation for the Graduate Program in Clinical Psychology is a Christian understanding of God, human nature, families, relationships, and God's redeeming compassion for humankind. The redeeming compassion of God infuses grace, hope and insight into the counseling encounter. Redemption signals the truth that people are capable of change through outside intervention if that assistance is accepted, internalized and experienced in their daily lives. Counseling is designed to tilt the scales in favor of a client experiencing the redemptive side of life despite the reality of human brokenness.

## Professional Foundation

The professional foundation for the Graduate Program in Clinical Psychology is a practical understanding of the ethical, legal, economic and educational requirements necessary in order to pursue a clinical, counseling, or academic career. The graduate experience is designed not only to help students learn more about psychology in order to fulfill their desire to counsel people in need, but also to begin their own professional development. The curriculum is designed to enable students to work in secular as well as religious settings.

## Admissions Information

## Application Process and Deadlines

Information about the application process and deadlines can be found in the Graduate Studies section of the catalog or online at http:// www.vanguard.edu/admissions/graduate/how-to-apply (http:// www.vanguard.edu/admissions/graduate/how-to-apply/)

## Felony Implications

Note that licensing and certification agencies typically have regulations denying licensure or certification to anyone who has been convicted of a felony, most especially one which reflects an offense which would be a cause for disciplinary action if committed by one already holding the license. Please contact the licensing board in the state in which you plan to license for clarification of how a conviction may affect licensing. This clarification should be done before the application for admission to this program is submitted.

## Admission Requirements

- Completed Bachelor's degree from a regionally accredited college or university. (Applicants from an institution accredited by the American Association of Bible Colleges will be evaluated on an individual basis.)
- Application and Application Fee
- Three Letters of Recommendation and Reference Forms
- Official Transcripts
- Autobiographical Statement
- Statement of Faith
- Statement of Purpose
- Resume/Curriculum Vitae
- No minimum GPA is required, but 3.0 is preferred

The Graduate Record Exam (GRE) is not required for admission into the graduate program and is not considered in evaluating applications.

## Prerequisites

Required prerequisite courses:

- Bachelors degree in Psychology or all of the following:
- Introduction to Statistics
- Psychopathology or Abnormal Psychology
- Developmental Psychology or Human Development
- Theories of Personality or Counseling Theories

Prerequisite courses for the Graduate Program in Clinical Psychology are selected to enable all students to enter with a similar foundational
background and to have the best opportunity to succeed. It is required that all prerequisite courses have been completed with a grade of B - or better.

## Transfer of Credits

Students transferring from an accredited graduate program may transfer a maximum of six (6) semester unit hours when the courses transferred are equivalent and have direct applicability to the student's program design. A transfer request must be approved by the Director of the Graduate Program in Clinical Psychology prior to admission. This transfer policy applies only to students in Regular Standing at the time of their admission.

## Tuition Scholarships

Grad Academic Scholarship
Available to graduate students who are enrolled at least half time demonstrating a 3.5 or higher GPA. If the Cumulative GPA is below all academic categories, the student will no longer be eligible for an academic award in subsequent years. Click here to learn more information on grants and scholarships (https://www.vanguard.edu/ admissions/financial-aid/grants-and-scholarships/).

## Graduate Psychology Services

The Graduate Program in Clinical Psychology is housed within a professional building with space designed exclusively for our graduate students and with graduate learning in mind. The space includes offices for the program faculty and staff; comfortable classrooms appropriate for adult learners; therapy training room; a computer lab; and a student lounge with kitchen and patio.

Resources that are maintained within our facility and are available exclusively to our students include psychological assessment tools, videos, computer software, and a collection of psychology and counseling references including books and access to electronic journals.

## Academic Policies

Information about Academic Policies which apply to all graduate students can be found in the Graduate Studies section of the catalog. Information specific to students in the Graduate Clinical Psychology program can be found below.

## Course Registration and Schedule Changes

Please see the Graduate Studies section of the Catalog or information posted online for the policies and procedures concerning course registration. On campus and online tracks are separate and students on each track are guaranteed priority registration in their format. Registration across formats or switching between on campus and online tracks is only possible with the permission of the program.

## Classification of Students <br> REGULAR STANDING

Students who meet all of the requirements for entrance into the program and who are admitted without reservation, are granted Regular Standing in the Graduate Program in Clinical Psychology.

## PROVISIONAL STANDING

Students who intend to obtain a Master of Science degree in Clinical Psychology but have not met all of the admission requirements of the program may be eligible for admission as a student with Provisional Standing. Such admission is at the discretion of the Graduate Program in Clinical Psychology. Move to Regular Standing will be considered after all undergraduate course prerequisites are completed with a letter grade of "B-" or better and/or after demonstrating the ability to do graduate level work by completing nine (9) units with a "B" or better letter grade in each course.

After successfully meeting the requirements for Regular Standing, students will be moved to Regular Standing. If they have failed to successfully meet the requirements, they will be recommended for dismissal.

## PROBATIONARY STANDING

Students are placed in Probationary Standing for academic and/or for professional/clinical reasons. Students may be in Probationary Standing for one semester only. If after one semester of Probationary Standing the student is not able to regain Regular Standing they may be dismissed from the graduate program. Students with Probationary Standing should meet with their faculty advisor regularly through the probationary semester.

## Academic Probation

Students admitted to the graduate program with Regular Standing who later receive a cumulative grade point average below 3.0 will be changed to Probationary Standing. Students with such standing must obtain both a cumulative and current grade point average of 3.0 or greater the following semester. If after one semester of Probationary Standing the student is not able to obtain a grade point average of " $B$ " or better (3.0) they will be recommended for dismissal. The likelihood of dismissal significantly increases if the student has received one or more grades of "C" or below.

Students on academic probation may not register for more than six units during the probation period. A student's official transcript may reflect academic probation following any full semester in which a student's cumulative grade point average drops below a " $B$ " average (3.0). This academic standing will remain in place unless the student receives a change of grade prior to the end of the withdrawal period of the following semester.

Academic probation will continue for the student until the current and cumulative GPA's are raised to 3.0 or higher.

## Professional/Clinical Probation

Students admitted to the graduate program with Regular Standing, who later do not maintain satisfactory clinical or professional performance in departmental or practicum related activities may be placed on Probationary Standing. The student must meet with their advisor to discuss the requirements necessary to achieve satisfactory clinical performance and to regain Regular Standing. For more information please see "Continuation in Program" in "Program Policies." If satisfactory clinical performance cannot be achieved the student may be dismissed from the program.

## Classification and Financial Aid

Regular Standing students may be eligible for full institutional or federal aid. Provisional and Probationary Standing students may be eligible for partial federal aid.

## Grade Requirements

Since graduate courses generally require more time than undergraduate courses, students should enroll for a reasonable course load for each semester. Students in the Master of Science Degree program must maintain a cumulative grade point average of at least " $B$ " (3.0) throughout the program. Failure to do so will result in being either placed on Probationary Standing or dismissed from the program.

Any grade below "B-" is below minimal performance (unsatisfactory) in the program and indicates that improvement is required in order to complete the M.S. degree. The minimum grade that may be applied toward the Master of Science in Clinical Psychology degree is a "C". Grades of "C-" and below cannot be used toward the Master of Science degree except by repeating the course with a satisfactory grade and students are required to repeat the course as soon as the course is offered in subsequent terms. Should a student need to repeat more than one course, the program can decide which course(es) must be repeated. A course cannot be repeated in the program more than twice.

Students who receive a grade which is below a "B-" will be required to meet with the Director to determine whether or not they should continue in the program. A second course grade that is below a "B-" may result in being recommended for dismissal.

## Continuation in the Program

In addition to meeting academic standards for graduation, students are expected to meet generally accepted behavioral criteria for a mental health professional. Relevant areas include, but are not limited to, following appropriate ethical-legal standards, demonstrating reasonable maturity in professional interpersonal contacts, and remaining free of personal-emotional behaviors that could constitute a reasonable threat to the welfare of the public to be served. If a situation of concern arises in regards to these issues either in departmental or practicum related activities, the student will meet with the Program Director, Director of Clinical Training and the student's advisor to discuss the student's status in the program.

As a condition of the student's continuation in the program the department has the option to require the student to address these issues through personal therapy. If required, the student must see a licensed Psychologist, Marriage and Family Therapist, Professional Clinical Counselor, Clinical Social Worker or Psychiatrist. Upon agreement by the Director, Director of Clinical Training, the student's advisor and the student other options such as coaching, spiritual direction, and tutoring may be considered.

Students are required to demonstrate increasing competence and professional skill as well as compliance with ethical standards and legal mandates throughout clinical training. Progression in the program is granted based partly on satisfactory performance in clinical training. If satisfactory performance is not maintained students may be placed on Professional/Clinical Probation or dismissed from the program. In order to assess performance, evaluations of clinical activity may be obtained from clinical sites, professors, and others involved with the student's
clinical training, and will be reviewed by the Director of Clinical Training. If in the opinion of the Director of Clinical Training, evaluations indicate that a student's clinical and/or professional activities have exposed, are exposing, or indicate future likelihood of exposing one or more clients to significant risk of harm, the student will immediately be dismissed from the program. When dismissal is considered, reasonable efforts will be made to obtain evaluations from clinical sites and to include those evaluations in the decision process. The student retains all rights of and access to appeal processes.

## Student Status Change

LEAVE OF ABSENCE POLICY
See Leave of Absence Policy in the graduate studies section.

## TEMPORARY WITHDRAWAL FROM THE PROGRAM

Students who do not qualify for an official Leave of Absence may apply/ request for a Temporary Withdrawal from the program. If approved, students may re-enter the program by submitting an Application for Readmission to the Graduate Program in Clinical Psychology. Returning students are subject to any new or changed academic regulations and program requirements in effect at the time of their re-admission.

## WITHDRAWAL FROM THE PROGRAM

See Withdrawal From the University in the graduate studies section.

## RE-ADMISSION

A student must apply for re-admission after a temporary withdrawal or withdrawing from the program/university. Returning students are subject to any new or changed academic regulations and program requirements in effect at the time of their re-admission.

Students who have been on a program approved temporary withdrawal, for two years or less must submit an Application for Re-admission to the Graduate Program in Clinical Psychology. Students who did not receive program approval for a temporary withdrawal and/or have been absent for more than two years will be administratively withdrawn and must repeat the application process with Graduate Admissions. Readmitted students will be subject to current academic catalog program requirements.

A person who has been dismissed from the program may reapply to the program a minimum of two years after dismissal. The applicant must repeat the admissions process with Graduate Admissions. An additional letter must be included with the application, which 1) addresses the causes for dismissal, 2) states the reasons for requesting re-admittance, and 3 ) includes any other information deemed relevant by the applicant. Additional information or documentation may be required if applicable. The application will be considered with the regular admissions pool. Readmitted students will be subject to current academic catalog program requirements.

## Program Policies

## Advising and Mentoring

Graduate students are assigned a faculty advisor who will assist them throughout their time in the program in academic, clinical and professional aspects of their education and serve as chair for Advancement to Candidacy and Exit Project committees. The academic advising process, which is done in conjunction with the Director, Program Office, and faculty advisor, will assist the student in the planning of
academic curriculum. The mentoring process is highly valued and the mentoring relationship between students and faculty/staff is encouraged. It is anticipated that this relationship will be meaningful and beneficial as the graduate student is able to have one-to-one attention and interaction.

## Student Load

Full-time. A full-time academic load at the graduate level is six (6) unit hours or more per semester, pending specific program requirements. Students may not enroll for more than fifteen (15) unit hours in a regular semester without the approval of the Director of the Graduate Program in Clinical Psychology.

Part-time. Part-time schedules are available. A student's academic load may vary according to their specific progress and standing in the program. The Director may allow deviations to the anticipated unit load in consideration of specific needs of a student.

## Personal Disclosure

Looking at one's personal information, history and relationships is an integral part of clinical training. Some disclosure of such information is required in the admission process, course work and/or other program related activities. The faculty and staff respect that process and will strive to keep such information confidential.

## Vanguard Graduate Clinical Psychology Employees as Mandated Reporters for Child Abuse and Neglect

All Graduate Clinical Psychology employees of Vanguard University are mandated reporters for child abuse and neglect. If an employee has "reasonable suspicion" of abuse, a report will be made to the appropriate authorities.

## Personal Therapy

It is anticipated that personal issues will arise for students in a graduate program in psychology and that it is of utmost importance for a future therapist to have been engaged in the therapeutic process as a client. Therefore, students are required to be involved in personal therapy concurrent with their course work. Prior to graduation students must complete 30 sessions of individual, couples, family and/or group therapy, and must begin those sessions within their first semester of the program.

- Therapists must be licensed as a Psychologist, Marriage and Family Therapist, Clinical Social Worker, or Professional Clinical Counselor, or be a registered Associate/Assistant in one of those licenses with at least 2,000 hours completed towards their licensure requirements. If an Associate/Assistant is used, then the student must also supply a letter from the therapist's supervisor confirming.
- Only psychotherapy groups fulfill this requirement. Groups created for the purpose of being a psycho-educational, marriage/pre-marital, support group, 12 step programs, or other non-psychotherapy formats will not be accepted. If you have questions about the acceptability of a specific group, the program will be happy to assess the group prior to you beginning sessions and, if it meets the requirements, will give approval.
- Individual, couples and family sessions are to be at least 45 minutes in length; group therapy sessions are to be at least 90 minutes in length. Sessions which are longer in length will be considered as one session.
- No more than one session per day will be counted towards the requirement. Multiple sessions per week may be counted towards the requirement.
- Personal therapy requirement will be considered to be fulfilled when the student submits a completed and signed Personal Therapy Record form(s) which indicates the required number of therapy sessions have been completed.
- Therapy sessions must be in person. They may not be online, phone, etc.
- Therapy requirement may be fulfilled through multiple therapists.
- Therapy sessions must be accrued concurrent with enrollment in the program.
- Professors and other professionals involved with the graduate psychology program may not provide therapy for students.


## Practicum Experience

Degree requirements include the placement in a clinical practicum site(s) and completion of 225 clinical hours with a minimum of 150 face-to-face client contact hours. In compliance with state requirements, students must be concurrently enrolled in a practicum course (PSYG-626 Professional Skills in Clinical Practice, PSYG-726 Case Conceptualization or PSYG-727 Practicum) while gaining clinical hours. Hours of experience gained as a student may also be applied to licensing requirements for Marriage and Family Therapists in the state of California.

Students interested in licensure as PCC must complete a minimum of 280 hours of face-to-face supervised clinical experience counseling individuals, families, or groups. For PCC licensure, hours of experienced gained as a student are not applied to licensing requirements.

Practicum hours can be used to meet both degree/MFT and PCC requirements.

## Advance to Candidacy

Degree bound students must officially be advanced to candidacy status prior to degree confirmation. Neither admission to the Master of Science program nor completion of required course work automatically advances a student to candidacy for the Master of Science Degree.

To be eligible to apply for Advancement to Candidacy students must have begun practicum placement and have met the minimum required client hours. Additionally, the project must be completed before the last semester in the program.

The results from the Advance to Candidacy process will be used to determine whether the student displays:

1. Academic and professional ability in the program.
2. Preparation which constitutes a satisfactory foundation on which to complete the program.
3. Necessary professional attitudes, value priorities and qualities of mind to justify continuation of study toward the Master of Science degree.

## Exit Project

In order to fulfill graduation requirements a student must successfully complete an exit project consisting of a case presentation. The

Comprehensive Project course, along with the Program Director and/ or student's faculty advisor, will provide specific information about the project. Completion of the Comprehensive Project course will be during the semester in which the student intends to graduate. Under special circumstances other options for the project may be available with the approval of the Program Director.

## Time Limit for Program Completion

All academic work for the Master of Science degree must be completed within five (5) years from the date of official admission into the Graduate Program in Clinical Psychology. Time spent on leave of absence is calculated into that five (5) year limit. Any exceptions to the limit must be approved by the Director of the Graduate Program in Clinical Psychology.

## Program Learning Outcomes

## Program Learning Outcomes

Upon completion of this program, students will be able to:

## Knowledge

1. (Core Knowledge of Psychotherapy) Apply fundamental knowledge within the field of clinical psychology and psychotherapy to the treatment of individuals, families and groups.
2. (Diversity) Demonstrate and apply cultural competency and sensitivity in the psychotherapeutic process.
3. (Integration of Faith) Demonstrate and apply the integration of faith in the psychotherapeutic process.

## Skills

4. (Clinical Skills) Demonstrate effective clinical techniques within a therapeutic relationship.
5. (Communication) Demonstrate effective written and oral communication skills as it specifically pertains to the field of psychotherapy.

## Attitudes

6. (Professional/Personal Qualities) Develop the professional and personal qualities that are intimately related to effective psychotherapy. Including competence, acceptance, curiosity, caring, integrity, sensitivity, flexibility, insight, compassion, and personal presence.

## Program

Degree Program:

- Clinical Psychology M.S. (p. 290)


## Courses

PSYG-590 Seminar. 1-3 Credits
Study of a special topic in psychology. May be repeated for credit.
Terms Typically Offered: Spring.

## PSYG-601 Clinical Foundations I 3 Credits

Clinical and theoretical foundations of the field of clinical psychology are presented with an emphasis on Client-Centered therapy and the development of beginning level skills. Course includes supervised experience which will be used in assessing eligibility for trainee status. Terms Typically Offered: Fall.

## PSYG-603 Advanced Psychopathology 3 Credits

Socio-cultural, spiritual, emotional, and behavioral deviations of human behavior in adults are explored. Child and adolescent psychopathology is introduced. Course emphasizes the DSM, etiology, differential diagnostic skills, evidence based treatment and an understanding of cultural differences in the expression and assessment of pathology. Terms Typically Offered: Fall.

## PSYG-604 Ethical and Legal Issues 3 Credits

Exploration of the legal and ethical issues pertinent to the field of psychology. The roles and responsibilities of the practitioner are evaluated emphasizing the application of ethical standards to clinical work in varied settings.
Terms Typically Offered: Fall.

## PSYG-605 Family Psychotherapy 3 Credits

Examination of the intervention techniques, evidence based practices, and major theories of Marriage and Family Therapy. Application of each theory is evaluated for cultural appropriateness, legal and ethical considerations, working with the severely mentally ill and their families, and use within community mental health services.
Terms Typically Offered: Spring.

## PSYG-611 Clinical Foundations II 1-3 Credits

This class offers continued training of basic clinical skills with an emphasis on facilitating the capacity for empathic listening, reflection, and skills necessary for building, monitoring, and maintaining a therapeutic alliance. Concurrent practicum placement is required.

## Prerequisite: PSYG-601

Terms Typically Offered: Spring.

## PSYG-613 Research Methodology 1 Credit

Overview of behavioral science statistics focusing on how to conduct research, to be an educated consumer of research and to apply research findings to clinical practice.
Terms Typically Offered: Fall, Spring, and Summer.
PSYG-614 Advanced Developmental Psychology 3 Credits
An in-depth exploration of human development through the
neurobiological, behavioral, socio-cultural, cognitive, and spiritual perspectives with an emphasis on attachment and clinical application. Terms Typically Offered: Fall.

## PSYG-615 Child and Adolescent Psychotherapy 3 Credits

The clinical application of theory, assessment and treatment for children and adolescents is examined. Legal and ethical concerns, therapeutic interventions, diversity, socio-economic factors and development are addressed.
Terms Typically Offered: Spring.

PSYG-616 Psychodynamic Theory and Treatment 3 Credits
A study of the theories and processes of therapy based on the psychodynamic modality. Emphasis is placed on understanding a client's internal dynamics. Application is made in relation to theoretical and DSM diagnoses, assessment and treatment of individuals as well as an understanding how this approach can be utilized in multiple settings and with multiple populations.
Prerequisite: PSYG-603, PSYG-604
Terms Typically Offered: Spring.

## PSYG-617 Cognitive-Behavioral Theory \& Treatment 3 Credits

A study of the theories and processes of therapy based on the cognitivebehavioral modality. Focus is placed on how belief systems interface with behavior and emotion. Application is made in relation to theoretical diagnosis, assessment and treatment of individuals, particularly with anxiety based or related conditions.
Prerequisite: PSYG-603, PSYG-604
Terms Typically Offered: Fall.

## PSYG-618 Current Psychotherapy Topics 1 Credit

Study of a current topic within the field of psychotherapy. May be repeated for credit.
Terms Typically Offered: Fall, Spring, and Summer.

## PSYG-620 Clinical and Professional Development 1-3 Credits

This class offers additional training of clinical skills, psychopathology, diagnoses, legal and ethical issues, report writing, treatment planning, and case conceptualization.
Prerequisite: PSYG-626
Terms Typically Offered: Fall, Spring, and Summer.

## PSYG-626 Professional Skills in Clinical Practice 3 Credits

Documentation, case report writing, and treatment planning are taught while students are concurrently placed in a field practicum. Students learn how to create professional documents for community mental health settings, legal systems and private practice while developing their clinical skills.
Prerequisite: PSYG-601, PSYG-603, PSYG-604 and an additional three units from any course(s) in the Graduate Program in Clinical Psychology. Terms Typically Offered: Spring.

## PSYG-650 Teaching Assistantship 1-4 Credits

Open to students with the approval of the instructor and director. Regular hours each week for classes and/or meetings are established at the beginning of the semester. The student assists an instructor in planning and conducting a course. These credits do not count toward degree requirements.
Terms Typically Offered: Fall.

## PSYG-655 Research Assistantship 1-4 Credits

Open to students with the approval of the instructor and director. Regular hours each week for classes and/or meetings are established at the beginning of the semester. The student carries out supervised research activities. These credits do not count toward degree requirements.
Terms Typically Offered: Fall.

## PSYG-660 Career Development 3 Credits

A study of current theories and processes regarding career development including decision-making models; interrelationships between work, family and other factors; and multicultural considerations in career development. Application is made to clinical practice; how to assess interest and ability; and how to access occupational, educational, and professional resources.
Terms Typically Offered: Summer.

## PSYG-670 Special Topic: 1-3 Credits

Study of a special topic in psychology. May be repeated for credit. Prerequisite: Permission of Instructor
Terms Typically Offered: Summer.

## PSYG-680 Independent Studies: 1-3 Credits

A study of a subject not addressed by a regular course that is initiated by the student through a written prospectus of the proposed study and the securing of an appropriate sponsoring faculty member to supervise and evaluate the study.
Terms Typically Offered: Fall, Spring, and Summer.

## PSYG-704 Addictive Behaviors 3 Credits

Current theoretical and clinical approaches regarding the etiology, diagnosis, treatment, and prevention of the spectrum of addictive behaviors are taught, with an emphasis on alcohol and substance abuse. Terms Typically Offered: Spring.

## PSYG-710 Psychotherapy and Diversity 3 Credits

Class focuses on developing the student's sensitivity, increased selfawareness, understanding and respect for the diversity of human beings and examines how issues of diversity are related to the therapeutic process. Emphasis is placed on enhancing cultural competency. Terms Typically Offered: Summer.

## PSYG-711 Violence, Abuse, and Trauma 2-3 Credits

Theoretical, legal and ethical understanding of abuse, trauma and crisis is explored by examining prevention, intervention, assessment, treatment and clinical application. Child Abuse, Domestic Violence and Family Violence are emphasized.
Terms Typically Offered: Summer.

## PSYG-712 Psychology, Theology and Spirituality 3 Credits

Explores the integration of psychology, theology, and spiritual formation and how it affects the mental health of the client. Consideration given to the role of the therapist and the therapeutic relationship with an emphasis on the Christian faith.
Terms Typically Offered: Fall.

## PSYG-716 Couples Psychotherapy 3 Credits

Theories of couple therapy are examined, including evidence based practices, emotionally focused therapy, systems theory, couple assessment, and therapeutic interventions.
Terms Typically Offered: Fall.

## PSYG-717 Group Psychotherapy 3 Credits

A study of the theories and processes of therapy based on the group modality. Focus is placed on the concepts of the primary therapeutic factors, stages, interventions, critical incidents and diversity. Application is made to group dynamics and development of clinical skills. Terms Typically Offered: Spring.

PSYG-720 Clinical Psychopharmacology 2-3 Credits
Overview of current research and use of psychotropic medications for the spectrum of disorders as described in the DSM are presented. Ethical, legal, and scope of practice issues are included.
Prerequisite: PSYG-603
Terms Typically Offered: Summer.

## PSYG-724 Psychosocial Stressors and Ment Health 3 Credits

Examination of the unique theoretical and clinical components related to working with minors, the elderly, and issues related to pregnancy, death and dying. Students are trained to work within the public mental health system and with the severely mentally ill. Placement within the legal system, housing and healthcare alternatives will be explored.
Prerequisite: PSYG-603, PSYG-604
Terms Typically Offered: Spring.
PSYG-725 Psychological Testing 3 Credits
Basic testing skills are developed and psychometric theory is emphasized. Students are trained in the administration, scoring, interpretation and application of resulting data. Culturally appropriate use of assessment tools is included.
Prerequisite: PSYG-626 recommended
Terms Typically Offered: Fall.

## PSYG-726 Case Conceptualization 1.5 Credits

In-depth processing of clinical casework with emphasis on case conceptualization, etiology, diagnosing both theoretically and according to the DSM, treatment planning and prognosis. Case management and use of supervision are discussed with emphasis on appropriate referrals. Concurrent field placement is required for this course.
Prerequisite: PSYG-626
Terms Typically Offered: Fall and Spring.

## PSYG-727 Practicum 0.5-1 Credits

Practicum placement management and oversight. Concurrent field placement is required for this course. Permission of program required. Prerequisite: PSYG-626
Terms Typically Offered: Fall, Spring, and Summer.

## PSYG-730 Applied Meth/Analysis/Research 1-3 Credits

This class applies knowledge of research design and statistics to psychosocial research. Actual research will be designed and carried out. These credits do not count toward degree requirements. Terms Typically Offered: Fall.

## PSYG-765 Comprehensive Project 3 Credits

This comprehensive class assists the student in the synthesis of knowledge gained over the span of the graduate program for the purpose of furthering professional identity and competency. This class is completed during the final semester of coursework or with the permission of program or professor. Exit Project is completed and field placement is required concurrently with this course. Pre-requisite: Final semester or by permission of program.
Terms Typically Offered: Spring.

PSYG-799 Continuing Registration 1 Credit
May be required for each semester in which the student is not enrolled in any program coursework. May be required until all graduation requirements have been met. Credit does not count toward Master's degree requirements. PSYG-799 will carry a grade of "CE" (continuing enrollment) until all course requirements are met, at which time the grade will be changed to "CR" (credit).
Terms Typically Offered: Fall, Spring, and Summer.

## Clinical Psychology M.S. Requirements <br> Graduation Requirements

Students pursuing the Master of Science in Clinical Psychology from Vanguard University are required to satisfy the following graduation requirements:

1. Successful completion of 61 semester units in Graduate Psychology with a minimum cumulative grade point average of " $B$ " (3.0), and with no course grades of "C-" or below counting toward the degree.
2. A minimum residence of five academic semesters.
3. Successful completion of a minimum of 225 clinical hours at approved practicum placements with a minimum of 150 face-to-face client contact hours.
4. Advanced to Candidacy.
5. Completion of Exit Project.
6. Completion of personal therapy requirement.
7. The filing of all necessary forms in accordance with the timetable provided by the Graduate Program in Clinical Psychology.
8. Successful completion within the maximum allowed time limit of five (5) years of all degree requirements that were in effect at the time of student's entrance into the program.
9. Settlement of all financial obligations to Vanguard University.

If all coursework has been completed and graduation is pending completion of other graduation requirements, the student may be required to register for PSYG-799 Continuing Registration until all graduation requirements have been met.

## LPCC Option

While not degree requirements, students interested in pursuing licensure as a Professional Clinical Counselor (LPCC) must also complete:

1. Successful completion of an additional 5 semester units with course grades of " $C$ " or higher.
2. Successful completion of a minimum of 280 face-to-face hours at approved practicum placements (practicum hours can be used to meet both degree/MFT and LPCC requirements).

## Graduation Course Requirements

| Code | Title | Units |
| :--- | :--- | :---: |
| Course Requirements ${ }^{1,2,3}$ |  |  |
| PSYG-601 | Clinical Foundations I | 3 |
| PSYG-603 | Advanced Psychopathology | 3 |
| PSYG-604 | Ethical and Legal Issues | 3 |


| PSYG-605 | Family Psychotherapy | 3 |
| :--- | :--- | :---: |
| PSYG-611 | Clinical Foundations II | 1 |
| PSYG-613 | Research Methodology | 1 |
| PSYG-614 | Advanced Developmental Psychology | 3 |
| PSYG-615 | Child and Adolescent Psychotherapy | 3 |
| PSYG-616 | Psychodynamic Theory and Treatment | 3 |
| PSYG-617 | Cognitive-Behavioral Theory \& Treatment | 3 |
| PSYG-618 | Current Psychotherapy Topics | 1 |
| PSYG-626 | Professional Skills in Clinical Practice | 3 |
| PSYG-704 | Addictive Behaviors | 3 |
| PSYG-710 | Psychotherapy and Diversity | 3 |
| PSYG-711 | Violence, Abuse, and Trauma | 2 |
| PSYG-712 | Psychology, Theology and Spirituality | 3 |
| PSYG-716 | Couples Psychotherapy | 3 |
| PSYG-717 | Group Psychotherapy | 3 |
| PSYG-720 | Clinical Psychopharmacology | 2 |
| PSYG-724 | Psychosocial Stressors and Ment Health | 3 |
| PSYG-725 | Psychological Testing | 3 |
| PSYG-726 | Case Conceptualization | 3 |
| PSYG-765 | Comprehensive Project | 3 |
| Total Units |  | 61 |

1
Concurrent enrollment in a practicum course (PSYG-626 Professional Skills in Clinical Practice, PSYG-726 Case Conceptualization or PSYG-727 Practicum) is required while gaining clinical hours, which may require additional units.

If all coursework has been completed and graduation is pending completion of other degree requirements, the student may be required to register for PSYG-799 Continuing Registration until all graduation requirements have been met.

3
Course offered for 1.5 units, must be taken twice.

## LPCC Option Course Requirements (5 units)

While not degree requirements, students interested in pursuing licensure as a Professional Clinical Counselor (LPCC) must also complete 5 semester units in addition to degree course requirements.

## Course Requirements

- PSYG-660 Career Development (3 units)
- PSYG-711 Violence, Abuse, and Trauma (for 1 additional unit)
- PSYG-720 Clinical Psychopharmacology (for 1 additional unit)


## Sample Curriculum Plan

Disclaimer: This sample Multi-Year Plan is provided as a guide for the recommended sequencing of courses. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Graduate Program for Clinical Psychology.

## Sample Curriculum Schedules <br> Three Year Track

| Course | Title | Units |
| :--- | :--- | ---: |
| First Year |  |  |
| Fall |  | 3 |
| PSYG-601 | Clinical Foundations I | 3 |
| PSYG-603 | Advanced Psychopathology | 3 |
| PSYG-604 | Ethical and Legal Issues | 9 |
|  | Units | 3 |
| Spring |  | 3 |
| PSYG-605 | Family Psychotherapy | 3 |
| PSYG-615 | Child and Adolescent Psychotherapy | $\mathbf{3}$ |
| PSYG-704 | Addictive Behaviors |  |
|  | Units | 3 |
| Summer | Psychotherapy and Diversity | $2-3$ |
| PSYG-710 | Clinical Psychopharmacology (optional 3rd |  |
| PSYG-720 | unit for LPCC) | 1 |
| PSYG-618 | Current Psychotherapy Topics | $6-7$ |


| Second Year |  |  |
| :--- | :--- | ---: |
| Fall |  | 3 |
| PSYG-614 | Advanced Developmental Psychology | 3 |
| PSYG-712 | Psychology, Theology and Spirituality | 3 |
| PSYG-716 | Couples Psychotherapy | $\mathbf{9}$ |
|  | Units |  |
| Spring |  | 1 |
| PSYG-611 | Clinical Foundations II | 3 |
| PSYG-616 | Psychodynamic Theory and Treatment | 3 |
| PSYG-626 | Professional Skills in Clinical Practice | 3 |
| PSYG-724 | Psychosocial Stressors and Ment Health | 3 |
|  | Units | $\mathbf{1 0}$ |


| Summer |  |  |
| :--- | :--- | ---: |
| PSYG-613 | Research Methodology | 1 |
| PSYG-711 | Violence, Abuse, and Trauma (optional 3rd <br> unit for LPCC) | $2-3$ |
| PSYG-660 | Career Development (optional for LPCC) | 3 |
|  | Units | $\mathbf{3 - 7}$ |


| Third Year |  |  |
| :--- | :--- | ---: |
| Fall |  | 3 |
| PSYG-617 | Cognitive-Behavioral Theory \& Treatment | 3 |
| PSYG-725 | Psychological Testing | 1.5 |
| PSYG-726 | Case Conceptualization | 7.5 |


| Spring |  |  |
| :--- | :--- | ---: |
| PSYG-717 | Group Psychotherapy | 3 |
| PSYG-726 | Case Conceptualization | 1.5 |


| PSYG-765 | Comprehensive Project | 3 |
| :--- | :--- | ---: |
| Units | $\mathbf{7 . 5}$ |  |
| Total Units | $\mathbf{6 1 - 6 6}$ |  |

Two Year Track
Course Title Units

First Year
Fall

| PSYG-601 | Clinical Foundations I | 3 |
| :--- | :--- | :--- |
| PSYG-603 | Advanced Psychopathology | 3 |
| PSYG-604 | Ethical and Legal Issues | 3 |
| PSYG-614 | Advanced Developmental Psychology | 3 |
| PSYG-618 | Current Psychotherapy Topics | 1 |
|  | Units | $\mathbf{1 3}$ |

## Spring

| PSYG-605 | Family Psychotherapy | 3 |
| :--- | :--- | ---: |
| PSYG-611 | Clinical Foundations II | 1 |
| PSYG-615 | Child and Adolescent Psychotherapy | 3 |
| PSYG-616 | Psychodynamic Theory and Treatment | 3 |
| PSYG-626 | Professional Skills in Clinical Practice | 3 |
| PSYG-613 | Research Methodology | $\mathbf{1}$ |
|  | Units | $\mathbf{1 4}$ |


| Summer |  |  |
| :--- | :--- | ---: |
| PSYG-710 | Psychotherapy and Diversity | 3 |
| PSYG-711 | Violence, Abuse, and Trauma (optional 3rd <br> unit for LPCC) | $2-3$ |
| PSYG-720 | Clinical Psychopharmacology (optional 3rd <br> unit for LPCC) | $2-3$ |
| PSYG-660 | Career Development (optional for LPCC) | 3 |
| Second Year | Units | $7-12$ |
| Fall |  |  |
| PSYG-617 | Cognitive-Behavioral Theory \& Treatment | 3 |
| PSYG-712 | Psychology, Theology and Spirituality | 3 |
| PSYG-716 | Couples Psychotherapy | 3 |
| PSYG-725 | Psychological Testing | 3 |
| PSYG-726 | Case Conceptualization | 1.5 |
|  | Units | 13.5 |

## Spring

| PSYG-704 | Addictive Behaviors | 3 |
| :--- | :--- | ---: |
| PSYG-724 | Psychosocial Stressors and Ment Health | 3 |
| PSYG-717 | Group Psychotherapy | 3 |
| PSYG-726 | Case Conceptualization | 1.5 |
| PSYG-765 | Comprehensive Project | 3 |
|  | Units | $\mathbf{1 3 . 5}$ |
|  | Total Units | $\mathbf{6 1 - 6 6}$ |

## Graduate Program in Organizational Psychology

Mission: Preparing students for professional excellence, ethical leadership, and service to people and society through enhancing life in the workplace.

Enriching the workplace by scientifically integrating psychology and organizational life.

The Graduate Programs in Organizational Psychology offer the following graduate degrees:


#### Abstract

Master of Science in Industrial-Organizational Psychology (MSIO): MSIO equips organizational scientists-practitioners with graduatelevel skills for advancing individual and organizational productivity and supporting organizational health. Graduates are prepared for positions in Human Resources, Organizational Development, Training \& Development, Organizational Consulting and other management and leadership positions. Graduates will also be prepared to conduct independent organizational research or pursue doctoral-level studies.


Master of Arts in Organizational Psychology (MAOP): MAOP equips organizational practitioners with graduate-level skills for advancing individual and organizational productivity, supporting organizational health, and increasing human capital. Graduates are prepared for positions in Human Resources, Organizational Development, Training \& Development, Organizational Consulting and other management and leadership positions.

## Graduate Certificate in Talent Development and Organizational

 Analysis (TDOA): Graduate Certificate in Talent Development and Organizational Analysis helps students develop in-demand skills of training and development in organizations, and using organizational and people analytics to inform decision-making.
## Graduate Certificate in Intercultural and Inclusive

Leadership (ILL): Graduate Certificate in Intercultural and Inclusive Leadership helps students develop in-demand skills of building fair and equitable systems for inclusion and workplace success based on the empirical and empathic understanding of cultural, demographic, ability, and neurodiversity.

## Admissions Criteria

An earned baccalaureate degree from an accredited college or university is required. A major in Psychology is not required, however, there is a requirement of a minimum of four undergraduate psychology courses including General Psychology, Statistics, and Social Psychology, and one other relevant course (Industrial/Organizational Psychology, Research Methods, Psychological Testing, Theories of Personality, and Systems of Psychology are especially recommended). Comparable courses in relevant disciplines (e.g., Human Resources, Business, Sociology, and Communication) will be considered.

Prerequisite courses for the Organizational Psychology programs are selected to enable all students to enter with a similar foundational background and to have the best opportunity to succeed. Since information in the social sciences changes at a rapid pace, it is important for prerequisite courses to be based upon current knowledge. The

Introduction to Statistics prerequisite must be completed within the past seven years with a grade of $B$ or higher. It is expected that all other prerequisite courses have been completed with a grade of C or higher. Students receiving admission to graduate programs in psychology usually have an overall undergraduate grade point average of 3.0 or higher. Exceptions are considered on the case-by-case basis.

In the absence of perquisite coursework, competency might be demonstrated through the Psychology Graduate Record Examination taken within the last three years with a score of 520 or above. The Admissions Office will determine the date by which this exam must be completed.

## Admissions Requirements

Individuals interested in pursuing graduate studies in Organization Psychology at Vanguard University should submit the following:

Application for Admission: http://www.vanguard.edu/admissions/ graduate/how-to-apply (http://www.vanguard.edu/admissions/graduate/ how-to-apply/) or request additional information:

Graduate and Nursing Admissions Office:

- Phone: (714) 966-5499 main or (877) 669-8872 toll free
- Email: admissions@vanguard.edu
- For deadlines and to apply: http://www.vanguard.edu/admissions/ graduate/how-to-apply (http://www.vanguard.edu/admissions/ graduate/how-to-apply/)

Application Fee. A non-refundable application fee of $\$ 45.00$ is required. Submit cash or check (made out to Vanguard University).

References. Download the paper version of the graduate studies in Organizational Psychology Reference. Each applicant is required to secure two professional references as part of the application process. Please print two copies of the PDF version, one for each reference. A separate letter should accompany each reference form.

Statement of Purpose ( 500 words). In a concise and articulate essay, describe your reasons, including vocational goals, for pursuing a graduate degree in Organizational Psychology at Vanguard.

Professional Resume. Please provide a detailed resume including all employment, training, education, and other relevant experience.

Official Transcripts. Please request official transcripts from all of the colleges you have attended (including colleges you attend for pre-requisite course work). Submit application and supporting documentation. The completed application form, along with all supporting documents, should be submitted to the Graduate Admissions Office. Once all supporting information has been received and the application is complete, the Graduate Program in Organizational Psychology will review each application. Finalists will be invited for an onsite or telephone/videoconference interview. All applicants are evaluated without regard to race, gender, age, political affiliation, national origin or disabling conditions.

Transfer Policy. A student may transfer up to six units of graduate level course work that is comparable to required coursework within the program. In the event that comparable coursework has been completed
at another regionally accredited institution, the student will not be required to complete the waived course(s) within the MSOP program.

## Readmission Policy

If a student has been absent from the program for more than one semester and does not have a current Leave of Absence form on file, he or she will be administratively withdrawn and must submit an "Application for Re-admission." There is a fee for re-admission. Readmitted students will be subject to current academic catalog program requirements. Students must also submit transcripts (if any) from other institutions while absent from Vanguard University.

## Community Membership Expectations

Vanguard University selects students based on academic record, the admissions interview, work experience, references, and willingness to comply with the standards and values of the university. It is expected that each individual who joins the academic community of Vanguard University will deepen his or her ethical commitment and understanding, strengthen his or her intellectual and creative abilities, and participate constructively in the life of the university community. Furthermore, Vanguard University community members are expected to commit to mutual respect for one another and will: (1) Treat all members of the community with the utmost regard, supporting and upholding the rights of others to a safe, collaborative, and collegial learning environment; (2) Foster collegial learning by participating in class as a supportive and cooperative community member; (3) Refrain from derogatory, disrespectful, or inflammatory comments regarding any member of the academic community; (4) Resolve any personal conflicts by first approaching the other party privately in accordance with professional protocol and the principles that are outlined in Matthew 18:15-17. Students who choose to disregard these expectations may be removed from the program regardless of academic performance.

## Graduation Requirements

Students pursuing the Masters of Science in Industrial/Organizational Psychology degree from Vanguard University are required to satisfy the following program requirements, in additional to university requirements, for graduation:

1. Successful completion of all required coursework with a minimum cumulative grade point average of " $B$ " (3.0), and with no more than one (1) course grade of " $\mathrm{C}+$ " counting toward the degree.
2. A minimum residence of five academic terms.
3. Completion of Professional Development Project/Master's Project per the exit option selected.
4. The filing of all necessary forms in accordance with the timetable provided by program and university offices.
5. Successful completion within the maximum allowed time limit of three (3) years of all degree requirements that were in effect at the time of student's entrance into the program.
6. Settlement of all financial obligations to Vanguard University. If all coursework has been completed and graduation is pending completion of Professional Development Project/Master's Project, the student will be
required to register for PSOG-799 Continued Reg: Master's Study until all graduation requirements have been met.

Students pursuing the Master of Arts in Organizational Psychology degree from Vanguard University are required to satisfy the following program requirements, in additional to university requirements, for graduation:

1. Successful completion of all required coursework with a minimum cumulative grade point average of " $B$ " (3.0), and with no more than one (1) course grade of " $\mathrm{C}+$ " counting toward the degree.
2. A minimum residence of four academic terms.
3. The filing of all necessary forms in accordance with the timetable provided by program and university offices.
4. Successful completion within the maximum allowed time limit of three (3) years of all degree requirements that were in effect at the time of student's entrance into the program.
5. Settlement of all financial obligations to Vanguard University.

Students pursuing the Graduate Certificate in Talent Development and Organizational Analysis from Vanguard University are required to satisfy the following graduation requirements, in additional to university requirements, for graduation:

1. Successful completion of all required coursework with a minimum cumulative grade point average of " $B$ " (3.0), and with no more than one (1) course grade of " $\mathrm{C}+$ " counting toward the degree.
2. A minimum residence of two academic terms.
3. The filing of all necessary forms in accordance with the timetable provided by program and university offices.
4. Successful completion within the maximum allowed time limit of two (2) years of all degree requirements that were in effect at the time of student's entrance into the program.
5. Settlement of all financial obligations to Vanguard University.

Students pursuing the Graduate Certificate in Intercultural and Inclusive Leadership (ILL) from Vanguard University are required to satisfy the following graduation requirements, in additional to university requirements, for graduation:

1. Successful completion of all required coursework with a minimum cumulative grade point average of " $B$ " (3.0), and with no more than one (1) course grade of "C+" counting toward the degree.
2. The filing of all necessary forms in accordance with the timetable provided by program and university offices.
3. Successful completion within the maximum allowed time limit of two (2) years of all degree requirements that were in effect at the time of student's entrance into the program.
4. Settlement of all financial obligations to Vanguard University.

Students pursing the Graduate Certificate in Organizational Consulting from Vanguard University are required to satisfy the following graduation requirements, in addition to university requirements for graduation:

1. Successful completion of all required coursework with a minimum cumulative grade point average of " $B$ "(3.0), and with no more than one (1) course grade of " $\mathrm{C}+$ " counting towards the degree.
2. The filing of all necessary forms in accordance with the timetable provided by program and university offices.
3. Successful completion within the maximum allowed time limit of two (2) years of all degree requirements that were in effect at the time of student's entrance into the program.
4. Settlement of all financial obligations to Vanguard University.

## Regular Standing

Students who intend to obtain a Master's degree and who have met all admission requirements are granted regular standing in the program. Only those students who have regular standing may become candidates for the Master's degree.

## Provisional Standing

This classification is used for degree-seeking students who have their B.A. degree, but enter the program with academic deficiencies: They may lack some of the prerequisite undergraduate courses, their entering GPA is deficient, or their B.A. degree is from a non-regionally accredited institution. Such admission is at the discretion of the Director of the Graduate Program in Organizational Psychology. Move to Regular Standing will be considered after all undergraduate course prerequisites are completed with a letter grade of " $B$ " or better and/or after demonstrating the ability to do graduate level work by completing nine (9) units with a " B " or better letter grade in each course.

## Academic Probation

Students admitted to the graduate program with Regular Standing who later receive a cumulative or current grade point average below 3.0 will be changed to Probationary Standing. Students with such standing must obtain both a cumulative and current grade point average of 3.0 or greater the following semester. If after one semester of Probationary Standing the student is not able to obtain a grade point average of a B (3.0) he/she may be dismissed from the graduate program.

## Incomplete Work

An "Incomplete" grade is the way the institution agrees to respond to a student who has been prevented from completing some or all of the requirements in one or more courses due to circumstances which were beyond the student's ability to prevent or foresee, and who has requested additional time to complete the course requirements. It is the responsibility of the student to obtain a "Petition for Incomplete Grade in a Graduate Course" form from the program office and to contact the course professor(s) as early as possible. Petitions are approved by the professor. The professor is under no obligation to assign an Incomplete grade. Examples of acceptable grounds for granting an incomplete grade include: personal or family illness of more than brief duration, serious
personal or family crisis, or an unplanned increase in job responsibilities. Unacceptable grounds include heavy or difficult class load, heavy work schedule, or computer problems.

All incomplete work for full-semester courses ( 16 weeks) is due 6 weeks from the last day of that semester. Incomplete work for accelerated courses (5-8 weeks) is due 30 days from the last day of that module. Failure to complete and submit the required work on time will result in a grade of " $F$ ".

## University Leave of Absence Policy

See University's Leave of Absence and Withdraw Policy under University Academic Policies.

## Academic Program Leave of Absence Policy

Students who find it necessary to interrupt the regular sequence of enrollment are required to file notice of an official leave of absence to ensure proper communication between the student and the Graduate Organizational Psychology Office. The forms for this purpose are available in the Organizational Psychology Office. Students taking a leave of absence are not regarded as having permanently withdrawn from the University and need not apply for readmission through the Graduate Admissions Office. Time spent on leave of absence is counted in the fiveyear time limit for graduate course work. Students who interrupt their program and do not file a leave of absence will be required to reapply and will be subject to all new academic regulations in effect in the Catalog at the time enrollment is resumed. If the request for a leave of absence is denied, the student will be required to reapply. Readmitted students will be subject to current academic catalog program requirements.

Any student granted a leave during the add/drop period (as outlined in the University Catalog) for the semester will be dropped from any classes that the student is enrolled in. If the leave is granted after $75 \%$ of the semester (or class) the student may, with faculty approval, receive an Incomplete for one or more courses. If an Incomplete is not deemed appropriate, a grade of " $W$ " will be issued. No refund of charges will be made for courses in which an Incomplete is given. No credit is earned for any course in which a " $W$ " is issued. Refunds, if any, will be granted based upon the University's refund policy as found in the University course catalog.

## Military Leave of Absence Policy

Information regarding Military Leave of Absence can be found on the Veterans Enrollment Certification and Benefits page. Questions, contact the University's School Certifying Official (veteranscertifyingofficial@vanguard.edu).

## Advance to Candidacy

Degree bound students must officially be advanced to candidacy status prior to degree confirmation. Neither admission to the Master's program nor completion of required course work automatically advances a student to candidacy. Advancement to Candidacy occurs at the end of the first year of course work, upon successful completion of :

1. PSOG-555 Managing Human Resources examination at $70 \%$ or higher.
2. Satisfactory completion of the Professional Development Project outline prior to Wk. 8 of PSOG-555 Managing Human Resources as verified by the faculty project supervisor.
3. Submission of the Advancement to Candidacy form to MSOP office by Wk. 8 of PSOG-555 Managing Human Resources.

To be eligible to apply for Advancement to Candidacy students must:

1. Be a student in Regular Standing. If student previously had Provisional or Probationary Standing, all conditions or deficiencies which had led to such standing must have been rectified.
2. Complete application for Advancement to Candidacy during the semester the student is scheduled to advance.
3. Achieve a cumulative grade point average of 3.0 or higher on all graduate course work required for the degree, with no more than one "C+" grade.
4. Be recommended for advancement by their faculty project supervisor.

The results from the Advance to Candidacy process will be used to determine whether the student displays:

1. Academic and professional competency in the program.
2. Preparation which constitutes a satisfactory foundation on which to complete the program.
3. A proposed course for professional development, which has sufficient merit to warrant approval.
4. Necessary research and analytical skills to justify continuation of study toward the Master of Science degree.

## Application for Graduation

An application for graduation must be obtained from and filed with the program office during the first week of the student's final semester in which the degree will be granted. Students who have filed an application for graduation and do not complete their requirements by the projected date of completion are required to file again in a later semester.

## Awarding of Degree

Degrees are formally awarded at the end of the Fall, Spring and Summer sessions. The degree is posted on the transcript as of the last day of the semester or Summer session in which the graduation requirements were met. Commencement exercises are held annually at the end of the Spring semester.

## Credit Hour Policy

See Credit Hour Policy section in Academic Policies and Procedures.

## Adding or Dropping Courses

When circumstances necessitate changes in a course schedule, students are required to complete and file an Add/Drop form in the program office. Classes that are dropped prior to the second class meeting will not be entered on the transcript. Classes that are dropped following the second meeting and prior to the fifth meeting will be appear on the transcript with a grade of "W". Classes dropped following the fifth meeting will receive a grade of "WF" unless the professor, aware of extenuating circumstances beyond the control of the student, is willing to grant a "WP." The course professor(s) and program director must approve all courses added or dropped after the first day of the class. Seminar courses must be dropped prior to the beginning of the one-day seminar.

## Grade Change Policy

See Grade Change Policy in Academic Policies and Procedures.

## Grade Appeals

See Grade Appeals section in Academic Policies and Procedures.

## Class Attendance

Because of the nature of this program, class-time is often an experiential laboratory environment, where small group exercises and activities are designed to simulate common workplace scenarios. Students cannot participate if they are not present. Therefore, attendance is required for each in class and online sessions. Points for class participation are awarded for full engagement and participation. Making up class participation points is not possible if a student misses the session. However, if students know in advance that they will be unable to attend a particular session, the professor may allow substitute assignments on a case-by case basis, provided they are arranged prior to the missed class. Students missing more that $20 \%$ of the class (including online class participation) will not be allowed to continue and will need to retake the course.

## Program Schedule Format

Graduate Organizational Psychology programs consist of three 15-16 week terms per year. Each term will include two seven-week classes and one one-day seminar. Each three-unit course has seven four-hour class sessions, seven two-hour online assignment and discussion sessions, as well as individual instruction from the instructor on final assignments as needed. The one-unit, one-day seminars include eight hours of instruction time as well as an approximate six to eight hours of individualized instruction throughout the term for the student's professional development project.

## Cohort Scheduling

In cohort education, students move through their curriculum as a group, which enhances camaraderie in the classroom. Special cohorts may use unique intensified schedule formats. Intensives are courses offered in compacted blocks of time and supplemented by online work. Sometimes intensives are scheduled on weekends, and sometimes in week-long blocks. Graduate Certificate in Intercultural and Inclusive Leadership (ILL) is offered online.

## Program Learning Outcomes Program Learning Outcomes

## Industrial-Organizational and Organizational Psychology Programs <br> Graduates of the Industrial-Organizational and Organizational Psychology programs will develop advanced competencies in organizational science and practice and will be able to:

- Core Knowledge of Human Behavior. Apply fundamental knowledge of psychology to understanding of human behavior in organizations.
- Data, Critical Thinking, and Decisions. Apply graduate level research, critical thinking, and data analysis skills to organizational decision making. (Graduates receiving
the Masters of Science degree in Industrial/Organizational Psychology will be able to apply advanced research and analytics skills to conduct independent organizational research.)
- Personnel Psychology and Decisions

Proficiency. Demonstrate and apply knowledge in personnel domains, which include (1) ethical, legal, and professional contexts; (2) measurement of individual differences; (3) criterion theory and development; (4) job and task analysis; (5) employee selection; (6) performance appraisal; and (7) training and development.

- Organizational Psychology and Decisions Proficiency. Demonstrate and apply knowledge in organizational psychology domains, which include (1) work motivation; (2) leadership; (3) team dynamics; (4) attitudes; (5) organizational change and development.
- Integration of Faith and Learning. Integrate learning with personal faith walk.
- Communication. Demonstrate written and oral communication skills appropriate for organizational professionals.
- Cultural Competency. Apply understanding of cultural dynamics to local and global organizational contexts.


## Talent, Development and Organizational Analysis Certificate

Graduates of the Talent, Development and Organizational Analysis Certificate (TDOA) will develop advanced competencies in organizational science and practice and will be able to:

- Data, Critical Thinking and Decisions. Apply graduate level research, critical thinking, and data analysis skills to organizational decision making.
- Personnel psychology and decisions proficiency. Demonstrate and apply knowledge in personnel domains, which include (1) ethical, legal, and professional contexts; (2) measurement of individual differences; (3) criterion theory and development; (4) job and task analysis; (5) employee selection; (6) performance appraisal; (7) training and development.


## Intercultural and Inclusive Leadership Certificate

Graduates of the Intercultural and Inclusive Leadership Certificate (ILL) will develop advanced competencies in organizational science and practice and will be able to:

- Core Knowledge of Human Behavior. Apply fundamental knowledge of psychology to understanding of human behavior in organizations.
- Cultural Competency. Apply understanding of cultural dynamics to local and global organizational contexts.


## Organizational Consulting Certificate

Graduates of the Organizational Consulting Certificate will develop develop necessary skills to effectively address organizational and personnel needs in business and non-profile contexts. Student will be able to:

- Apply graduate level research, critical thinking, and data analysis skills to organizational decision making. (Data, Critical Thinking, and Decisions)
- Demonstrate and apply knowledge in personnel domains, which include 1) ethical, legal, and professional contexts, 2) measurement of individual differences, 3) criterion theory and development, 4) job and task analysis, 5) employee selection, 6) performance appraisal, 7) training and development. (Personnel Psychology and Decisions Proficiency)
- Demonstrate and apply knowledge in organizational psychology domains, which include 1) work motivation, 2) leadership, 3) team dynamics, 4) attitudes, 5) organizational change and development. (Organizational Psychology and Decisions Proficiency)

Vocational Objective: As part of the graduate industrial-organizational program, the Organizational Consulting Certificate program is intended to equip students for individual contributor roles in Industry and/or Consulting.

1. Industry (internal organizational employee). Such roles could include human resource specialists, project assistants.
2. Consulting (external professionals hired for professional advice or service). Such roles could include associate consultants, consultants, lead consultants, analysists.

## Programs Degree Programs:

- Industrial-Organizational Psychology M.S. (p. 299)
- Organizational Psychology M.A. (p. 300)


## Certificates:

- Graduate Certificate in Intercultural and Inclusive Leadership (p. 298)
- Graduate Certificate in Organizational Consulting (p. 298)
- Graduate Certificate in Talent Development and Organizational Analysis (p. 298)


## Courses

PSOG-505 Intro to Psychology and Behavior in Org In Organizations 3 Credits
Provides graduate level systematic overview of science and theory of psychology as relevant to workplace applications, core principles and subfields of organizational psychology, and the role of personal values and worldview in science and practice of organizational psychology. Terms Typically Offered: Fall and Spring.

PSOG-510 Learning/Talent Development 3 Credits
An optional course which allows students to build a unique professional niche within Organizational Psychology. That goal shall be accomplished through focused reading and reflection and submission of professional portfolio to consist of documents demonstrating a proficiency in selected areas of specializiation (personal professional philosphy, articles, conference presentations, and other documents reflecting professional competencies as relevant to specialization).

## PSOG-515 Applied Research and Critical Analysis 3 Credits

Focuses on development of students as competent consumers of information and foundational skills in conducting organizational inquiry to inform decision-making. Specific competencies include graduate-level skills in identifying, reading and summarizing quality research sources. Terms Typically Offered: Fall and Spring.
PSOG-535 Statistics for Organizational Decision- Making 3 Credits Focuses on the interpretation of descriptive and inferential statistics, reliability and validity of instruments, theoretical and methodological foundations of criterion development, and core considerations in development and interpretation of organizational surveys and in selecting research vendors and products.
Terms Typically Offered: Spring and Summer.
PSOG-545 Advanced Social Psychology 3 Credits
Examines the effect of social influences upon the development of personality and behavior patterns. Topics include socialization, attitude formation and change, communication, propaganda, roles and stereotypes, leadership and collective behavior.
Terms Typically Offered: Fall and Summer.

## PSOG-555 Managing Human Resources 3 Credits

Examines the fundamentals of human resource management, including job assessment and analysis, strategic workforce planning, recruiting and onboarding, supervision and termination practices. Consideration will be given to current issues and employment law.
Terms Typically Offered: Fall and Summer.

## PSOG-605 Organizational Ethics and Justice 3 Credits

Provides a thought provoking study of the ethical theories involved in evaluating issues and decision making. To accomplish this, the course focuses on contemporary ethical issues relevant to leadership from a Christian foundation. The goal is to learn how to integrate ethical models with contemporary concerns of leadership.
Terms Typically Offered: Fall and Spring.

## PSOG-615 Talent Management and People Analytics 3 Credits

Applies motivation and attitude theories. Examines current topics in performance appraisal, including criterion development, rater training, appraisal effectiveness and feedback processes. A larger picture of performance management, attitudes, engagement and individual and organizational success is discussed in the context of current research and best practices.
Terms Typically Offered: Fall and Spring.

PSOG-616 Talent Management and People Analytics 3 Credits
Examines current topics in selection, placement, performance appraisal and succession planning, including indivdiual and group assessment, criterion development, performance management effectiveness, rater training, and feedback processes. A big picture of human capital, measurement, performance management, attitudes, engagement and indvidual and organizaitonal success is discussed in the context of current research and best practices, as well as performance, motivation and attitude theories.

## PSOG-625 Psychology of Leadership and Motivation 3 Credits

Reviews theories and research on motivation, specifying both the intrinsic and extrinsic determinants of worker motivation. The leadership process and its relation to motivation, group performance, workplace attitudes and climate are also analyzed.
Terms Typically Offered: Spring and Summer.

## PSOG-635 Diversity and the Organization 1.5 Credits

Addresses the processes involved in creating and maintaining a knowledgeable environment that equips all organizational participants to attain their full potential in pursuit of the enterprise's objectives. It is an approach that recognizes that organizations are made up of unique and valuable individuals that carry out particular functions. As members of organizations, each contributes diversity to the success of the organizational diversity.
Terms Typically Offered: Spring and Summer.

## PSOG-650 Exit Option: Master's Thesis 3 Credits

Allows students to demonstrate empirical competencies, as well as build a unique professional niche within Organizational Psychology. Suggested topics/areas of focus include Performance Evaluation, Motivation, Training and Development in Organizations, Intercultural Relations, Stress \& Health, or other relevant topics reflective of Society for Industrial/ Organizational Psychology (SIOP) competencies. Master's thesis will add generalizable knowledge to the field.
Terms Typically Offered: Fall and Summer.

## PSOG-652 Exit Option: Applied Project 3 Credits

Allows students to demonstrate professional competencies, as well as build a unique professional niche within Organizational Psychology. Suggested topics/areas of focus include Performance Evaluation, Motivation, Training and Development in Organizations, Intercultural Relations, Stress \& Health, or other relevant topics reflective of Society for Industrial/Organizational Psychology (SIOP) competencies. Applied Projects demonstrates substantial contribution to the practice of Organizational Psychology. Appropriate formats include internal or external consulting projects, development of training curricula, needs analysis or effectiveness evaluation studies, delivery and evaluation of organizational training, and other work products documenting professional competencies.
Terms Typically Offered: Fall and Summer.

PSOG-655 Organizational Systems, Development and Change 3 Credits Examines the organization systematically to see how the whole is functioning, with the focus on how internal and external dynamics influence organizational productivity and health. Examines theories and research on change and organizational development within the context of the I-O specialist role as both change-agent and consultant. Topics include types of change, individual, group and organizational interventions, conflict management, team development, group decision making, and culture. This course also serves as a capstone/culminating experience of the MSOP program.
Terms Typically Offered: Fall and Summer.

## PSOG-656 Organizational Consulting 2 Credits

An optional course which allows students to build a unique professional niche within Organizational Psychology. That goal shall be accomplished through focused reading and reflection and submission of professional portfolio to consist of documents demonstrating a proficiency in selected areas of specialization (personal professional philosophy, articles, conference presentations, and other documents reflecting professional competencies as relevant to specialization).
Terms Typically Offered: Fall and Spring.
PSOG-675 Psychomet, Valid, \& Asses. in Work PI 3 Credits
In this course students examine concepts of psychological measurement with emphasis on ensuring validity and reliability of instruments used in employment contexts (e.g., selection and organizational evaluation). The course explores reliability, validity, and technics for evaluating and ensuring quality of measures that assess individual-level abilities and skills, as well as organizational characteristics (e.g., organizational climates).
Terms Typically Offered: On Demand.
PSOG-680 Independent Study: 1-4 Credits
Course will allow students to develop knowledge and application skills tailored to their specific interests, career goals, and learning needs. Course emphases must align with one or more SIOP competencies (professional skills, research methods, human performance, individual assessment, etc.) Maximum number of units recommended per semester is 2 . Maximum number of units allowed per year is 4 . Maximum number that can count toward degree is 8 . MSOP students in good standing can enroll in Independent Study only with permission of professor of record and program director.
Terms Typically Offered: Spring and Summer.
PSOG-710 Applying Science in Organizations 1.5 Credits
This course serves as a capstone for the Master of Arts in Organizational Psychology track and prepares students for organizaitonal practice by synthesizing knowledge from all previous courses and includes an integration project that serves as a comprehensive examination.

PSOG-715 Advanced Research Methods/Project Devel 1.5 Credits This course prepares students in the Master of Science in Industrial and Organizational Psychology program to conduct independent research.

PSOG-720 Professional Development Workshops 1 Credit
Six 8-hour workshops are held (3 per year) that present current trends in the field while providing students hands-on support for their own professional development.
Terms Typically Offered: Fall, Spring, and Summer.

PSOG-799 Continued Reg: Master's Study 1 Credit
Required for each semester subsequent to registration of PSOG 650 or PSOG 652 until completed. Must be enolled in semester of completion. PSOG 799 credits do not count toward MSOP degree requirements.
Prerequisite: PSOG-650; PSOG-652
Terms Typically Offered: Fall and Spring.

## Graduate Certificate in Intercultural and Inclusive Leadership <br> Requirements

Below are the academic requirements for the Graduate Certificate in Intercultural and Inclusive Leadership. Students enrolled in the Organizational Psychology (MA) or Industrial-Organizational Psychology (MS) degree programs will need to complete (?) in addition to their academic program requirements to receive this certificate.

| Code | Title | Units |
| :--- | :--- | ---: |
| PSOG-545 | Advanced Social Psychology | 3 |
| PSOG-605 | Organizational Ethics and Justice | 3 |
| PSOG-635 | Diversity and the Organization | $\mathbf{1 . 5}$ |
| Total Units |  | $\mathbf{7 . 5}$ |

## Graduate Certificate in Organizational Consulting <br> Requirements

Below are the academic requirements for the Graduate Certificate in Organizational Consulting.

| Code | Title | Units |
| :--- | :--- | :--- |
| Certificate Requirements |  |  |
| PSOG-625 | Psychology of Leadership and Motivation | 3 |
| PSOG-655 | Organizational Systems, Development and Change | 3 |
| PSOG-656 | Organizational Consulting | 2 |
| PSOG-720 | Professional Development Workshops (Certificate | 1 |
|  | Requirements) |  |

Total Units

## Graduate Certificate in Talent Development and Organizational Analysis <br> Requirements

Below are the academic requirements for the Graduate Certificate in Talent Development and Organizational Analysis. Students enrolled in the Organizational Psychology (MA) or Industrial-Organizational Psychology (MS) degree programs will complete the requirements for this certificate as part of their academic program requirements.

| Code | Title | Units |
| :--- | :--- | :---: |
| Certificate Requirements |  |  |
| PSOG-505 | Intro to Psychology and Behavior in Org In <br> Organizations | 3 |
| PSOG-510 | Learning/Talent Development | 3 |
| PSOG-515 | Applied Research and Critical Analysis | 3 |
| PSOG-615 | Talent Management and People Analytics | 3 |
| PSOG-720 | Professional Development Workshops (Multiple <br> Topics, 2 workshops required) | $\mathbf{2}$ |
| Total Units |  | $\mathbf{1 4}$ |

## Industrial-Organizational Psychology <br> M.S.

Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Course Requirements |  |  |
| PSOG-505 | Intro to Psychology and Behavior in Org In <br> Organizations | 3 |
| PSOG-510 | Learning/Talent Development | 3 |
| PSOG-515 | Applied Research and Critical Analysis | 3 |
| PSOG-535 | Statistics for Organizational Decision- Making | 3 |
| PSOG-545 | Advanced Social Psychology | 3 |
| PSOG-555 | Managing Human Resources | 3 |
| PSOG-605 | Organizational Ethics and Justice | 3 |
| PSOG-615 | Talent Management and People Analytics | 3 |
| PSOG-625 | Psychology of Leadership and Motivation | 3 |
| PSOG-635 | Diversity and the Organization | 1.5 |
| PSOG-655 | Organizational Systems, Development and Change | 3 |
| PSOG-715 | Advanced Research Methods/Project Devel | 1.5 |
| PSOG-720 | Professional Development Workshops (Multiple | 6 |
| Select one of the following: |  |  |
| PSOG-650 | Exit Option: Master's Thesis | 3 |
| PSOG-652 | Exit Option: Applied Project | 42 |
| PSOG-675 | Psychomet, Valid, \& Asses. in Work Pl | Units |
| Total Units |  |  |
| Optional Specialization/Certificate | Organizational Consulting | 3 |
| PSOG-656 | Title | 3 |

## Thesis/Applied Project Evaluation Categories

Does Not Pass: Does not meet minimum requirements necessary for program completion.

Pass with Restrictions: Meets the minimum requirements necessary for program completion. However, in its current form, the document is not sufficient to support evidence-based
organizational decision-making. The student agrees not to attempt presenting or publishing this document.

Pass: Meets the requirements necessary for program completion, and fully demonstrates analytical and research skills needed to support evidence-based organizational decision-making.

Pass with Distinction: Exceeds the minimum requirements necessary for program completion, and strongly demonstrates analytical and research skills needed to support evidencebased organizational decision-making and/or making an original contribution to science. Thesis/projects performance suggest skill development corresponding to doctoral-level studies.

## Sample Curriculum Plan

Disclaimer: This sample Multi-Year Plan is provided as a guide for the recommended sequencing of courses. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Graduate Program for Organizational Psychology.

| Course | Title | Units |
| :---: | :---: | :---: |
| Year 1 Term 1 |  |  |
| PSOG-505 | Intro to Psychology and Behavior in Org In Organizations | 3 |
| PSOG-515 | Applied Research and Critical Analysis | 3 |
| PSOG-720 | Professional Development Workshops | 1 |
|  | Units | 7 |
| Year 1 Term 2 |  |  |
| PSOG-510 | Learning/Talent Development | 3 |
| PSOG-615 | Talent Management and People Analytics | 3 |
| PSOG-720 | Professional Development Workshops | 1 |
|  | Units | 7 |
| Year 1 Term 3 |  |  |
| PSOG-545 | Advanced Social Psychology | 3 |
| PSOG-555 | Managing Human Resources | 3 |
| PSOG-720 | Professional Development Workshops | 1 |
|  | Units | 7 |
| Year 2 Term 1 |  |  |
| PSOG-605 | Organizational Ethics and Justice | 3 |
| PSOG-625 | Psychology of Leadership and Motivation | 3 |
| PSOG-720 | Professional Development Workshops | 1 |
|  | Units | 7 |
| Year 2 Term 2 |  |  |
| PSOG-715 | Advanced Research Methods/Project Devel | 1.5 |
| PSOG-625 | Psychology of Leadership and Motivation | 3 |
| PSOG-655 | Organizational Systems, Development and Change | 3 |
| PSOG-720 | Professional Development Workshops | 1 |
|  | Units | 8.5 |


| Year 2 Term 3 |  |  |
| :--- | :--- | ---: |
| PSOG-535 | Statistics for Organizational Decision- |  |
|  | Making | 3 |
| PSOG-PLHDEX | Psog Exit Option | 3 |
| PSOG-720 | Professional Development Workshops | 1 |
|  | Units | $\mathbf{7}$ |
|  | Total Units | $\mathbf{4 3 . 5}$ |

## Organizational Psychology M.A. Requirements

| Code Title | Units |
| :--- | :--- |
| Course Requirements |  |


| PSOG-505 | Intro to Psychology and Behavior in Org In <br> Organizations | 3 |
| :--- | :--- | ---: |
| PSOG-510 | Learning/Talent Development | 3 |
| PSOG-515 | Applied Research and Critical Analysis | 3 |
| PSOG-545 | Advanced Social Psychology | 3 |
| PSOG-555 | Managing Human Resources | 3 |
| PSOG-605 | Organizational Ethics and Justice | 3 |
| PSOG-615 | Talent Management and People Analytics | 3 |
| PSOG-625 | Psychology of Leadership and Motivation | 3 |
| PSOG-635 | Diversity and the Organization | 1.5 |
| PSOG-655 | Organizational Systems, Development and Change | 3 |
| PSOG-710 | Applying Science in Organizations | 1.5 |
| PSOG-720 | Professional Development Workshops (Multiple | 5 |
| Total Units | Topics, 5 workshops required) |  |
| Code |  | Title |

Optional Specialization/Certificate
PSOG-656 Organizational Consulting

## Sample Curriculum Plan

Disclaimer: This sample Multi-Year Plan is provided as a guide for the recommended sequencing of courses. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Graduate Program for Organizational Psychology.

| Course | Title | Units |
| :--- | :--- | :---: |
| Year 1 Term 1 |  |  |
| PSOG-505 | Intro to Psychology and Behavior in Org In <br> Organizations | 3 |
| PSOG-515 | Applied Research and Critical Analysis | 3 |
| PSOG-720 | Professional Development Workshops | 1 |
|  | Units | $\mathbf{7}$ |

## Year 1 Term 2

PSOG-510
Learning/Talent Development

| PSOG-615 | Talent Management and People Analytics | 3 |
| :--- | :--- | :--- |
| PSOG-720 | Professional Development Workshops | 1 |
|  | Units | $\mathbf{7}$ |
| Year 1 Term 3 |  |  |
| PSOG-545 | Advanced Social Psychology | 3 |
| PSOG-555 | Managing Human Resources | 3 |
| PSOG-720 | Professional Development Workshops | 1 |
|  | Units | $\mathbf{7}$ |

Year 2 Term 1

| PSOG-605 | Organizational Ethics and Justice | 3 |
| :--- | :--- | :--- |
| PSOG-625 | Psychology of Leadership and Motivation | 3 |
| PSOG-720 | Professional Development Workshops | 1 |
|  | Units | $\mathbf{7}$ |


| Year 2 Term 2 |  |  |
| :--- | :--- | ---: |
| PSOG-710 | Applying Science in Organizations | 1.5 |
| PSOG-635 | Diversity and the Organization | 1.5 |
| PSOG-655 | Organizational Systems, Development and <br> Change | 3 |
|  | Professional Development Workshops | 1 |
|  | Units | $\mathbf{7}$ |
|  | Total Units | $\mathbf{3 5}$ |

## DIVISION OF THEOLOGY

Tommy Casarez, Ph.D.
Associate Dean, Division of Theology

## The College

- Anti-Human Trafficking Certificate (p. 314)
- Theology B.A. with a Concentration in Biblical Studies (p. 316)
- Theology B.A. with a Concentration in Christian Formation and Discipleship Studies (p. 317)
- Theology B.A. with a Concentration in General Christian Studies (p. 318)
- Theology B.A. with a Concentration in Intercultural Studies (p. 320)
- Theology B.A. with a Concentration in Pastoral Leadership Studies (p. 321)
- Theology B.A. with a Concentration in Youth Leadership (p. 323)
- Theology Minor (p. 324)
- Women and Justice Minor (https://catalog.vanguard.edu/theo/ undergraduate/women-justice-minor/)


## School for Professional Studies

- Theology B.A. with a Concentration in Ministry and Leadership (p. 326)
- Theology Minor (p. 327)


## Graduate Programs

- Leadership Studies M.A. (p. 337)
- Theology M.A. (p. 345)


## Department of Theology (College)

Mission: The Division of Theology is committed to educating students who, in becoming people like Jesus, will do justice, love mercy, and walk humbly in a world being redeemed by God.

The Division of Theology focuses on the study of Scripture, theology, and servant leadership rooted in spiritual formation within the Pentecostal tradition. We prepare women and men to flourish in their callings and ministries through a relational journey with professors and students in undergraduate, graduate, and professional studies programs across multiple learning modalities.

Undergraduate Concentrations: Biblical Studies; Christian Formation and Discipleship Studies; Intercultural Studies; Pastoral Leadership Studies; Youth Leadership Studies; and General Christian Studies.

Professional Studies Program: Ministry and Leadership
Graduate Degree Programs: Master of Arts in Theology; and Master of Arts in Leadership (with concentrations in Spirituality, Hispanic Leadership, and Women \& Justice).

All Theology majors are expected to make satisfactory academic progress toward graduation. In addition to the requirements established by the university, the Department of Theology requires that all of its
majors maintain a minimum G.P.A. of 2.0 in all major course work as part of their minimum requirement for graduation.

## Ministerial Credentials

Students who plan to apply for ministerial credentials should consult the chair of the Department of Theology for pertinent information and the necessary application forms. PLST-449 Denominational Polity is recommended as one unit toward fulfilling the pastoral ministries requirement in the programs of those students planning to apply for ministerial credentials with the Assemblies of God.

## Ministerial Internship Programs and Practicum

The Department of Theology is committed to provide field education experiences that integrate conceptual aspects of ministry with the practice of ministry in local churches, hospitals, mission opportunities, inner-city ministries, and other parachurch organizations. Goals for field education include spiritual formation, mentoring relationships, theological reflection, and specific training in ministry skills that provide the framework for such integration.

There are two academic programs designed to provide these integrative experiences:

1. PLST-450 Ministerial Internship (3-12 units) is a structured field experience designed for students who wish to have an in-depth exposure to the practice of ministry within a local church under the supervision of a pastor and theology faculty member.
2. PLST-460 Practicum ( $1-3$ units) is intended for students who are currently involved in a particular ministry and wish to receive credit for guided reflection and supervision of that experience by the onscene administrator and theology faculty member.

The deadline for admission in the Ministerial Internship Program for the Summer or Fall semester is April 15 of the preceding Spring semester. For the Spring semester, the deadline is November 15 of the preceding Fall semester. The deadline for a practicum is the first week of the semester. Application forms are available in the Department of Theology office.

## Program Learning Outcomes Program Student Learning Outcomes

1. Bible: The student will analyze and interpret a biblical text, using sound methodology, and will explain its meaning and relevance.
2. Theology: Students will analyze and evaluate a theological proposal that spans major theological loci in terms of its Biblical foundation, coherence and ministry/contextual relevance.
3. Christian Ethics: Students will articulate an approach to making ethical decisions that is informed by both ethical theory and the teaching of Scripture.
4. The Church: Students will articulate an understanding of the church's identity and history as a Spirit formed community of the people of God and the church's purpose as disciple-making towards Christlikeness.
5. Leadership: Students will apply the role of spiritual formation in servant leadership in supporting Christ's reconciling mission for the sake of the world.
6. Missions: Students will articulate missiological and intercultural theories, principles, and strategies and effectively apply them within diverse intercultural contexts.

## Programs

## MAJOR:

- Theology B.A. with a Concentration in Biblical Studies (p. 316)
- Theology B.A. with a Concentration in Christian Formation and Discipleship Studies (p. 317)
- Theology B.A. with a Concentration in General Christian Studies (p. 318)
- Theology B.A. with a Concentration in Intercultural Studies (p. 320)
- Theology B.A. with a Concentration in Pastoral Leadership Studies (p. 321)
- Theology B.A. with a Concentration in Youth Leadership (p. 323)


## MINORS:

- Theology Minor (p. 324)
- Women and Justice Minor (https://catalog.vanguard.edu/theo/ undergraduate/women-justice-minor/)


## CERTIFICATE:

- Anti-Human Trafficking Certificate (p. 314)


## Courses

## Biblical Interpretation

## BINT-270 Resrch Meth/Study of Scripture 3 Credits

An introductory examination of biblical exposition for ministry which includes an understanding of the theological foundations for preaching, an acquaintance with the basic secondary materials used in biblical interpretation, and an overview of the procedures of biblical exegesis. Core requirement for the religion major offered every semester. Prerequisite: BLAN-101, NT-101C
Terms Typically Offered: Fall and Spring.
BINT-291 Special Topic: 1 Credit
Study of a special topic in Biblical Interpretation. May be repeated for credit.
BINT-292 Special Topic: 2 Credits
Study of a special topic in Biblical Interpretation. May be repeated for credit.
BINT-293 Special Topic: 3 Credits
Study of a special topic in Biblical Interpretation. May be repeated for credit.

BINT-440 New Testament Backgrounds 3 Credits
A study of the Greek, Roman, and Jewish backgrounds of the New Testament is made in order to give the New Testament student an understanding of the world of Jesus and the early church. Extensive readings in representative texts from the New Testament period, including the Dead Sea Scrolls.
Prerequisite: NT-101C
BINT-470 Special Topic: 1-3 Credits
Study in a special topic in the field of Biblical interpretation. May be repeated for credit.

## BINT-476 Old Testament Backgrounds 3 Credits

An exploration of Egyptian, Babylonian, Assyrian, and Persian backgrounds to the Old Testament, designed to provide the student with an understanding of the Old Testament world.
Prerequisite: NT-101C, OT-201C
BINT-480 Individual Studies: 1-3 Credits
May be repeated for credit.

## Biblical Language

BLAN-101 Introduction to Biblical Lang. 3 Credits
An introduction to the Greek and Hebrew languages which prepares students to do basic lexical and grammatical research in both print and digital media. Core requirement for the religion major and prerequisite to BINT-270. Offered every semester.
Terms Typically Offered: Fall and Spring.
BLAN-201 Beginning Greek I 4 Credits
A two-semester course of instruction in the grammar of the Greek New Testament. BLAN 201 or demonstrated proficiency serves as prerequisite to BLAN 202. By the end of the second semester the student should be translating portions of the Greek New Testament. Offered alternate years. Prerequisite: BLAN-101 or permission of the instructor Terms Typically Offered: Fall.

## BLAN-202 Beginning Greek II 4 Credits

A two-semester course of instruction in the grammar of the Greek New Testament. BLAN-201 or demonstrated proficiency serves as prerequisite to BLAN-202. By the end of the second semester the student should be translating portions of the Greek New Testament. Offered alternate years. Prerequisite: BLAN-201 or permission of instructor
Terms Typically Offered: Spring, even years.
BLAN-204 Beginning Hebrew I 4 Credits
Foundation in the basics of Hebrew morphology, vocabulary, and syntax. Exercises in reading, writing, and speaking. Three hours of lecture, two of laboratory per week. BLAN-204 or demonstrated proficiency serves as prerequisite to BLAN-205. Offered alternate years.
Prerequisite: BLAN-101 or permission of the instructor
Terms Typically Offered: Fall.

## BLAN-205 Beginning Hebrew II 4 Credits

Foundation in the basics of Hebrew morphology, vocabulary, and syntax. Exercises in reading, writing, and speaking. Three hours of lecture, two of laboratory per week. BLAN-204 or demonstrated proficiency serves as prerequisite to BLAN-205. Offered alternate years.
Prerequisite: BLAN-204
Terms Typically Offered: Spring.

## BLAN-301 Intermediate Greek I 3 Credits

An advanced course in New Testament Greek. The student begins a translation and exegesis of the Gospel of John along with an intensive, systematic review of grammar and syntax from an advanced Greek grammar.
Prerequisite: BLAN-201, BLAN-202 or demonstrated proficiency Terms Typically Offered: Fall.

## BLAN-302 Intermediate Greek II 3 Credits

An advanced course in New Testament Greek. The student begins a translation and exegesis of the Gospel of John along with an intensive, systematic review of grammar and syntax from an advanced Greek grammar.
Prerequisite: BLAN-201, BLAN-202 or demonstrated proficiency Terms Typically Offered: Spring.

## BLAN-306 Intermediate Hebrew I 3 Credits

Review and consolidation of grammar and syntax. Extensive reading in the narrative portions of the Old Testament for style and vocabulary. Offered alternate years.
Prerequisite: BLAN-204, BLAN-205 or demonstrated proficiency Terms Typically Offered: Fall.

## BLAN-307 Intermediate Hebrew II 3 Credits

Review and consolidation of grammar and syntax. Extensive reading
in the narrative portions of the Old Testament for style and vocabulary. Offered alternate years.
Prerequisite: BLAN-204, BLAN-205 or demonstrated proficiency Terms Typically Offered: Spring.

## BLAN-401 Advanced Greek I 2 Credits

Reading and exegesis of Greek New Testament passages, selected to acquaint the student with the distinctive styles of the various authors of the New Testament. Some reading in the Apostolic Fathers and the Septuagint is also included.
Prerequisite: BLAN-301 or NT-301; BLAN-302 or NT-302 or demonstratedproficiency
Terms Typically Offered: Fall.

## BLAN-402 Advanced Greek II 2 Credits

Reading and exegesis of Greek New Testament passages, selected to acquaint the student with the distinctive styles of the various authors of the New Testament. Some reading in the Apostolic Fathers and the Septuagint is also included.
Prerequisite: BLAN-301 or NT-301; BLAN-302 or NT-302; BLAN-401
ordemonstrated procifiency
Terms Typically Offered: Spring.
BLAN-406 Advanced Hebrew I 2 Credits
Syntactical and exegetical analysis of selected portions from the Hebrew Old Testament. Offered on demand.
Prerequisite: BLAN-306 or OT-306; BLAN-307 or OT-307 or
demonstratedproficiency
Terms Typically Offered: Fall.

## BLAN-407 Advanced Hebrew II 2 Credits

Syntactical and exegetical analysis of selected portions from the Hebrew Old Testament. Offered on demand.
Prerequisite: BLAN-306 or OT-306; BLAN-307 or OT307; BLAN-406
ordemonstrated proficiency
Terms Typically Offered: Spring.

BLAN-480 Individual Studies: 1-4 Credits
May be repeated for credit.

## Christian Formation and Discipleship

## CFST-101 Intro/Chrstn Formtn/Discplshp 2 Credits

An examination of the theology, philosophy and practice of spiritual formation and discipleship. Special attention will be given to the nature, processes, and goals of Christian formation ministries in the local church. Offered every fall.
Prerequisite: NT-101C, OT-201C
Terms Typically Offered: Fall.

## CFST-291 Special Topic: 1 Credit

Study in a special topic in philosophy. May be repeated for credit.
CFST-292 Special Topic: 2 Credits
Study in a special topic in philosophy. May be repeated for credit.

## CFST-293 Special Topic: 3 Credits

Study in a special topic in philosophy. May be repeated for credit.

## CFST-322 Christn Formation of Children 2 Credits

A study of the developmental needs, skills, and abilities of children as they pertain to spiritual formation. Consideration will also be given to moral and value formation, socialization, and self-esteem development. Prerequisite: CFST-101

## CFST-326 Adult Formation/Discipleship 2 Credits

A study of the educational, discipleship, and developmental needs of adults pertinent to an effective formation ministry in the local church. Prerequisite: CFST-101
Terms Typically Offered: Fall.
CFST-470 Special Topic: 1-3 Credits
Study in a special topic in the field of Christian formation and discipleship. May be repeated for credit.

CFST-480 Ind Studies: 1-3 Credits
May be repeated for credit.

## Church History

CHIS-340 Late Roman-Byzantine Empire 3 Credits
Beginning in the late third century, this course covers the major people, places, events, and movements of the Roman Empire until its destruction by the Ottoman Turks in 1453. Emphasizes the life and beliefs of the Orthodox Church and its relationship to Western Christianity. This course is housed in the Department of Religion and is accepted as a HIST upper division elective for the History/ Political Science major.

## CHIS-400C Christian Heritage 3 Credits

This course explores our Christian heritage, showing how the community of believers has evolved over time, from the timeless creeds developed in the early Christian era, to the split between Rome and Eastern Orthodoxy, to the Protestant Reformation and the proliferation of denominations down to the twentieth century. The recent period highlights the rise of Pentecostalism and its place in the past century, the increasingly global sweep of the Church, and the relative decline of the European role in Christianity. The last section deals with the challenges and prospects of the twenty-first century and the roles available to our students.

## CHIS-400H Christian Heritage 3 Credits

This course explores our Christian heritage, showing how the community of believers has evolved over time, from the timeless creeds developed in the early Christian era, to the split between Rome and Eastern Orthodoxy, to the Protestant Reformation and the proliferation of denominations down to the twentieth century. The recent period highlights the rise of Pentecostalism and its place in the past century, the increasingly global sweep of the Church, and the relative decline of the European role in Christianity. The last section deals with the challenges and prospects of the twenty-first century and the roles available to our students.

## CHIS-420 History of Pentecostalism 3 Credits

Antecedents, Wesleyan and nineteenth-century holiness backgrounds; origin, development, and varieties of traditional Pentecostalism; some attention to the neo-Pentecostal or charismatic movement. Course may include field trips to significant Southern California sites. This course is housed in the Department of Religion and is accepted as a HIST upper division elective for the History/Political Science major.
Terms Typically Offered: Spring.

## CHIS-451 Renaissance \& Reformation 3 Credits

The transition from medieval to modern civilization, emphasizing those forces and persons which brought about change in Europe's intellectual and religious outlook.
CHIS-470 Special Topic: 1-3 Credits
Study of a special topic in church history. May be repeated for credit.
CHIS-480 Individual Studies: 1-3 Credits
May be repeated for credit.

## CHIS-490 Seminar. 3 Credits

Mutual investigation of one topic in church history of particular relevance to upper division religion majors. May be repeated for credit.

## Intercultural Studies

ICST-102 Intro/Intercultural Studies 3 Credits
An introduction to the basic elements of intercultural communication and service. Course content will compare and contrast the cognitive processes, linguistic forms, and behavioral patterns within diverse cultural contexts. The student will integrate theory with practice in order to communicate effectively a holistic gospel.

## ICST-272 Theology/Church Mission 2 Credits

Various models of Christian mission from biblical, theological, and historical perspectives will be explored. This interdisciplinary study, integrating theology and praxis, is designed to move the student toward a responsible understanding of an integral proclamation of the kingdom of God in a diverse cultural milieu. Core requirement for the religion major offered every fall.
Prerequisite: NT-101C; THEO-101C OR THEO-103C/H
Terms Typically Offered: Fall.

## ICST-288 Theology in an Intercultural Context 3 Credits

A study of worldview theories and concepts in the context of intercultural studies. Major worldviews are mapped out geographically in order to investigate transcultural universals and divergences. The relationship between worldviews and theology in formulating contextual understandings of ministry will be examined. Core requirement for the religion major offered every fall.
Prerequisite: NT-101C; THEO-101C or THEO-103C/H
Terms Typically Offered: Fall and Spring.

## ICST-291 Special Topic: 1 Credit

Study of a special topic in intercultural and urban studies. May be repeated for credit.
ICST-292 Special Topic: 2 Credits
Study of a special topic in intercultural and urban studies. May be repeated for credit.

## ICST-293 Special Topic: 3 Credits

Study of a special topic in intercultural and urban studies. May be repeated for credit.

## ICST-305 Evangelism 3 Credits

A study of the nature, scope and imperatives of evangelism in the church. Scriptural mandates and models for evangelism are examined, and personal skills in evangelism are developed.
Terms Typically Offered: Spring.

## ICST-345 Intercultural Comm in Ministry 3 Credits

A study of the processes of communicating the gospel interculturally. Special attention is given to the development of attitudes and tools that will enable effective communication interculturally.
Prerequisite: ICST-102
Terms Typically Offered: Spring.

## ICST-370 Language Intensive 3 Credits

A course designed to offer Religion majors in the Intercultural Studies concentration intensive language study as part of their required study abroad experience. The specific language studied will be in conjunction with the location of the selected study abroad program.

## ICST-450 Intercultural Internship 3-12 Credits

Intercultural Internship is designed to integrate conceptual aspects of ministry with in-depth exposure to the practice of ministry within specific intercultural contexts. The internship experience is intended for students who wish to receive credit for guided reflection and supervision of a missions oriented experience by the on-scene supervisor/missionary and religion faculty member. Specific internship modules may also be taken during two, three, or four semesters. A maximum number of twelve units may be taken for internship credit.
Terms Typically Offered: Spring.

## ICST-460 Intercultural Field Studies 3 Credits

A course designed to integrate theory with field experience for Religion majors in the Intercultural Studies concentration. The intent is to reflect theologically in an intercultural ministry setting as part of the study abroad requirement. Special attention is given to examining one's spiritual gifts, calling, identity, and preparation, as well as developing an appreciation for other cultures, and understanding of the cross-cultural adaptation of a missionary.
Terms Typically Offered: Spring.

## ICST-470 Special Topic: 1-3 Credits

Study of a special topic in intercultural and urban studies. May be repeated for credit.
Terms Typically Offered: Fall and Spring.

## ICST-480 Ind Studies: 1-3 Credits

May be repeated for credit.

## ICST-485 Current Issues/Mission Studies 3 Credits

This course examines selected themes critical to effective Christian mission. Issues considered range from the ethics of evangelism and proselytism to the cultural dynamics of politics and economics. This course is required for students in the in the Intercultural Studies concentration.
Prerequisite: ICST-102
Terms Typically Offered: Spring.

## ICST-490 Seminar. 1-3 Credits

Mutual investigation of one topic in intercultural and urban studies of particular relevance to upper division religion majors. May be repeated for credit.

## New Testament

## NT-101 New Testament Survey 3 Credits

Prerequisite to all upper division courses in New Testament. A close study of the New Testament text, examining the foundations of Christianity within its historical contexts, and presenting the principles and tools of interpretation. (required for all Religion majors; meets Religion/Humanities requirement for all majors). (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## NT-101C New Testament Survey 3 Credits

Prerequisite to all upper division courses in New Testament. A close study of the New Testament text, examining the foundations of Christianity within its historical contexts, and presenting the principles and tools of interpretation.
Terms Typically Offered: Fall and Spring.

## NT-291 Special Topic: 1 Credit

Study of a special topic relating to the New Testament. May be repeated for credit.

## NT-292 Special Topic: 2 Credits

Study of a special topic relating to the New Testament. May be repeated for credit.

## NT-293 Special Topic: 3 Credits

Study of a special topic relating to the New Testament. May be repeated for credit.

## NT-301 Intermediate Greek I 3 Credits

An advanced course in New Testament Greek. The student begins a translation and exegesis of the Gospel of John along with an intensive, systematic review of grammar and syntax from an advanced Greek grammar.
Prerequisite: BLAN-201, BLAN-202, NT-101C
Terms Typically Offered: Fall.

## NT-302 Intermediate Greek II 3 Credits

An advanced course in New Testament Greek. The student begins a translation and exegesis of the Gospel of John along with an intensive, systematic review of grammar and syntax from an advanced Greek grammar.
Prerequisite: BLAN-201, BLAN-202, NT-101C, NT-301
Terms Typically Offered: Spring.

## NT-310 Parables of Jesus 3 Credits

This course aims to provide an introductory overview of the critical problems involved in interpreting the parables of Jesus, an understanding of the theological framework for interpreting the meaning of the parables, and an appreciation for the religious, social, and moral values expressed in the message of the parables.
Prerequisite: NT-101C
Terms Typically Offered: Fall.

## NT-312 Life of Jesus 3 Credits

A critical examination of the assumptions, history, methods, and conclusions of the so-called, "Quest of the Historical Jesus." We then interpret the data about Jesus against the history and culture of late Second Temple Judaism, followed by an examination of the meaning of Jesus' life and work.
Prerequisite: NT-101C
Terms Typically Offered: Fall.

## NT-315 Gospel of Mark 3 Credits

A study of the background, theology, community and literary significance of the Markan traditions of Jesus.
Prerequisite: NT-101C
Terms Typically Offered: Spring.

## NT-320 Johannine Literature 3 Credits

The meaning and message of the Gospel of John and I, II, and III John, including introductory studies concerning authorship, date, location, and occasion for the writings. Involves detailed exegesis of segments of the literature with a focus upon the significance of its theological content. Prerequisite: NT-101C
Terms Typically Offered: Spring.

## NT-325 Hebrews 3 Credits

Content and interpretation of this important Christological text, stressing Bible study methods and resources and giving attention to background considerations in the biblical history of Jewish worship.
Prerequisite: NT-101C
Terms Typically Offered: Spring.

## NT-330 General Epistles 3 Credits

James, I and II Peter, and Jude-their contents, interpretation, distinctive teachings, and significance to the canon of the New Testament.
Prerequisite: NT-101C
Terms Typically Offered: Fall.

## NT-340 Acts of the Apostles 3 Credits

Exegesis of the Book of Acts with consideration of critical problems, alerting the student to basic issues in the history and theology of LukeActs and providing him or her with an outline of primitive church history. Prerequisite: NT-101C
Terms Typically Offered: Fall.

## NT-346 Romans \& Galatians 3 Credits

Studies of the critical issues and contents of the Pauline corpus in the contexts of the life of the apostle and of the developing New Testament church. The following courses will be scheduled: NT 346 Romans and Galatians; NT 347 Corinthian Letters; NT 348 Prison Epistles: Ephesians, Philippians, Colossians, Philemon; NT 349 Pastoral Epistles: I and II Timothy, and Titus.
Prerequisite: NT-101C
Terms Typically Offered: Fall.

## NT-347 Corinthian Letters 3 Credits

Studies of the critical issues and contents of the Pauline corpus in the contexts of the life of the apostle and of the developing New Testament church. The following courses will be scheduled: NT 346 Romans and Galatians; NT 347 Corinthian Letters; NT 348 Prison Epistles: Ephesians, Philippians, Colossians, Philemon; NT 349 Pastoral Epistles: I and II Timothy, and Titus.
Prerequisite: NT-101C
Terms Typically Offered: Fall.

## NT-348 Prison Epistles 3 Credits

Studies of the critical issues and contents of the Pauline corpus in the contexts of the life of the apostle and of the developing New Testament church. The following courses will be scheduled: NT 346 Romans and Galatians; NT 347 Corinthian Letters; NT 348 Prison Epistles: Ephesians, Philippians, Colossians, Philemon; NT 349 Pastoral Epistles: I and II Timothy, and Titus.
Prerequisite: NT-101C
Terms Typically Offered: Fall.

## NT-349 Pastoral \& Thess Epistles 3 Credits

Studies of the critical issues and contents of the Pauline corpus in the contexts of the life of the apostle and of the developing New Testament church. The following courses will be scheduled: NT 346 Romans and Galatians; NT 347 Corinthian Letters; NT 348 Prison Epistles: Ephesians, Philippians, Colossians, Philemon; NT 349 Pastoral Epistles: I and II Timothy, and Titus.
Prerequisite: NT-101C
Terms Typically Offered: Spring.

## NT-401 Advanced Greek I 2 Credits

Reading and exegesis of Greek New Testament passages, selected to acquaint the student with the distinctive styles of the various authors of the New Testament. Some reading in the Apostolic Fathers and the Septuagint is also included.
Prerequisite: NT-101C; BLAN-301 or NT-301; BLAN-302 or NT-302
Terms Typically Offered: Fall.

## NT-402 Advanced Greek II 2 Credits

Reading and exegesis of Greek New Testament passages, selected to acquaint the student with the distinctive styles of the various authors of the New Testament. Some reading in the Apostolic Fathers and the Septuagint is also included.
Prerequisite: NT-101C, NT-401
Terms Typically Offered: Spring.

## NT-446 Parables for Preaching 3 Credits

An examination of the interrelationship between the meaning of the parables as Jesus spoke them to his original hearers and the message of parables proclaimed in the church today.
Prerequisite: NT-101C
Terms Typically Offered: Spring.

## NT-462 Selected Themes/NT Theology 3 Credits

An advanced course for the study of important theological concepts of the New Testament. The focus will be twofold: the orthodox understanding of major doctrines in the light of their first-century environment, and the development of a basic methodology that will guide the student in the practice of theological interpretation of the New Testament. Core requirement for the religion major offered every spring. Prerequisite: NT-101C; THEO-101C or THEO-103C/H
Terms Typically Offered: Spring.

## NT-470 Special Topic: 1-3 Credits

Study of a special topic in New Testament. May be repeated for credit.

## NT-472 Synoptic Gospels 3 Credits

The study of the history and nature of the Synoptic Problem and the methods of Gospel research; and an overview of the content, characteristics, and theology of the first three Gospels.
Prerequisite: NT-101C
Terms Typically Offered: Spring.
NT-480 Individual Studies: 1-3 Credits
May be repeated for credit.

## NT-490 Seminar. 1-3 Credits

Mutual investigation of one topic in New Testament of particular relevance to upper division religion majors. May be repeated for credit.

## Old Testament

## OT-201 Old Testament Survey 3 Credits

Prerequisite to all upper division courses in Old Testament. An introductory study of the literature of the Old Testament, with a view toward appreciation of its content and historical development, with emphasis on theological themes such as creation, election, and redemption. (required for all Religion majors; meets Religion/Humanities requirement for other majors). (School for Professional Studies Course). Terms Typically Offered: Fall and Spring.

## OT-201C Old Testament Survey 3 Credits

Prerequisite to all upper division courses in Old Testament. An introductory study of the literature of the Old Testament, with a view toward appreciation of its content and historical development, with emphasis on theological themes such as creation, election, and redemption.
Terms Typically Offered: Fall and Spring.

## OT-291 Special Topic: 1 Credit

Study of a special topic relating to the Old Testament. May be repeated for credit.

## OT-292 Special Topic: 2 Credits

Study of a special topic relating to the Old Testament. May be repeated for credit.

## OT-293 Special Topic: 3 Credits

Study of a special topic relating to the Old Testament. May be repeated for credit.

## OT-306 Intermediate Hebrew I 3 Credits

Review and consolidation of grammar and syntax. Extensive reading in the narrative portions of the Old Testament for style and vocabulary. Offered alternate years.
Prerequisite: OT-201C, BLAN-204, BLAN-205; or demonstrated proficiency Terms Typically Offered: Fall.

## OT-307 Intermediate Hebrew II 3 Credits

Review and consolidation of grammar and syntax. Extensive reading in the narrative portions of the Old Testament for style and vocabulary. Offered alternate years.
Prerequisite: OT-201C, OT-306
Terms Typically Offered: Spring.

## OT-310 Psalms 3 Credits

A study of selected Psalms, especially noting the structure, language,
meaning, authorship, and historic setting of each.
Prerequisite: OT-201C
Terms Typically Offered: Spring.

## OT-320 Poetic \& Wisdom Literature 3 Credits

A study of the wisdom literature of the Old Testament with attention to the characteristic features and forms of Hebrew poetry and the role of wisdom in Israel. This course may include any of the following books: Job, Proverbs, Ecclesiastes, and the Song of Solomon.
Prerequisite: OT-201C
Terms Typically Offered: Fall.

## OT-330 Isaiah 1-39 3 Credits

Studies in the lives and literature of the Hebrew prophets. The following courses in the prophets will be scheduled: OT 330 Isaiah 1-39, OT
331 Isaiah 40-66, OT 332 Jeremiah, OT 333 Ezekiel, and OT 334 Minor Prophets.
Prerequisite: OT-201C
Terms Typically Offered: Fall.

## OT-331 Isaiah 40-66 3 Credits

Studies in the lives and literature of the Hebrew prophets. The following courses in the prophets will be scheduled: OT 330 Isaiah 1-39, OT
331 Isaiah 40-66, OT 332 Jeremiah, OT 333 Ezekiel, and OT 334 Minor Prophets.
Prerequisite: OT-201C
Terms Typically Offered: Fall.

## OT-332 Jeremiah 3 Credits

Studies in the lives and literature of the Hebrew prophets. The following courses in the prophets will be scheduled: OT 330 Isaiah 1-39, OT 331 Isaiah 40-66, OT 332 Jeremiah, OT 333 Ezekiel, and OT 334 Minor Prophets.
Prerequisite: OT-201C
Terms Typically Offered: Spring.

## OT-333 Prophetic Literature: Ezekiel 3 Credits

Studies in the lives and literature of the Hebrew prophets. The following courses in the prophets will be scheduled: OT 330 Isaiah 1-39, OT 331 Isaiah 40-66, OT 332 Jeremiah, OT 333 Ezekiel, and OT 334 Minor Prophets.
Prerequisite: OT-201C
Terms Typically Offered: Spring.

## OT-334 Minor Prophets 3 Credits

Studies in the lives and literature of the Hebrew prophets. The following courses in the prophets will be scheduled: OT 330 Isaiah 1-39, OT 331 Isaiah 40-66, OT 332 Jeremiah, OT 333 Ezekiel, and OT 334 Minor Prophets.
Prerequisite: OT-201C
Terms Typically Offered: Fall.

## OT-341 Genesis 3 Credits

An examination of the historical and legal formulations in Genesis through Deuteronomy in light of recent archaeological finds and critical research. The following courses will be included: OT 341 Genesis, OT 342 Exodus, OT 343 Leviticus, OT 344 Numbers, and OT 345 Deuteronomy. Prerequisite: OT-201C
Terms Typically Offered: Spring.

## OT-342 Exodus 3 Credits

An examination of the historical and legal formulations in Genesis through Deuteronomy in light of recent archaeological finds and critical research. The following courses will be included: OT 341 Genesis, OT 342 Exodus, OT 343 Leviticus, OT 344 Numbers, and OT 345 Deuteronomy. Prerequisite: OT-201C
Terms Typically Offered: Fall.

## OT-343 Leviticus 3 Credits

An examination of the historical and legal formulations in Genesis through Deuteronomy in light of recent archaeological finds and critical research. The following courses will be included: OT 341 Genesis, OT 342 Exodus, OT 343 Leviticus, OT 344 Numbers, and OT 345 Deuteronomy. Prerequisite: OT-201C

## OT-344 Numbers 3 Credits

An examination of the historical and legal formulations in Genesis through Deuteronomy in light of recent archaeological finds and critical research. The following courses will be included: OT 341 Genesis, OT 342 Exodus, OT 343 Leviticus, OT 344 Numbers, and OT 345 Deuteronomy. Prerequisite: MUST COMPLETE: OT-201C

## OT-345 Deuteronomy 3 Credits

An examination of the historical and legal formulations in Genesis through Deuteronomy in light of recent archaeological finds and critical research. The following courses will be included: OT 341 Genesis, OT 342 Exodus, OT 343 Leviticus, OT 344 Numbers, and OT 345 Deuteronomy. Prerequisite: OT-201C

## OT-406 Advanced Hebrew I 2 Credits

Syntactical and exegetical analysis of selected portions from the Hebrew Old Testament. Offered on demand.
Prerequisite: OT-201C, OT-306, OT-307 or demonstrated proficiency Terms Typically Offered: Fall.

## OT-407 Advanced Hebrew II 2 Credits

Syntactical and exegetical analysis of selected portions from the Hebrew Old Testament. Offered on demand.

## Prerequisite: OT-201C, OT-406

## OT-425 Women in the Books of Samuel 3 Credits

This course will examine the books of 1 and 2 Samuel with particular emphasis upon the female characters that occur within the narrative, and the concurrent development of David's character as made evident in the biblical text through his significant relationships with women. The course will provide significant opportunity for students to acquire and improve interpretive skills appropriate to the narrative form of biblical text. Special attention will be given to the important contributions of the David narrative to a theology of kingship and the ethics of power usage within community, major themes in the books of Samuel.
Prerequisite: OT-201C
Terms Typically Offered: Fall.

## OT-430 Women in Early Israel 3 Credits

This course will examine the role of women in early Israel and the theological significance of their inclusion in the biblical text. ÿA major portion of the course will be devoted to the study of selected female characters occurring in the books of Genesis through Judges. ÿThe course will provide significant opportunity for students to acquire and improve interpretive skills appropriate to the narrative form of biblical text. ÿAttention will also be given to relevant cultural realities of women in the ancient Near Eastern world.
Prerequisite: OT-201C
Terms Typically Offered: Spring.
OT-470 Special Topic: 1-3 Credits
Study of a special topic in Old Testament. May be repeated for credit.

## OT-472 Selected Themes/OT Theology 3 Credits

An exploration of the meaning of, and limits for, biblical theology, together with the works of certain prominent scholars in the area; and of selected motifs in the Old Testament. Core requirement for the religion major offered every fall.
Prerequisite: NT-101C, OT-201C; THEO-101C or THEO-103C/H
Terms Typically Offered: Fall.
OT-480 Individual Studies: 1-3 Credits
May be repeated for credit.
OT-490 Seminar: 3 Credits
Mutual investigation of one topic in Old Testament of particular relevance to upper division religion majors. May be repeated for credit.

## Pastoral Leadership Studies

PLST-291 Special Topic: 1 Credit
Study of a special topic in pastoral leadership. May be repeated for credit.

## PLST-292 Special Topic: 2 Credits

Study of a special topic in pastoral leadership. May be repeated for credit.
PLST-293 Special Topic: 3 Credits
Study of a special topic in pastoral leadership. May be repeated for credit.

## PLST-310 Intro/Christian Leadership 2 Credits

An introduction to a theology of leadership through the development of a healthy interior life; an understanding of a situational approach to leadership; and knowledge of the leader's role in the corporate vision, spirituality, and mission of the Christian community. Core requirement for the religion major offered every semester.
Terms Typically Offered: Fall and Spring.

## PLST-312 Intro/Pastoral Care 2 Credits

An introduction to a theology of care and counsel as a central focus of leadership-lay and vocational-in the mission and ministry of the Christian community. Core requirement for the religion major offered every spring. Prerequisite: NT101C, OT-201C; THEO-101C or THEO-103C/H Terms Typically Offered: Spring.

## PLST-314 Intro/Preaching \& Teaching 2 Credits

An introduction to the proclamation mission of communicating the gospel through teaching and preaching. Core requirement for the religion major offered every semester.
Prerequisite: BINT-270, NT-101C, OT-201C; THEO-101C or THEO-103C/H Terms Typically Offered: Fall and Spring.

PLST-372 Res/Meth/Study/Ethics/Chrs Ldr 3 Credits
Terms Typically Offered: Spring.
PLST-406C Music and Worship 3 Credits
Terms Typically Offered: Spring.

## PLST-420 Disciplines/Spiritual Life 3 Credits

A study of the biblical and theological foundations of spirituality within the Pentecostal/charismatic tradition. The emphasis will be on building a functioning spiritual life by the exercise of spiritual disciplines such as prayer, worship, community, fasting, and other disciplines. Core requirement for the religion major offered every fall.
Prerequisite: NT-101C, OT-201C; THEO-101C or THEO-103C/H
Terms Typically Offered: Fall.
PLST-423 Sociology of Religion 1-3 Credits
Terms Typically Offered: Spring.

## PLST-424 Pentecost-Charismat Movmnt 1-3 Credits

## PLST-425 Narrative/Expository Preaching 3 Credits

An examination of narrative and expository preaching methods as complementary styles of preaching to strengthen pulpit ministry. Prerequisite: PLST-314
Terms Typically Offered: Spring.

## PLST-430 Management/Christian Organztns 3 Credits

Exploring effective management from a systems perspective that examines the internal processes of a learning organization as well as its relationship with the environment. Selected topics will also include recruitment and training of volunteers, conflict management, team building, planning and financial management, and legal issues.

## Prerequisite: PLST-310

Terms Typically Offered: Spring.

## PLST-432 Women in Ministry 3 Credits

An overview of the biblical and contemporary views on the leadership roles of women in the church, and the relevance of women in ministry for the modern church.
Terms Typically Offered: Spring.

## PLST-440 Pastoral Care/Counseling 3 Credits

The application of counseling and guidance principles to the work of the pastor and other religious workers in the field of pastoral care, including the use of case studies in ministering to persons with illness, grief, home, youth, or other types of special problems.
Prerequisite: PLST-312
Terms Typically Offered: Fall.

## PLST-446 Parables/Preaching 3 Credits

An examination of the interrelationship between the meaning of the parables as Jesus spoke them to his original hearers and the message of parables proclaimed in the church today.
Prerequisite: NT-101C
Terms Typically Offered: Spring.

## PLST-449 Denominational Polity 1 Credit

Guided reading and discussion of official district and national constitutions and bylaws, and research in denominational history and doctrine. Designed for students seeking ministerial credentials with the Assemblies of God.
Terms Typically Offered: Fall.

PLST-347 Ministry and Media 3 Credits

## PLST-450 Ministerial Internship 3-12 Credits

The internship program is a full-time, one-semester course of intensive inservice ministerial training in an assigned church under the supervision of a pastor and religion faculty member. Specific internship modules may also be taken during two, three, or four semesters. A maximum number of twelve units may be taken for internship credit. Note: Application forms are available in the Department of Religion office.
Terms Typically Offered: Fall and Spring.

## PLST-455 Current Issues/Youth Ministry 3 Credits

Terms Typically Offered: Fall.

## PLST-457 Church Growth 3 Credits

PLST-460 Practicum 1-3 Credits
A learning experience which integrates classroom theory with practice through assigned responsibilities in local churches, hospitals, mission fields, or other appropriate institutions under supervision by both the onscene administrator and the religion faculty member. May be repeated for credit. Note: Application forms are available in the Department of Religion office.
Terms Typically Offered: Fall and Spring.

## PLST-461 Integrative Field Studies 3 Credits

Highly Recommended: PLST 450 or PLST 460A course designed to integrate theory with guided field experience in the student's chosen field. The intent is to reflect theologically in a ministry setting with special attention given to examining one's spiritual gifts, calling, identity, and preparation.
Prerequisite: PLST-310, PLST-312, PLST-314
Terms Typically Offered: Spring.

## PLST-470 Special Topic: 1-3 Credits

Study of a special topic in pastoral leadership. May be repeated for credit.
PLST-480 Ind Studies: 1-3 Credits
May be repeated for credit.
PLST-490 Seminar: 1-3 Credits
Mutual investigation of one topic in pastoral leadership of particular relevance to upper division religion majors. May be repeated for credit.

## Philosophy

## PHIL-201 Introduction to Philosophy 3 Credits

An introductory study which aims to provide a basic understanding of the nature and aims of philosophy, an acquaintance with some representative philosophical problems, an introduction to the methodology of philosophical inquiry, and a mastery of some of the terminology employed in philosophical discussion. This course does not fulfill a core curriculum requirement. Core requirement for the religion major offered every semester.
Terms Typically Offered: Fall and Spring.
PHIL-291 Special Topic: 1 Credit
Study of a special topic in philosophy. May be repeated for credit.
PHIL-292 Special Topic: 2 Credits
Study of a special topic in philosophy. May be repeated for credit.
PHIL-293 Special Topic: 3 Credits
Study of a special topic in philosophy. May be repeated for credit.

## PHIL-430 Ethics 3 Credits

The course provides an introduction to a variety of ethical theories and systems in order to formulate alternative perspectives for ethical analysis and decision making.
Prerequisite: PHIL-201

## PHIL-437 Philosophy of Religion 3 Credits

The course employs philosophical methodology to examine the problems of the nature, limits, and validity of religious knowledge; the meaning of religious language; and the origin and nature of evil. This course does not fulfill a core curriculum requirement.
Prerequisite: PHIL-201
Terms Typically Offered: Spring.

## PHIL-467 Beauty and the Christian Life 3 Credits

An exploration of the category of beauty as it is variously addressed within the Bible, historic and contemporary Christian theology, and philosophy. These sources will be considered so that students may begin developing their own constructive theology of beauty.
Prerequisite: THEO-101C or THEO-103C
Terms Typically Offered: Fall and Spring.
PHIL-470 Special Topic: 1-3 Credits
Study of a special topic in philosophy. May be repeated for credit.

## Theology

## THEO-101 Foundations of Christian Life 3 Credits

An introduction to Christian faith and life, embracing the primary
theological tenets and fundamental values that empower a Christian to address contemporary cultural issues, seek integrity in personal behavior, and respond to the great commission to reach the world. (meets Religion/Humanities requirement). (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## THEO-101C Foundations of Christian Life 3 Credits

An introduction to Christian faith and life, embracing the primary theological tenets and fundamental values that empower a Christian to address contemporary cultural issues, seek integrity in personal behavior, and respond to the great commission to reach the world.
Terms Typically Offered: Fall and Spring.
THEO-103 Introduction to Theology 3 Credits
An introductory study of the subject matter and scope of Christian theology. Examination is made of philosophical presuppositions, definition is sought for theological terms, and articulation of theological concepts is encouraged. Particular attention is given to the doctrinal tenets of the Assemblies of God. (Required for all religion majors/meets Religion/Humanities for all majors). (School for Professional Studies Course).
Terms Typically Offered: Fall, Spring, and Summer.

## THEO-103C Intro to Theology 3 Credits

An introductory study of the subject matter and scope of Christian theology. Examination is made of philosophical presuppositions, definition is sought for theological terms, and articulation of theological concepts is encouraged. Particular attention is given to the doctrinal tenets of the Assemblies of God. Students majoring in Religion (any concentration) must take THEO-103C to fulfill the core curriculum requirement in theology.
Terms Typically Offered: Fall and Spring.

## THEO-103H Introduction to Theology Honors 3 Credits

An introductory study of the subject matter and scope of Christian theology. Examination is made of philosophical presuppositions, definition is sought for theological terms, and articulation of theological concepts is encouraged. Particular attention is given to the doctrinal tenets of the Assemblies of God. This course is for honors students only. Terms Typically Offered: Fall.
THEO-291 Special Topic: 1 Credit
Study of a special topic in theology. May be repeated for credit.
THEO-292 Special Topic: 2 Credits
Study of a special topic in theology. May be repeated for credit.

## THEO-293 Special Topic: 3 Credits

Study of a special topic in theology. May be repeated for credit.
THEO-300C Developing a Christian World View 3 Credits
This course surveys the history of philosophical worldviews and life narratives as a background for understanding the challenges involved in developing a theology and ethic accountable to the biblical witness but contextual in a given culture. Theological currents leading to postmodernity will be explored through the lens provided by the questions and encounters that emerge from both western and nonwestern Christian perspectives.
Terms Typically Offered: Fall, Spring, and Summer.

## THEO-300H Developing a Christian World View 3 Credits

This course surveys the history of philosophical worldviews and life narratives as a background for understanding the challenges involved in developing a theology and ethic accountable to the biblical witness but contextual in a given culture. Theological currents leading to postmodernity will be explored through the lens provided by the questions and encounters that emerge from both western and nonwestern Christian perspectives.
Terms Typically Offered: Fall, Spring, and Summer.

## THEO-301 Christian Ethics 3 Credits

This course aims to investigate the moral implications of the Christian faith. Emphases will be placed on the theological nature of Christian ethical reflection, and the evaluation of specific moral issues from the vantage point of Christian faith.
Terms Typically Offered: Fall and Spring.

## THEO-318 Systematic Theology I Anthropology, Christology, Soteriology 3 Credits

Using Scripture and the church's historic theological wisdom, this course is a study of God's nature, the Trinity, creation, humankind as Imago Dei, the fall, Jesus Christ's person and salvific work, and the elements of salvation including justification, sanctification and glorification. Core requirement for the religion major offered every semester.
Prerequisite: NT-101C, OT-201C; THEO-101C or THEO-103C/H
Terms Typically Offered: Fall.

## THEO-320 Systematic Theology II: Pneumatology Ecclesiology, Eschatology 3 Credits

This course covers Pneumatology, Eccelsiology, and Eschatology. ÿUsing Scripture and the church's historic theological wisdom this course is a study of the Holy Spirit's person, work, and gifts, the church's nature and vocation, and the last things, including the resurrection, final judgment, and new creation. Core requirement for the religion major offered every semester.
Prerequisite: NT-101C, OT-201C; THEO-101C or THEO-103C/H
Terms Typically Offered: Spring.

## THEO-415 Intro to Narrative Theology 3 Credits

This course explores the implications of storytelling and narrative as a way of thinking about - and engaging in - the theological task. It is the assumption of this course that the conceptual categories of narrative are irreducible to other forms of thought and that they therefore represent a domain of knowledge, which possesses its own independent validity. Put differently, the think in story. For this reason, interpretation, which is sensitive to narrative form, may help to expose that value. It is the purpose of this course to develop the sensitivities necessary to understand this important dimension of religious expression.
Terms Typically Offered: Fall.

## THEO-432 Women in Ministry 3 Credits

An overview of the biblical and contemporary views on the leadership roles of women in the church, and the relevance of women in ministry for the modern church.
Terms Typically Offered: Spring.

## THEO-437 Philosophy of Religion 3 Credits

The course employs philosophical methodology to examine the problems of the nature, limits, and validity of religious knowledge; the meaning of religious language; and the origin and nature of evil. This course does not fulfill a core curriculum requirement.
Prerequisite: PHIL-201
Terms Typically Offered: Fall.

## THEO-467 Beauty and the Christian Life 3 Credits

An exploration of the category of beauty as it is variously addressed within the Bible, historic and contemporary Christian theology, and philosophy. These sources will be considered so that students may begin developing their own constructive theology of beauty.
Prerequisite: THEO-101C or THEO-103C/H
Terms Typically Offered: Spring.
THEO-470 Special Topic: 1-3 Credits
Study of a special topic in theology. May be repeated for credit.

## THEO-480 Individual Studies: 1-3 Credits

May be repeated for credit.

## THEO-490 Seminar: 3 Credits

Mutual investigation of one topic in theology of particular relevance to upper division religion majors. May be repeated for credit.

## THEO-499C Theo/Min/Post-Chrstn Context 3 Credits

Required of all religion majors during the senior year. This capstone course explores the changing role of pastoral, theological, and ethical reflection and practice in the contemporary context of shifting social realities. Particular attention is paid to the role of Pentecostalism within this matrix. Core requirement for the religion major offered every semester.
Terms Typically Offered: Fall and Spring.

## Women and Justice Studies

## WJST-P345 Human Trafficking 3 Credits

This course addresses trafficking based on the U.S. State Department model of Prevention, Protection, and Prosecution. Explores how trafficking happens, why it happens, and what can be done about it. For students interested in combatting human trafficking, this course offers a better understanding of professional career choices, as well as volunteer opportunities. The course includes guest speakers with indepth knowledge and experience in the field from law enforcement and victim services. Counts as elective toward Women \& Justice Minor. Terms Typically Offered: Fall, Spring, and Summer.

## WJST-P430 Csec 3 Credits

While discussing the theories of child development, early childhood trauma, and the stages of change, a key of the CSEC curriculum will be to identify strategies for early intervention with at-risk and vulnerable youth.
WJST-P432 Sex Trafficking 3 Credits
Topics examined will include understanding sex trafficking and its dynamics, prevention strategies, protection of victims, investigation and prosecution of cases using laws and policies regarding sex trafficking.

## WJST-P434 Human Trafficking \& Demand 3 Credits

Topics examines will include understanding types of demand, how demand impacts the extent of human trafficking, prevention strategies, protection of victims, investigation and prosecution of cases and policies regarding those who demand various linds of human trafficking.

## WJST-P435 Human Trafficking Surv. Care 3 Credits

In light of best practices, this course seeks to equip students with the knowledge needed to understand the holistic needs of human trafficking survivors as they begin their aftercare and restoration process.

## WJST-P437 Ht \& Collaborations 3 Credits

Students will investigate different types of collabrative strategies, and how to build effective partnerships to enhance anti-trafficking efforts, both domestically and internationally.

## WJST-P439 Human Trafficking Prevention 3 Credits

Students will explore different types of prevention challenges and models and determine which prevention activities and processes may enhace anti-traffikcing efforts in their locations and areas of expertise.

## WJST-P440 Ethics \& Human Trafficking 3 Credits

Students will investigate the responsibility of business, consumers and media through the lents of a biblical ethics framework related to Human Dignity and Purpose in relation to trafficking.
Prerequisite: WJST-345 or consent of instructor
Terms Typically Offered: Fall, Spring, and Summer.

## WJST-P444 Ht Investigations 3 Credits

Topics examined will include understanding investigations, how they can impact human trafficking efforts, protection and invterviewing of victims, how investigations inform effective prosecution of cases and policies regarding investigating human trafficking situations.

## WJST-P445 Labor Trafficking 3 Credits

The issues around labor trafficking will be explored. Both domestic an international labor trafficking will be discussed. Topics examined will include the extent of the problem and its relation to other forms of human trafficking, prevention strategies, protection of victims, investigation and prosecution of cases, policies regarding labor trafficking, and partnerhips and collaborations impacting labor trafficking locally and globally.

WJST-P447 Ht \& the Smuggling of Migrants 3 Credits
The issues around human trafficking and the smuggling of migrants will be explored and discussed. Risk factors and circumstances leading to populations being vulnerable to being exploited while attempting to migrate to other countries and internally displaced will be explored. The course will review how the smuggling of migrants can lead to human trafficking and propose alternate strategies for identifying smuggled migrants and preventing them from being exploited in human trafficking and other transnational crime.

## WJST-P449 Ht Grant Managemen 3 Credits

The issues around human trafficking grant writing and management will be addressed. Federal, State and Foundation grant opportunities will be discussed. Topics explored will include finding grant opportuntiites, how to effectively write grants that address the topics solicited, submission of grants, and how to manage grants received for anti-trafficking efforts. Students will determine different types of collaborative strategies to enhance grant submissions and how to build effective partnerships to enhance grant writing and management efforts.

## WJST-PNC345 Human Trafficking 0 Credits

This course addresses trafficking based on the U.S. State Department model of Prevention, Protection, and Prosecution. Explores how trafficking happens, why it happens, and what can be done about it. For students interested in combatting human trafficking, this course offers a better understanding of professional career choices, as well as volunteer opportunities. The course includes guest speakers with indepth knowledge and experience in the field from law enforcement and victim services. Counts as elective toward Women \& Justice Minor. Terms Typically Offered: Fall, Spring, and Summer.

## WJST-PNC430 Csec 0 Credits

While discussing the theories of child development, early childhood trauma, and the stages of change, a key of the CSEC curriculum will be to identify strategies for early intervention with at-risk and vulnerable youth.

## WJST-PNC432 Sex Trafficking 0 Credits

Topics examined will include understanding sex trafficking and its dynamics, prevention strategies, protection of victims, investigation and prosecution of cases using laws and policies regarding sex trafficking.

## WJST-PNC434 Human Trafficking and Demand 0 Credits

Topics examines will include understanding types of demand, how demand impacts the extent of human trafficking, prevention strategies, protection of victims, investigation and prosecution of cases and policies regarding those who demand various linds of human trafficking.

## WJST-PNC435 Human Trafficking Surv. Care 0 Credits

In light of best practices, this course seeks to equip students with the knowledge needed to understand the holistic needs of human trafficking survivors as they begin their aftercare and restoration process.

## WJST-PNC437 Human Trafficking and Collaborations 0 Credits

Students will investigate different types of collabrative strategies, and how to build effective partnerships to enhance anti-trafficking efforts, both domestically and internationally.

## Prerequisite: WJST-345

## WJST-PNC439 Human Trafficking Prevention 0 Credits

Students will explore different types of prevention challenges and models and determine which prevention activities and processes may enhace anti-traffikcing efforts in their locations and areas of expertise.

## WJST-PNC440 Ethics \& Human Trafficking 0 Credits

Students will investigate the responsibility of business, consumers and media through the lents of a biblical ethics framework related to Human Dignity and Purpose in relation to trafficking.
Terms Typically Offered: Fall, Spring, and Summer.

## WJST-PNC442 Faith-Based Responses to Ht 0 Credits

Students will explore faith-based organizations' (FBOs) roles in antihuman trafficking collaborations, how they can contribute to prevention, protection of survivors and human trafficking investigations and prosecutions at local and global levels.

## WJST-PNC444 Ht Investigations 0 Credits

Topics examined will include understanding investigations, how they can impact human trafficking efforts, protection and invterviewing of victims, how investigations inform effective prosecution of cases and policies regarding investigating human trafficking situations.

## WJST-PNC445 Labor Traffcking 0 Credits

The issues around human trafficking and the smuggling of migrants will be explored and discussed. Risk factors and circumstances leading to populations being vulnerable to being exploited while attempting to migrate to other countries and internally displaced will be explored. The course will review how the smuggling of migrants can lead to human trafficking and propose alternate strategies for identifying smuggled migrants and preventing them from being exploited in human trafficking and other transnational crime.

## WJST-PNC447 Ht \& Smuggling of Migrants 0 Credits

## WJST-PNC449 Ht Grant Management 0 Credits

The issues around human trafficking grant writing and management will be addressed. Federal, State and Foundation grant opportunities will be discussed. Topics explored will include finding grant opportuntiites, how to effectively write grants that address the topics solicited, submission of grants, and how to manage grants received for anti-trafficking efforts. Students will determine different types of collaborative strategies to enhance grant submissions and how to build effective partnerships to enhance grant writing and management efforts

## WJST-110 Introduction to Women and Justice 2 Credits

An introductory course to the study of women and contemporary gender issues in society. This course will focus on such issues as the necessity for the study of women, gender as a cultural construct, theological interpretations of gender, and gender as perceived in history and literature. This course is part of the core requirement for a minor in Women \& Justice Minor.
Terms Typically Offered: Spring.

## WJST-212 Ensure Justice Conference Studies 1 Credit

Students are required to attend one conference sponsored by the Global Center for Women and Justice. A faculty member in the discipline covered by the conference theme will determine course work. May be repeated for credit.

## WJST-345 Human Trafficking 3 Credits

This course addresses trafficking based on the U.S. State Department model of Prevention, Protection, and Prosecution. Explores how trafficking happens, why it happens, and what can be done about it. For students interested in combatting human trafficking, this course offers a better understanding of professional career choices, as well as volunteer opportunities. The course includes guest speakers with indepth knowledge and experience in the field from law enforcement and victim services. Counts as elective toward Women \& Justice Minor. Terms Typically Offered: Fall, Spring, and Summer.

## WJST-410 Research in Women's Studies 3 Credits

This course is designed to assist the student in integrating the multi-faceted aspects of women's issues into a final paper. Working in cooperation with the professor, the student will design and methodically research and write a major paper that reflects an advanced understanding of women in the context of the chosen subject area. Papers from this class will be presented in a public colloquium toward the end of the semester and submitted for publication.
Prerequisite: WJST-110, WJST-212

## WJST-420 Country Study Abroad: [Topical Area] 3 Credits

Country study abroad opportunities provide intensive examinations of human trafficking in specific countries. The course requires a brief survey of the region with a focus on contemporary human trafficking and slavery as well as a review of relevant causes of exploitation specific to nations. Course work will be completed online and with in-country practicum designed to reinforce learning objectives. This course may be repeated for credit in new contexts. Additional fees will be required.
Prerequisite: WJST-110 and approval of the GCWJ Office.
WJST-430 Commercial Sexual Exploitation of Children 3 Credits While discussing the theories of child development, early childhood trauma, and the stages of change, a key of the CSEC curriculum will be to identify strategies for early intervention with at-risk and vulnerable youth. Prerequisite: WJST-345 or consent of instructor

## WJST-432 Sex Trafficking 3 Credits

Topics examined will include understanding sex trafficking and its dynamics, prevention strategies, protection of victims, investigation and prosecution of cases using laws and policies regarding sex trafficking.

WJST-434 Human Trafficking and Demand 3 Credits
Topics examines will include understanding types of demand, how demand impacts the extent of human trafficking, prevention strategies, protection of victims, investigation and prosecution of cases and policies regarding those who demand various linds of human trafficking. Prerequisite: WJST-345

## WJST-435 Human Trafficking Survivor Care 3 Credits

In light of best practices, this course seeks to equip students with the knowledge needed to understand the holistic needs of human trafficking survivors as they begin their aftercare and restoration process.
Prerequisite: WJST-345 or consent of instructor

## WJST-437 Human Trafficking and Collaborations 3 Credits

Students will investigate different types of collabrative strategies, and how to build effective partnerships to enhance anti-trafficking efforts, both domestically and internationally.
Prerequisite: WJST-345

WJST-439 Human Trafficking Prevention 3 Credits
Students will explore different types of prevention challenges and models and determine which prevention activities and processes may enhace anti-traffikcing efforts in their locations and areas of expertise.
Prerequisite: WJST-345
WJST-440 Ethics \& Human Trafficking 3 Credits
Students will investigate the responsibility of business, consumers and media through the lents of a biblical ethics framework related to Human Dignity and Purpose in relation to trafficking.
Prerequisite: WJST-345 or consent of instructor
Terms Typically Offered: Fall, Spring, and Summer.
WJST-442 Faith-Based Reponse to Human Trafficking 3 Credits Students will explore faith-based organizations' (FBOs) roles in antihuman trafficking collaborations, how they can contribute to prevention, protection of survivors and human trafficking investigations and prosecutions at local and global levels.
Prerequisite: WJST-345

## WJST-444 Ht Investigations 3 Credits

Topics examined will include understanding investigations, how they can impact human trafficking efforts, protection and invterviewing of victims, how investigations inform effective prosecution of cases and policies regarding investigating human trafficking situations.
Prerequisite: WJST-345

## WJST-445 Labor Trafficking 3 Credits

The issues around labor trafficking will be explored. Both domestic an international labor trafficking will be discussed. Topics examined will include the extent of the problem and its relation to other forms of human trafficking, prevention strategies, protection of victims, investigation and prosecution of cases, policies regarding labor trafficking, and partnerhips and collaborations impacting labor trafficking locally and globally.
Prerequisite: WJST-345 or consent of instructor
Terms Typically Offered: Fall, Spring, and Summer.
WJST-447 Human Trafficking/Smuggling of Migrants 3 Credits
The issues around human trafficking and the smuggling of migrants will be explored and discussed. Risk factors and circumstances leading to populations being vulnerable to being exploited while attempting to migrate to other countries and internally displaced will be explored. The course will review how the smuggling of migrants can lead to human trafficking and propose alternate strategies for identifying smuggled migrants and preventing them from being exploited in human trafficking and other transnational crime.
Prerequisite: WJST-345

## WJST-449 Human Trafficking Grant Management 3 Credits

The issues around human trafficking grant writing and management will be addressed. Federal, State and Foundation grant opportunities will be discussed. Topics explored will include finding grant opportuntiites, how to effectively write grants that address the topics solicited, submission of grants, and how to manage grants received for anti-trafficking efforts. Students will determine different types of collaborative strategies to enhance grant submissions and how to build effective partnerships to enhance grant writing and management efforts.
Prerequisite: WJST-435

WJST-450 Global Center for Women and Justice Internship 1-3 Credits Students select an internship from the repertoire of projects the Global Center for Women and Justice is currently working on. Students may alternatively choose an externship with one of GCWJ's partner organizations. Students earn one course of credit for every 30 hours of interning. Course credit also requires short readings and reflection papers. Course may be repeated once. Students need to be on the WJST Minor track.

## WJST-452 Women's Studies Teaching Internship 1-3 Credits

Regular hours each week for classes and/or meetings are established at the beginning of the semester. The intern will assist the instructor in course-related activities. May be repeated for a maximum of 3 units. Open to juniors or seniors with a GPA or 3.0 or above with the permission of the instructor.
Prerequisite: WJST-110

## WJST-455 Research Assistantship 1-3 Credits

The undergraduate research assistantship engages students in original research projects of the faculty or student's own design. Its aim is to apply those skills learned in prior research design and methodology coursework and/or expand on these as appropriate to the student's skill set. The student assistant will be assigned to work on various steps of the research process from the formulation of the problem through the analysis of the data and preparation of the research report in written and/ or oral formats. A research agenda will be developed with each student, which then becomes the guide for the class. Students will meet with instructor weekly to discuss findings and progress. May be repeated for credit up to 6 units.
Prerequisite: WMST-1 10 and consent of instructor

## WJST-470 Special Topic: 3 Credits

This course concentrates on a particular issue relevant to Women's Studies students such as gender theory, gender pedagogy, women's health, women and patriarchy, women in business, or motherhood. May be repeated for credit as new course topics are developed.
Prerequisite: WJST-110

## Youth Leadership Studies

## YLST-291 Special Topic: 1 Credit

Study of a special topic in youth leadership. May be repeated for credit.

## YLST-292 Special Topic: 2 Credits

Study of a special topic in youth leadership. May be repeated for credit.
YLST-293 Special Topic: 3 Credits
Study of a special topic in youth leadership. May be repeated for credit.

## YLST-324 Intro/Youth Ministry 2 Credits

A development of a theology and philosophy of youth ministry with attention given to the developmental needs of adolescents as well as the character and cultivation of the youth minister.
Terms Typically Offered: Fall.

## YLST-345 Camp Leadership 3 Credits

The study of the organization and direction of various camping and recreational situations. Leadership principles are integrated into a working model of recreation and camping for both Christian and secular fields of employment.
Terms Typically Offered: Spring.

## YLST-455 Current Issues/Youth Ministry 3 Credits

An exploration of adolescent development, culture, and socialization as an integration point for effective youth ministry. Discussion of current issues in youth ministry will serve to provide students with foundations necessary for contemporary youth ministry.
Terms Typically Offered: Spring.

## YLST-460 Practicum 1-3 Credits

A learning experience which integrates classroom theory with practice through assigned responsibilities in local churches, mission fields, or other appropriate ministries under supervision by both the on-scene administrator and the religion faculty member. May be repeated for credit. Note: Application forms are available in the Department of Religion office.

## YLST-470 Special Topic: 1-3 Credits

Study of a special topic in youth leadership. May be repeated for credit.
YLST-480 Individual Studies: 1-4 Credits
May be repeated for credit.

## YLST-490 Seminar: 1-3 Credits

Mutual investigation of one topic in youth leadership studies of particular relevance to upper division religion majors. May be repeated for credit. Terms Typically Offered: Spring.

## Anti-Human Trafficking Certificate Requirements

A 12 unit Anti-Human Trafficking Certificate includes four courses. Completion of this study will build a foundation for field practitioners and the certificate will establish a baseline of expected knowledge among professionals.

## Code <br> Title <br> Units

Required courses:

| WJST-345 | Human Trafficking | 3 |
| :--- | :--- | ---: |
| WJST-440 | Ethics \& Human Trafficking | 3 |
| Chose two of the following courses: | 6 |  |
| WJST-430 | Commercial Sexual Exploitation of Children |  |
| WJST-432 | Sex Trafficking |  |
| WJST-434 | Human Trafficking and Demand |  |
| WJST-435 | Human Trafficking Survivor Care |  |
| WJST-437 | Human Trafficking and Collaborations |  |
| WJST-439 | Human Trafficking Prevention |  |
| WJST-442 | Faith-Based Reponse to Human Trafficking |  |
| WJST-444 | Ht Investigations |  |
| WJST-445 | Labor Trafficking |  |
| WJST-447 | Human Trafficking/Smuggling of Migrants |  |
| WJST-449 | Human Trafficking Grant Management |  |

Total Units

## Courses

The courses listed below are offered as part of the Anti-Human Trafficking Certificate and academic minor in Women's Studies. Courses are taught in both The College and Professional Studies and NonTraditional Education programs

## Women and Justice

## WJST-110 Introduction to Women and Justice 2 Credits

An introductory course to the study of women and contemporary gender issues in society. This course will focus on such issues as the necessity for the study of women, gender as a cultural construct, theological interpretations of gender, and gender as perceived in history and literature. This course is part of the core requirement for a minor in Women \& Justice Minor.
Terms Typically Offered: Spring.

## WJST-212 Ensure Justice Conference Studies 1 Credit

Students are required to attend one conference sponsored by the Global Center for Women and Justice. A faculty member in the discipline covered by the conference theme will determine course work. May be repeated for credit.

## WJST-345 Human Trafficking 3 Credits

This course addresses trafficking based on the U.S. State Department model of Prevention, Protection, and Prosecution. Explores how trafficking happens, why it happens, and what can be done about it. For students interested in combatting human trafficking, this course offers a better understanding of professional career choices, as well as volunteer opportunities. The course includes guest speakers with indepth knowledge and experience in the field from law enforcement and victim services. Counts as elective toward Women \& Justice Minor. Terms Typically Offered: Fall, Spring, and Summer.

## WJST-410 Research in Women's Studies 3 Credits

This course is designed to assist the student in integrating the multi-faceted aspects of women's issues into a final paper. Working in cooperation with the professor, the student will design and methodically research and write a major paper that reflects an advanced understanding of women in the context of the chosen subject area. Papers from this class will be presented in a public colloquium toward the end of the semester and submitted for publication.

## Prerequisite: WJST-110, WJST-212

## WJST-420 Country Study Abroad: [Topical Area] 3 Credits

Country study abroad opportunities provide intensive examinations of human trafficking in specific countries. The course requires a brief survey of the region with a focus on contemporary human trafficking and slavery as well as a review of relevant causes of exploitation specific to nations. Course work will be completed online and with in-country practicum designed to reinforce learning objectives. This course may be repeated for credit in new contexts. Additional fees will be required. Prerequisite: WJST-110 and approval of the GCWJ Office.

WJST-430 Commercial Sexual Exploitation of Children 3 Credits While discussing the theories of child development, early childhood trauma, and the stages of change, a key of the CSEC curriculum will be to identify strategies for early intervention with at-risk and vulnerable youth. Prerequisite: WJST-345 or consent of instructor

## WJST-432 Sex Trafficking 3 Credits

Topics examined will include understanding sex trafficking and its dynamics, prevention strategies, protection of victims, investigation and prosecution of cases using laws and policies regarding sex trafficking.

## WJST-434 Human Trafficking and Demand 3 Credits

Topics examines will include understanding types of demand, how demand impacts the extent of human trafficking, prevention strategies, protection of victims, investigation and prosecution of cases and policies regarding those who demand various linds of human trafficking. Prerequisite: WJST-345

## WJST-435 Human Trafficking Survivor Care 3 Credits

In light of best practices, this course seeks to equip students with the knowledge needed to understand the holistic needs of human trafficking survivors as they begin their aftercare and restoration process.
Prerequisite: WJST-345 or consent of instructor

## WJST-437 Human Trafficking and Collaborations 3 Credits

Students will investigate different types of collabrative strategies, and how to build effective partnerships to enhance anti-trafficking efforts, both domestically and internationally.
Prerequisite: WJST-345

## WJST-439 Human Trafficking Prevention 3 Credits

Students will explore different types of prevention challenges and models and determine which prevention activities and processes may enhace anti-traffikcing efforts in their locations and areas of expertise.
Prerequisite: WJST-345

## WJST-440 Ethics \& Human Trafficking 3 Credits

Students will investigate the responsibility of business, consumers and media through the lents of a biblical ethics framework related to Human Dignity and Purpose in relation to trafficking.
Prerequisite: WJST-345 or consent of instructor
Terms Typically Offered: Fall, Spring, and Summer.
WJST-442 Faith-Based Reponse to Human Trafficking 3 Credits Students will explore faith-based organizations' (FBOs) roles in antihuman trafficking collaborations, how they can contribute to prevention, protection of survivors and human trafficking investigations and prosecutions at local and global levels.
Prerequisite: WJST-345

## WJST-444 Ht Investigations 3 Credits

Topics examined will include understanding investigations, how they can impact human trafficking efforts, protection and invterviewing of victims, how investigations inform effective prosecution of cases and policies regarding investigating human trafficking situations.
Prerequisite: WJST-345

## WJST-445 Labor Trafficking 3 Credits

The issues around labor trafficking will be explored. Both domestic an international labor trafficking will be discussed. Topics examined will include the extent of the problem and its relation to other forms of human trafficking, prevention strategies, protection of victims, investigation and prosecution of cases, policies regarding labor trafficking, and partnerhips and collaborations impacting labor trafficking locally and globally. Prerequisite: WJST-345 or consent of instructor Terms Typically Offered: Fall, Spring, and Summer.

WJST-447 Human Trafficking/Smuggling of Migrants 3 Credits
The issues around human trafficking and the smuggling of migrants will be explored and discussed. Risk factors and circumstances leading to populations being vulnerable to being exploited while attempting to migrate to other countries and internally displaced will be explored. The course will review how the smuggling of migrants can lead to human trafficking and propose alternate strategies for identifying smuggled migrants and preventing them from being exploited in human trafficking and other transnational crime.
Prerequisite: WJST-345

## WJST-449 Human Trafficking Grant Management 3 Credits

The issues around human trafficking grant writing and management will be addressed. Federal, State and Foundation grant opportunities will be discussed. Topics explored will include finding grant opportuntiites, how to effectively write grants that address the topics solicited, submission of grants, and how to manage grants received for anti-trafficking efforts. Students will determine different types of collaborative strategies to enhance grant submissions and how to build effective partnerships to enhance grant writing and management efforts.
Prerequisite: WJST-435
WJST-450 Global Center for Women and Justice Internship 1-3 Credits Students select an internship from the repertoire of projects the Global Center for Women and Justice is currently working on. Students may alternatively choose an externship with one of GCWJ's partner organizations. Students earn one course of credit for every 30 hours of interning. Course credit also requires short readings and reflection papers. Course may be repeated once. Students need to be on the WJST Minor track.

## WJST-452 Women's Studies Teaching Internship 1-3 Credits

Regular hours each week for classes and/or meetings are established at the beginning of the semester. The intern will assist the instructor in course-related activities. May be repeated for a maximum of 3 units. Open to juniors or seniors with a GPA or 3.0 or above with the permission of the instructor.
Prerequisite: WJST-110

## WJST-455 Research Assistantship 1-3 Credits

The undergraduate research assistantship engages students in original research projects of the faculty or student's own design. Its aim is to apply those skills learned in prior research design and methodology coursework and/or expand on these as appropriate to the student's skill set. The student assistant will be assigned to work on various steps of the research process from the formulation of the problem through the analysis of the data and preparation of the research report in written and/ or oral formats. A research agenda will be developed with each student, which then becomes the guide for the class. Students will meet with instructor weekly to discuss findings and progress. May be repeated for credit up to 6 units.
Prerequisite: WMST-110 and consent of instructor

## WJST-470 Special Topic: 3 Credits

This course concentrates on a particular issue relevant to Women's Studies students such as gender theory, gender pedagogy, women's health, women and patriarchy, women in business, or motherhood. May be repeated for credit as new course topics are developed.
Prerequisite: WJST-110

# Theology B.A. with a Concentration in Biblical Studies 

## Requirements

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements $(\mathrm{p} .62)^{1}$ | 55 |
| Theology Major Core Requirements | 38 |
| Biblical Studies Concentration Requirements | $\mathbf{2 9}$ |
| Total Units | $\mathbf{1 2 2}$ |

## Theology Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| BINT-270 | Resrch Meth/Study of Scripture | 3 |
| BLAN-101 | Introduction to Biblical Lang. | 3 |
| ICST-272 | Theology/Church Mission | 2 |
| ICST-288 | Theology in an Intercultural Context | 3 |
| NT-462 | Selected Themes/NT Theology | 3 |
| OT-472 | Selected Themes/OT Theology | 3 |
| PHIL-201 | Introduction to Philosophy | 3 |
| PLST-310 | Intro/Christian Leadership | 2 |
| PLST-312 | Intro/Pastoral Care | 2 |
| PLST-314 | Intro/Preaching \& Teaching | 2 |
| PLST-420 | Disciplines/Spiritual Life | 3 |
| THEO-318 | Systematic Theology I Anthropology, Christology, | 3 |
| THEO-320 | Soteriology | Systematic Theology II: Pneumatology |
| THEO-499C | Ecclesiology, Eschatology | 3 |
| Total Units |  | 38 |

Note: The configuration of the Theology Major Core Requirements is built upon the Core Curriculum courses in Theology (see Core Curriculum section of this catalog)

## Biblical Studies Concentration Requirements

| Code | Title | Units |
| :---: | :---: | :---: |
| Select one of the following sets: |  | 8 |
| BLAN-201 <br> \& BLAN-202 | Beginning Greek I and Beginning Greek II |  |
| BLAN-204 <br> \& BLAN-205 | Beginning Hebrew I and Beginning Hebrew II |  |
| Upper Division Biblical Interpretation (BINT)/New Testament (NT)/ Old Testament (OT) Elective ${ }^{2}$ |  | 6 |
| Church History (CHIS) Elective |  | 3 |
| Upper Division New Testament (NT) Elective ${ }^{2}$ |  | 3 |
| Upper Division Old Testament (OT) Elective ${ }^{2}$ |  | 3 |
| Upper Division Philosophy (PHIL)/Theology (THEO) Electives ${ }^{2}$ |  | 6 |
| Total Units |  | 29 |

Number of units required from the Core Curriculum not included in the major requirements below.

Upper Division course are those numbered at the 300 and 400 level.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Theology.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :---: | :---: | :---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| NT-101C | New Testament Survey | 3 |
| BLAN-101 | Introduction to Biblical Lang. | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | 16 |
| Year 1 Term 2 |  |  |
| THEO-103C | Intro to Theology | 3 |
| MATH-PLCR | Math Core Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| HSPS-PLCR | History/Political Sci Core Requirement | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
|  | Units | 15 |
| Year 2 Term 1 |  |  |
| BLAN-PLHD1 | Biblical Language Req 1 | 4 |
| OT-201C | Old Testament Survey | 3 |
| ENGL-220C | Researched Writing | 3 |
| ICST-272 | Theology/Church Mission | 2 |
| ICST-288 | Theology in an Intercultural Context | 3 |
|  | Units | 15 |


| Year 2 Term 2 |  |  |
| :--- | :--- | ---: |
| BLAN-PLHD2 | Biblical Language Req 2 | 4 |
| BINT-270 | Resrch Meth/Study of Scripture | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
| PHIL-201 | Introduction to Philosophy | 3 |
|  | Units | $\mathbf{1 7}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | ---: |
| ENGL-230C | Literature and the Human Experience | 3 |
| PLST-310 | Intro/Christian Leadership | 2 |
| PLST-420 | Disciplines/Spiritual Life | 3 |
| BINT-PLUD3 | BINT NT or OT U/D Elective | 3 |
| THEO-318 | Systematic Theology I Anthropology, | 3 |
|  | Christology, Soteriology |  |


| Year 3 Term 2 |  |  |
| :--- | :--- | ---: |
| THEO-300C | Developing a Christian World View | 3 |
| PLST-312 | Intro/Pastoral Care | 2 |
| PLST-314 | Intro/Preaching \& Teaching | 2 |
| OT-PLUD | OT U/D Elective | 3 |
| THEO-320 | Systematic Theology II: Pneumatology | 3 |
|  | Ecclesiology, Eschatology |  |
| BINT-PLUD3 | BINT NT or OT U/D Elective |  |
|  | Units | $\mathbf{1 6}$ |

## Year 4 Term 1

OT-472 Selected Themes/OT Theology 3
NT-PLUD NT Upper Division Elective 3
CHIS-400C Christian Heritage 3
CHIS-PLUD CHIS U/D elective 3

Units 12

| Year 4 Term 2 |  |  |
| :--- | :--- | ---: |
| NT-462 | Selected Themes/NT Theology | 3 |
| THEO-PLUD | THEO or PHIL U/D Elective | 3 |
| THEO-499C | Theo/Min/Post-Chrstn Context | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
|  | Units | $\mathbf{1 2}$ |
|  | Total Units | $\mathbf{1 1 7}$ |

## Theology B.A. with a Concentration in Christian Formation and Discipleship Studies

## Requirements

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements $(\text { p. 62 })^{1}$ | 55 |
| Theology Major Core Requirements | 38 |


| Christian Formation and Discipleship Studies Concentration | 33 |
| :--- | :---: |
| Requirements |  |
| Total Units | $\mathbf{1 2 6}$ |


| Theology | Major Core Requirements |  |
| :--- | :--- | ---: |
| Code | Title | Units |
| BINT-270 | Resrch Meth/Study of Scripture | 3 |
| BLAN-101 | Introduction to Biblical Lang. | 3 |
| ICST-272 | Theology/Church Mission | 2 |
| ICST-288 | Theology in an Intercultural Context | 3 |
| NT-462 | Selected Themes/NT Theology | 3 |
| OT-472 | Selected Themes/OT Theology | 3 |
| PHIL-201 | Introduction to Philosophy | 3 |
| PLST-310 | Intro/Christian Leadership | 2 |
| PLST-312 | Intro/Pastoral Care | 2 |
| PLST-314 | Intro/Preaching \& Teaching | 2 |
| PLST-420 | Disciplines/Spiritual Life | 3 |
| THEO-318 | Systematic Theology I Anthropology, Christology, | 3 |
| THEO-320 | Soteriology | 3 |
| THEO-499C | Systematic Theology II: Pneumatology | 3 |
| Total Units | Ecclesiology, Eschatology | 38 |

Note: The configuration of the Theology Major Core Requirements is built upon the Core Curriculum courses in Theology (see Core Curriculum section of this catalog)

## Christian Formation and Discipleship Studies Concentration Requirements

| Code | Title | Units |
| :---: | :---: | :---: |
| CFST-101 | Intro/Chrstn Formtn/Discplshp | 2 |
| ICST-102 | Intro/Intercultural Studies | 3 |
| PLST-430 | Management/Christian Organztns | 3 |
| PLST-461 | Integrative Field Studies | 3 |
| Select two of the following courses: |  | 4 |
| CFST-322 | Christn Formation of Children |  |
| YLST-324 | Intro/Youth Ministry |  |
| CFST-326 | Adult Formation/Discipleship |  |
| Upper Division Biblical Interpretation (BINT)/New Testament (NT)/ Old Testament (OT) Elective ${ }^{2}$ |  | 3 |
| Church History (CHIS) Elective |  | 3 |
| Upper Division New Testament (NT) Elective ${ }^{2}$ |  | 3 |
| Upper Division Old Testament (OT) Elective ${ }^{2}$ |  | 3 |
| Upper Division Philosophy (PHIL)/Theology (THEO) Electives ${ }^{2}$ |  | 6 |
| Total Units |  | 33 |
| 1 |  |  |
| Number of units required from the Core Curriculum not included in the major requirements below. |  |  |

2
Upper Division course are those numbered at the 300 and 400 level.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Theology.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| NT-101C | New Testament Survey | 3 |
| BLAN-101 | Introduction to Biblical Lang. | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | 16 |
| Year 1 Term 2 |  | 3 |
| THEO-103C | Intro to Theology | 3 |
| MATH-PLCR | Math Core Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| HSPS-PLCR | History/Political Sci Core Requirement | 3 |
| ICST-102 | Intro/Intercultural Studies | $\mathbf{3}$ |
|  | Units | $\mathbf{3}$ |
| Year 2 Term 1 |  | 3 |
| OT-201C | Old Testament Survey | 3 |
| ENGL-220C | Researched Writing | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| ICST-272 | Theology/Church Mission | 3 |
| HICST-288 | Theology in an Intercultural Context | 3 |
| FINT-270 2 Term 2 | History Core Requirement (World Civ) | 3 |
|  | Units | 3 |
|  | Fine Arts Core Curriculum Requirement | 3 |
|  |  | 3 |


| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
| :--- | :--- | ---: |
| PHIL-201 | Introduction to Philosophy | 3 |
| CFST-101 | Intro/Chrstn Formtn/Discplshp | 2 |
|  | Units | $\mathbf{1 5}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | :--- |
| ENGL-230C | Literature and the Human Experience | 3 |
| PLST-310 | Intro/Christian Leadership | 2 |
| PLST-420 | Disciplines/Spiritual Life | 3 |
| YLST-324 | Intro/Youth Ministry | 2 |
| THEO-PLUD | THEO or PHIL U/D Elective | 3 |
| THEO-318 | Systematic Theology I Anthropology, | $\mathbf{3}$ |
|  | Christology, Soteriology | $\mathbf{1 6}$ |


| Year $\mathbf{3}$ Term $\mathbf{2}$ |  | 3 |
| :--- | :--- | :--- |
| THEO-300C | Developing a Christian World View | $\mathbf{2}$ |
| PLST-312 | Intro/Pastoral Care | 3 |
| CFST-PLUD | CFST U/D elective | 3 |
| BINT-PLUD3 | BINT NT or OT U/D Elective | 3 |
| OT-PLUD | OT U/D Elective | $\mathbf{3}$ |
| THEO-320 | Systematic Theology II: Pneumatology |  |
|  | Ecclesiology, Eschatology | $\mathbf{1 7}$ |

Year 4 Term 1

| OT-472 | Selected Themes/OT Theology | 3 |
| :--- | :--- | ---: |
| NT-PLUD | NT Upper Division Elective | 3 |
| CHIS-400C | Christian Heritage | 3 |
| CHIS-PLUD | CHIS U/D elective | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | $\mathbf{1 5}$ |

Year 4 Term 2

| NT-462 | Selected Themes/NT Theology | 3 |
| :--- | :--- | ---: |
| THEO-PLUD | THEO or PHIL U/D Elective | 3 |
| THEO-499C | Theo/Min/Post-Chrstn Context | 3 |
| PLST-430 | Management/Christian Organztns | 3 |
| PLST-461 | Integrative Field Studies | $\mathbf{3}$ |
|  | Units | $\mathbf{1 5}$ |
|  | Total Units | $\mathbf{1 2 6}$ |

## Theology B.A. with a Concentration in General Christian Studies

 Requirements| Code $\quad$ Title | Units |
| :--- | ---: |
| Core Curriculum Requirements $(\mathrm{p} .62)^{1}$ | 55 |
| Major Core Requirements | $\mathbf{3 8}$ |
| Concentration in General Christian Studies | $\mathbf{3 2}$ |
| Total Units | $\mathbf{1 2 5}$ |

## Theology Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| BINT-270 | Resrch Meth/Study of Scripture | 3 |
| BLAN-101 | Introduction to Biblical Lang. | 3 |
| ICST-272 | Theology/Church Mission | 2 |
| ICST-288 | Theology in an Intercultural Context | 3 |
| NT-462 | Selected Themes/NT Theology | 3 |
| OT-472 | Selected Themes/OT Theology | 3 |
| PHIL-201 | Introduction to Philosophy | 3 |
| PLST-310 | Intro/Christian Leadership | 2 |
| PLST-312 | Intro/Pastoral Care | 2 |
| PLST-314 | Intro/Preaching \& Teaching | 2 |
| PLST-420 | Disciplines/Spiritual Life | 3 |
| THEO-318 | Systematic Theology I Anthropology, Christology, | 3 |
| THEO-320 | Soteriology | 3 |
| THEO-499C | Systematic Theology II: Pneumatology | 3 |
| Total Units | Theo/Min/Post-Chrstn Context | 38 |

Note: The configuration of the Theology Major Core Requirements is built upon the Core Curriculum courses in Theology (see Core Curriculum section of this catalog)

## General Christian Studies Concentration Requirements

| Code Title | Units |
| :---: | :---: |
| Theology Electives | 14 |
| Upper Division Old Testament (OT)/New Testament (NT)/Biblical Intrepretation(BINT) Elective ${ }^{2}$ | 3 |
| Church History (CHIS) Elective | 3 |
| Upper Division New Testament (NT) Elective ${ }^{2}$ | 3 |
| Upper Division Old Testament (OT) Elective ${ }^{2}$ | 3 |
| Upper Division Philosophy (PHIL)/Theology (THEO) Electives ${ }^{2}$ | 6 |
| Total Units | 32 |

1
Number of units required from the Core Curriculum not included in the major requirements below.

2

Upper Division course are those numbered at the 300 and 400 level.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related
to courses listed in a particular year and term. Questions, contact the Department of Theology.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :---: | :---: | :---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| THE0-103C | Intro to Theology | 3 |
| BLAN-101 | Introduction to Biblical Lang. | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | 16 |
| Year 1 Term 2 |  |  |
| NT-101C | New Testament Survey | 3 |
| MATH-PLCR | Math Core Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| HSPS-PLCR | History/Political Sci Core Requirement | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
|  | Units | 15 |
| Year 2 Term 1 |  |  |
| OT-201C | Old Testament Survey | 3 |
| ENGL-220C | Researched Writing | 3 |
| HIST-PLHD | History Core Requirement | 3 |
| ICST-272 | Theology/Church Mission | 2 |
| ICST-288 | Theology in an Intercultural Context | 3 |
| THEO-PLHDELE | Theology Elective | 3 |
|  | Units | 17 |

## Year 2 Term 2

| BINT-270 | Resrch Meth/Study of Scripture | 3 |
| :--- | :--- | ---: |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
| PHIL-201 | Introduction to Philosophy | $\mathbf{3}$ |
| ENGL-230C | Literature and the Human Experience | $\mathbf{3}$ |
|  | Units | $\mathbf{1 6}$ |

## Year 3 Term 1

PLST-310 Intro/Christian Leadership 2
PLST-420 Disciplines/Spiritual Life 3
THEO-PLUD THEO or PHIL U/D Elective 3
PLST-314 Intro/Preaching \& Teaching 2
THEO-318 Systematic Theology I Anthropology, 3
Christology, Soteriology

| THEO-PLHDELE | Theology Elective | 3 |
| :--- | :--- | ---: |
|  | Units | $\mathbf{1 6}$ |
| Year 3 Term 2 |  | 3 |
| THEO-300C | Developing a Christian World View | 2 |
| PLST-312 | Intro/Pastoral Care | 3 |
| BINT-PLUD3 | BINT NT or OT U/D Elective | 3 |
| OT-PLUD | OT U/D Elective | 3 |
| THEO-320 | Systematic Theology II: Pneumatology |  |
|  | Ecclesiology, Eschatology | 3 |
| THEO-PLHDELE | Theology Elective | $\mathbf{1 7}$ |
|  | Units |  |
| Year 4 Term 1 |  | 3 |
| OT-472 | Selected Themes/OT Theology | 3 |
| NT-PLUD | NT Upper Division Elective | 3 |
| CHIS-400C | Christian Heritage | 3 |
| CHIS-PLUD | CHIS U/D elective | 3 |
| THEO-PLHDELE | Theology Elective | $\mathbf{1 5}$ |
|  | Units |  |
| Year 4 Term 2 |  | 3 |
| NT-462 | Selected Themes/NT Theology | 3 |
| THEO-PLUD | THEO or PHIL U/D Elective | 3 |
| THEO-499C | Theo/Min/Post-Chrstn Context | 3 |
| THEO-PLHDELE | Theology Elective | $\mathbf{1 2}$ |
|  | Units | $\mathbf{1 2 4}$ |
|  | Total Units |  |

## Theology B.A. with a Concentration in Intercultural Studies

## Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Core Curriculum Requirements (p. 62) | 1 | 55 |
| Theology Major Core Requirements | 38 |  |
| Intercultural Studies Concentration Requirements | 33 |  |
| Total Units | 126 |  |
| Theology | MajOr Core RequIrements |  |
| Code | Title | Units |
| BINT-270 | Resrch Meth/Study of Scripture | 3 |
| BLAN-101 | Introduction to Biblical Lang. | 3 |
| ICST-272 | Theology/Church Mission | 2 |
| ICST-288 | Theology in an Intercultural Context | 3 |
| NT-462 | Selected Themes/NT Theology | 3 |
| OT-472 | Selected Themes/OT Theology | 3 |
| PHIL-201 | Introduction to Philosophy | 3 |
| PLST-310 | Intro/Christian Leadership | 2 |
| PLST-312 | Intro/Pastoral Care | 2 |
| PLST-314 | Intro/Preaching \& Teaching | 2 |
| PLST-420 | Disciplines/Spiritual Life | 3 |


| THEO-318 | Systematic Theology I Anthropology, Christology, <br> Soteriology | 3 |
| :--- | :--- | ---: |
| THEO-320 | Systematic Theology II: Pneumatology <br> Ecclesiology, Eschatology | 3 |
| THEO-499C | Theo/Min/Post-Chrstn Context | 3 |
| Total Units |  | 38 |

Note: The configuration of the Theology Major Core Requirements is built upon the Core Curriculum courses in Theology (see Core Curriculum section of this catalog)

## Intercultural Studies Concentration Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| ICST-102 | Intro/Intercultural Studies | 3 |
| Church History (CHIS) Elective | 3 |  |
| ICST-345 | Intercultural Comm in Ministry | 3 |
| ICST-450 | Intercultural Internship | 6 |
| ICST-460 | Intercultural Field Studies | 3 |
| ICST-485 | Current Issues/Mission Studies | 3 |
| Upper Division New Testament (NT) Elective ${ }^{2}$ | 3 |  |
| Upper Division Old Testament (OT) Elective ${ }^{2}$ | 3 |  |
| Upper Division Philosophy (PHIL)/Theology (THEO) Electives ${ }^{1}$ | 6 |  |
| Total Units |  | 33 |

ANTH-102C Intro to Cultural Anthropology is recommended as the social science elective in the core curriculum. PLST-460 Practicum is also recommended as electives. Theology majors with a concentration in Intercultural Studies can also minor in Cultural Anthropology. See the appropriate catalog section under the Department of Sociology.

Number of units required from the Core Curriculum not included in the major requirements below.
2
Upper Division course are those numbered at the 300 and 400 level.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Theology.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and

Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| THEO-103C | Intro to Theology | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| ICST-102 | Intro/Intercultural Studies | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | $\mathbf{1 6}$ |


| Year 1 Term 2 |  |  |
| :--- | :--- | ---: |
| NT-101C | New Testament Survey | 3 |
| BLAN-101 | Introduction to Biblical Lang. | 3 |
| MATH-PLCR | Math Core Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| HSPS-PLCR | History/Political Sci Core Requirement | 3 |
|  | Units | $\mathbf{1 5}$ |

$\begin{array}{ll}\text { Year } 2 \text { Term } 1 & \\ \text { BINT-270 Resrch Meth/Study of Scripture }\end{array}$
ENGL-220C Researched Writing 3
FINA-PLCR Fine Arts Core Curriculum Requirement 3

| COMM-201C | Speech Composition and Presentation | 3 |
| :--- | :--- | :--- |
| ICST-272 | Theology/Church Mission | 2 |


| ICST-288 | Theology in an Intercultural Context | 3 |
| :--- | :--- | ---: |


| Year 2 Term 2 |  | 3 |
| :--- | :--- | ---: |
| OT-201C | Old Testament Survey | 4 |
| NSCI-PLCR | Science Lec/Lab Requirement | 3 |
| PHIL-201 | Introduction to Philosophy | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | $\mathbf{1 6}$ |

Year 2 Term 3

| ICST-450 | Intercultural Internship | $3-12$ |
| :--- | :--- | :--- |
|  | Units | $3-12$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | ---: |
| PLST-310 | Intro/Christian Leadership | 2 |
| PLST-420 | Disciplines/Spiritual Life | 3 |
| NT-PLUD | NT Upper Division Elective | 3 |
| PLST-314 | Intro/Preaching \& Teaching | 2 |
| THEO-318 | Systematic Theology I Anthropology, | 3 |
|  | Christology, Soteriology | $\mathbf{3}$ |
| THEO-PLHDELE | Theology Elective | $\mathbf{1 6}$ |

Year 3 Term 2

| THEO-300C | Developing a Christian World View | 3 |
| :--- | :--- | ---: |
| PLST-312 | Intro/Pastoral Care | 2 |
| ICST-345 | Intercultural Comm in Ministry | 3 |
| ICST-450 | Intercultural Internship | $3-12$ |
| OT-PLUD | OT U/D Elective | 3 |
| THEO-320 | Systematic Theology II: Pneumatology | 3 |
|  | Ecclesiology, Eschatology |  |
|  | Units | $\mathbf{1 7 - 2 6}$ |

Year 4 Term 1
OT-472 Selected Themes/OT Theology 3
CHIS-400C Christian Heritage 3
CHIS-PLUD CHIS U/D elective 3

THEO-PLUD THEO or PHIL U/D Elective 3

| ELCT-PLHD3A | General Elective 3 Units | 3 |
| :--- | :--- | ---: |
|  | Units | 15 |

Year 4 Term 2

| NT-462 | Selected Themes/NT Theology | 3 |
| :--- | :--- | ---: |
| THEO-PLUD | THEO or PHIL U/D Elective | 3 |
| THEO-499C | Theo/Min/Post-Chrstn Context | 3 |
| ICST-485 | Current Issues/Mission Studies | 3 |
| ICST-460 | Intercultural Field Studies | 3 |
|  | Units | $\mathbf{1 5}$ |
|  | Total Units | $\mathbf{1 3 0 - 1 4 8}$ |

## Theology B.A. with a Concentration in Pastoral Leadership Studies

## Requirements

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| Core Curriculum Requirements $(\mathrm{p} .62)^{1}$ | 55 |
| Theology Major Core Requirements | 38 |
| Pastoral Leadership Studies Concentration Requirements | $\mathbf{3 3}$ |
| Total Units | $\mathbf{1 2 6}$ |

## Theology Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| BINT-270 | Resrch Meth/Study of Scripture | 3 |
| BLAN-101 | Introduction to Biblical Lang. | 3 |
| ICST-272 | Theology/Church Mission | 2 |
| ICST-288 | Theology in an Intercultural Context | 3 |
| NT-462 | Selected Themes/NT Theology | 3 |
| OT-472 | Selected Themes/OT Theology | 3 |
| PHIL-201 | Introduction to Philosophy | 3 |
| PLST-310 | Intro/Christian Leadership | 2 |
| PLST-312 | Intro/Pastoral Care | 2 |
| PLST-314 | Intro/Preaching \& Teaching | 2 |
| PLST-420 | Disciplines/Spiritual Life | 3 |


| THEO-318 | Systematic Theology I Anthropology, Christology, <br> Soteriology | 3 |
| :--- | :--- | ---: |
| THEO-320 | Systematic Theology II: Pneumatology <br> Ecclesiology, Eschatology | 3 |
| THEO-499C | Theo/Min/Post-Chrstn Context | 3 |
| Total Units |  | $\mathbf{3 8}$ |

Note: The configuration of the Theology Major Core Requirements is built upon the Core Curriculum courses in Theology (see Core Curriculum section of this catalog)

## Pastoral Leadership Studies Concentration Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| ICST-102 | Intro/Intercultural Studies | 3 |
| PLST-425 | Narrative/Expository Preaching | 3 |
| PLST-430 | Management/Christian Organztns | 3 |
| PLST-440 | Pastoral Care/Counseling | 3 |
| PLST-461 | Integrative Field Studies | 3 |
| Upper Division Biblical Interpretation (BINT)/New Testament (NT)/ | 3 |  |
| Old Testament (OT) Elective 2 |  |  |
| Church History (CHIS) Elective | 3 |  |
| Upper Division New Testament (NT) Elective ${ }^{2}$ | 3 |  |
| Upper Division Old Testament (OT) Elective ${ }^{2}$ | 3 |  |
| Upper Division Philosophy (PHIL)/Theology (THEO) Electives ${ }^{2}$ | 6 |  |
| Total Units | $\mathbf{3 3}$ |  |

Number of units required from the Core Curriculum not included in the major requirements below.
2
Upper Division course are those numbered at the 300 and 400 level.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Theology.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official
(veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| THEO-103C | Intro to Theology | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| ICST-102 | Intro/Intercultural Studies | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | $\mathbf{1 6}$ |


| Year 1 Term 2 |  |  |
| :--- | :--- | ---: |
| NT-101C | New Testament Survey | 3 |
| BLAN-101 | Introduction to Biblical Lang. | 3 |
| MATH-PLCR | Math Core Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| HSPS-PLCR | History/Political Sci Core Requirement | $\mathbf{3}$ |
|  | Units | $\mathbf{1 5}$ |


| Year 2 Term 1 |  |  |
| :--- | :--- | ---: |
| BINT-270 | Resrch Meth/Study of Scripture | 3 |
| ENGL-220C | Researched Writing | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| ICST-272 | Theology/Church Mission | 2 |
| ICST-288 | Theology in an Intercultural Context | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
|  | Units | $\mathbf{1 7}$ |

Year 2 Term 2

| OT-201C | Old Testament Survey | 3 |
| :--- | :--- | ---: |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
| PHIL-201 | Introduction to Philosophy | $\mathbf{3}$ |
| ENGL-230C | Literature and the Human Experience | $\mathbf{3}$ |
|  | Units | $\mathbf{1 6}$ |

Year 3 Term 1
$\left.\begin{array}{llr}\text { PLST-310 } & \text { Intro/Christian Leadership } & 2 \\ \text { PLST-420 } & \text { Disciplines/Spiritual Life } & 3 \\ \hline \text { THEO-PLUD } & \text { THEO or PHIL U/D Elective } & 3 \\ \text { PLST-314 } & \text { Intro/Preaching \& Teaching } & 2 \\ \hline \text { THEO-318 } & \begin{array}{l}\text { Systematic Theology I Anthropology, } \\ \\ \text { ELCT-PLHD3A }\end{array} & \text { Christology, Soteriology }\end{array}\right] 3$

| Year 3 Term 2 |  | 3 |
| :--- | :--- | ---: |
| THEO-300C | Developing a Christian World View | 2 |
| PLST-312 | Intro/Pastoral Care | 3 |
| BINT-PLUD3 | BINT NT or OT U/D Elective | 3 |


| THEO-320 | Systematic Theology II: Pneumatology <br> Ecclesiology, Eschatology | 3 |
| :--- | :--- | ---: |
| PLST-425 | Narrative/Expository Preaching | 3 |
| Year 4 Term 1 | Units | $\mathbf{1 7}$ |
| OT-472 | Selected Themes/OT Theology |  |
| NT-PLUD | NT Upper Division Elective | 3 |
| CHIS-400C | Christian Heritage | 3 |
| CHIS-PLUD | CHIS U/D elective | 3 |
| PLST-440 | Pastoral Care/Counseling | 3 |
|  | Units | $\mathbf{3}$ |
| Year 4 Term 2 |  | $\mathbf{1 5}$ |
| NT-462 | Selected Themes/NT Theology | 3 |
| THEO-PLUD | THEO or PHIL U/D Elective | 3 |
| THEO-499C | Theo/Min/Post-Chrstn Context | 3 |
| PLST-430 | Management/Christian Organztns | 3 |
| PLST-461 | Integrative Field Studies | $\mathbf{3}$ |
|  | Units | $\mathbf{1 5}$ |
|  | Total Units |  |

## Theology B.A. with a Concentration in Youth Leadership

## Requirements

| Code $\quad$ Title | Units |
| :--- | ---: | ---: |
| ${\text { Core Curriculum Requirements }(\mathrm{p} .62)^{1}}^{1}$ | 55 |
| Theology Major Core Requirements | $\mathbf{3 8}$ |
| Youth Leadership Studies Concentration Requirements | $\mathbf{3 5}$ |
| Total Units | $\mathbf{1 2 8}$ |

## Theology Major Core Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| BINT-270 | Resrch Meth/Study of Scripture | 3 |
| BLAN-101 | Introduction to Biblical Lang. | 3 |
| ICST-272 | Theology/Church Mission | 2 |
| ICST-288 | Theology in an Intercultural Context | 3 |
| NT-462 | Selected Themes/NT Theology | 3 |
| OT-472 | Selected Themes/OT Theology | 3 |
| PHIL-201 | Introduction to Philosophy | 3 |
| PLST-310 | Intro/Christian Leadership | 2 |
| PLST-312 | Intro/Pastoral Care | 2 |
| PLST-314 | Intro/Preaching \& Teaching | 2 |
| PLST-420 | Disciplines/Spiritual Life | 3 |
| THEO-318 | Systematic Theology I Anthropology, Christology, | 3 |
| THEO-320 | Soteriology | Systematic Theology II: Pneumatology |


| THEO-499C Theo/Min/Post-Chrstn Context |
| :--- |
| Total Units |
| Note: The configuration of the Theology Major Core Requirements is |
| built upon the Core Curriculum courses in Theology (see Core Curriculum |
| section of this catalog) |
| Youth Leadership Studies Concentration |
| Requirements |


| Code | Title | Units |
| :--- | :--- | ---: |
| ICST-102 | Intro/Intercultural Studies | 3 |
| YLST-324 | Intro/Youth Ministry | 2 |
| PLST-425 | Narrative/Expository Preaching | 3 |
| PLST-430 | Management/Christian Organztns | 3 |
| PSYC-221 | Developmental Psychology | 3 |
| PLST-461 | Integrative Field Studies | 3 |
| Upper Division Biblical Interpretation (BINT)/New Testament (NT)/ | 3 |  |
| Old Testament (OT) Elective |  |  |
| Church History (CHIS) Elective | 3 |  |

Upper Division New Testament (NT) Elective ${ }^{2}$ ..... 3
Upper Division Old Testament (OT) Elective ${ }^{2}$ ..... 3
Upper Division Philosophy (PHIL)/Theology (THEO) Electives ${ }^{2}$ ..... 6
Total Units ..... 35

1

Number of units required from the Core Curriculum not included in the major requirements below.

Upper Division course are those numbered at the 300 and 400 level.

## Four Year Plan

Disclaimer: This sample Four Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Theology.

Study Abroad Participation: Students interested in participating in the university's Study Abroad programs are encouraged to reach out to the Global Education and Outreach Office (studyabroad@vanguard.edu) for more information and collaboration in their academic course planning. Students using Education and Training Benefits through the U.S. Department of Veteran Affairs are encouraged to also reach out to the School Certifying Official (veteranscertifyingofficial@vanguard.edu) for more information regarding how benefits can be applied.

VANGUARD UNIVERSITY

| Course | Title | Units |
| :---: | :---: | :---: |
| Year 1 Term 1 |  |  |
| CORE-100C | Cornerstone | 1 |
| THEO-103C | Intro to Theology | 3 |
| ENGL-120C | Persuasive Writing | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| ICST-102 | Intro/Intercultural Studies | 3 |
| KINE-148C | Lifetime Fitness and Wellness Lecture | 3 |
|  | Units | 16 |
| Year 1 Term 2 |  |  |
| NT-101C | New Testament Survey | 3 |
| BLAN-101 | Introduction to Biblical Lang. | 3 |
| MATH-PLCR | Math Core Requirement | 3 |
| SOC-PLCR | Social Science Core Curriculum Reqm't | 3 |
| HSPS-PLCR | History/Political Sci Core Requirement | 3 |
|  | Units | 15 |
| Year 2 Term 1 |  |  |
| BINT-270 | Resrch Meth/Study of Scripture | 3 |
| ENGL-220C | Researched Writing | 3 |
| COMM-201C | Speech Composition and Presentation | 3 |
| ICST-272 | Theology/Church Mission | 2 |
| ICST-288 | Theology in an Intercultural Context | 3 |
| HIST-PLCR2 | History Core Requirement (World Civ) | 3 |
|  | Units | 17 |
| Year 2 Term 2 |  |  |
| OT-201C | Old Testament Survey | 3 |
| FINA-PLCR | Fine Arts Core Curriculum Requirement | 3 |
| NSCI-PLCR | Science Lec/Lab Requirement | 4 |
| PHIL-201 | Introduction to Philosophy | 3 |
| ENGL-230C | Literature and the Human Experience | 3 |
|  | Units | 16 |
| Year 3 Term 1 |  |  |
| PLST-310 | Intro/Christian Leadership | 2 |
| PLST-420 | Disciplines/Spiritual Life | 3 |
| YLST-324 | Intro/Youth Ministry | 2 |
| THEO-PLUD | THEO or PHIL U/D Elective | 3 |
| PLST-314 | Intro/Preaching \& Teaching | 2 |
| THEO-318 | Systematic Theology I Anthropology, Christology, Soteriology | 3 |
|  | Units | 15 |
| Year 3 Term 2 |  |  |
| THEO-300C | Developing a Christian World View | 3 |
| PLST-312 | Intro/Pastoral Care | 2 |
| BINT-PLUD3 | BINT NT or OT U/D Elective | 3 |
| OT-PLUD | OT U/D Elective | 3 |
| PLST-425 | Narrative/Expository Preaching | 3 |
| THEO-320 | Systematic Theology II: Pneumatology Ecclesiology, Eschatology | 3 |
|  | Units | 17 |

## Year 4 Term 1

| OT-472 | Selected Themes/OT Theology | 3 |
| :--- | :--- | ---: |
| NT-PLUD | NT Upper Division Elective | 3 |
| CHIS-400C | Christian Heritage | 3 |
| CHIS-PLUD | CHIS U/D elective | 3 |
| PSYC-221 | Developmental Psychology | 3 |
|  | Units | $\mathbf{1 5}$ |
| Year 4 Term 2 |  | 3 |
| NT-462 | Selected Themes/NT Theology | 3 |
| THEO-PLUD | THEO or PHIL U/D Elective | 3 |
| THEO-499C | Theo/Min/Post-Chrstn Context | 3 |
| PLST-430 | Management/Christian Organztns | 3 |
| PLST-461 | Integrative Field Studies | 3 |
|  | Units | $\mathbf{1 5}$ |
|  | Total Units | $\mathbf{1 2 6}$ |

## Theology Minor Requirements

NOTE: Effective in the 2021-2022 Academic Catalog, the academic minor for this program will be listed as a "Minor in Theology" on academic transcripts.
Students enrolled in an academic catalog prior to 2021 declaring this academic minor will see it listed as a "Minor in Religion" on academic transcripts. Questions, contact the Office of the Registrar.

Students in other academic majors may earn a minor in Theology (no emphasis) by completing a minimum of 20 credits from courses housed within the Department of Theology. Courses taken as part of the university Core Curriculum (College) or General Education (Professional Studies) requirements for Theology or Religion may be applied towards credits for the minor. Transfer units from other institutions are not accepted toward the Theology minor.

## Theology Minor <br> Requirements

Students in other academic majors may earn a minor in Theology (no emphasis) by completing a minimum of 20 credits from courses housed within the Department of Theology. Theology courses taken as part of the university Core Curriculum (College) or General Education (Professional Studies) requirements may be applied towards credits for the minor. Transfer units from other institutions are not accepted toward the Religion minor.

## Department of Theology

Mission: The Theology major with a concentration in Ministry and Leadership is designed for individuals who are involved in church or parachurch activities, and who wish to gain knowledge to improve themselves personally and professionally. Upon graduating, students will be prepared for graduate studies and/or to take a leadership role in their community.

Before beginning classes in the major, it is required of all Religion majors that they have completed the following courses; OT-201 Old Testament

Survey, NT-101 New Testament Survey, and THEO-103 Introduction to Theology.

Note: Vanguard University offers online and hybrid courses at both the undergraduate and graduate levels. These courses contribute to the development of accessible degree completion options for the nontraditional student.

## Program Learning Outcomes

## Program Learning Outcomes

PLO 1 - Bible: The student is able to communicate the meaning and relevance of a biblical text.
PLO 2 - Theology: The student will be able to explain the basic tenets of historic Christian orthodoxy and apply those tenets to contemporary contexts.

PLO 3 - Worldview: Students will articulate biblically informed responses to those questions at the heart of a comprehensive worldview.

PLO 4 - Christian Ethics: Students will articulate an approach to making ethical decisions that is informed by both ethical theory and the teachings of scripture.

PLO 5 - The Church: Students will articulate an understanding of the nature and mission of the church.

PLO 6-Christian Leadership: Students will explain leadership as serving Christ and His Church for the sake of the World through theological reflection informed by scripture and insights from the field of Leadership Studies.

PLO 7 - Missions: Students will apply missiological and intercultural theories and principles and critical thinking skills to interact effectively with diverse contexts and people.

PLO 8 - Spiritual Formation: Students will articulate a holistic spiritual formation toward Christlikeness for the sake of others.
Program
Major:

- Theology B.A. with a Concentration in Ministry and Leadership (p. 326)


## Minor:

- Theology Minor (p. 327)


## Certificates:

- Anti-Human Trafficking Certificate (p. 314)


## Courses

MILD-305 Church History 3 Credits
The development of the Christian Church throughout its history as reflected in its life, thought, institutions, leaders, and literature. (School for Professional Studies Course).
Terms Typically Offered: Spring and Summer.

## MILD-310 Introduction to Intercultural Studies 3 Credits

This course is designed to introduce the basic elements of intercultural communication, relationship and service pertaining to missions. Course content will compare and contrast the cognitive processes and behavioral patterns within diverse cultural contexts. The student will integrate theory with practice in order to communicate effectively a holistic gospel. (School for Professional Studies Course).
Terms Typically Offered: Spring and Summer.

## MILD-364 Crit.Thinking \& Writ. for Min. 3 Credits

This course is designed to teach the student to write well-stated, grammatically correct, thesis-driven essays. Attention is given to academic and professional writing styles, reasonable presentations, the elements of an argument, and means of efficient research. This course must be passed with a "C" or better to fulfill requirements for graduation. A student receiving a "C-" or lower must retake the course to earn the required grade for graduation. (School for Professional Studies Course). Terms Typically Offered: Fall and Spring.

## MILD-365 Theo/Church Mission/Ministry 3 Credits

A theological understanding of the ministry of the church and its mission to the world. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## MILD-367 Rsh/Meths/Study/Preach/Scriptr 3 Credits

An introduction to the basic secondary materials utilized in biblical interpretation, an overview of the procedures of biblical exegesis and an articulation of the steps involved in homiletic construction and delivery. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## MILD-368 Leadrshp-Christian Organizatn 3 Credits

Building effective ministry through the development of a healthy interior
life, an understanding of a situational approach to leadership, and
knowing the leader's role in the congregation's vision and mission.
(School for Professional Studies Course).
Terms Typically Offered: Spring and Summer.

## MILD-369 Rsrch Meth/Study/Chrstn Org 3 Credits

An introduction to research methods used to study life and ministry of a local congregation, including research design, collection of data, data analysis, and interpretation of data. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.
MILD-410 Current Issues in Missions Studies 3 Credits
This course examines selected themes critical to effective Christian mission. Issues considered range from the ethics of evangelism and proselytism to the cultural dynamics of politics and economics. (School for Professional Studies Course).
Prerequisite: Prerequisite: MILD-310

## MILD-422 Conflict Management 3 Credits

An examination of the nature and causes of conflict in the local church and religious organizations, and the principles of effective intervention strategies.

## MILD-440 Pastoral Care \& Counseling 3 Credits

Theological perspectives and psychological resources for care and counseling in the context of the local congregation. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## MILD-450 Ministerial Internship 3-12 Credits

A learning experience integrating classroom theory with practical application through supervised service in a local church, hospital, mission field, or other appropriate setting. May be repeated up to a maximum of 12 units.

## MILD-460 Foundations-Christian Ethics 3 Credits

An investigation of the moral implications of the Christian faith from a biblical and theological perspective. (School for Professional Studies Course).
Terms Typically Offered: Fall and Summer.

## MILD-461 Theological Thms-Old Testament 3 Credits

A study of selected, major themes in the writings of the Old Testament. (School for Professional Studies Course).
Prerequisite: Take MILD-367
Terms Typically Offered: Fall and Summer.

## MILD-462 Management-Christian Organztns 3 Credits

The principles of effective management as a learning organization in understanding the church's internal processes as well as its relationship with the environment. (School for Professional Studies Course).
Terms Typically Offered: Fall and Summer.

## MILD-463 Theo Themes-The New Testament 3 Credits

A study of selected, major themes in the writings of the New Testament. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.
MILD-464 Ministry-Preaching \& Teaching 3 Credits
A study of the theology and practice of preaching and teaching. (School for Professional Studies Course).
Prerequisite: Take MILD-367;
Terms Typically Offered: Spring and Summer.

## MILD-466 Ministry of the Spirit/Church 3 Credits

A philosophical, historical and theological study of the third person of the Trinity. This course places special emphasis on the Spirit's empowerment for the church's mission and ministry. (School for Professional Studies Course).
Terms Typically Offered: Spring and Summer.
MILD-468 I Cor. Church in Urban Settings 3 Credits
An exegesis of I Corinthians in the contexts of the life of the apostle Paul and the developing urban church. (School for Professional Studies Course).
Terms Typically Offered: Spring and Summer.
MILD-470 Special Topic 1-3 Credits
Study of a special topic in religion. May be repeated for credit.
MILD-472 New Testament \& Contemp Chrstn Issues 3 Credits Exegesis and discussion of selected New Testament passages relevant to a variety of personal issues and contemporary life, including sexual ethics, gender roles, Christian parenting, divorce and remarriage, wealth and possession, and the problems of evil, death and dying.

MILD-473 Change Theory \& Strategic Planning in a Christian Organization 3 Credits
An approach to ministry planning in which change theory is integrated with the human and structural dynamics that influence the development of corporate vision and mission processes, goals, assessment, strategy, and evaluation. (School for Professional Studies Course).
Terms Typically Offered: Fall and Summer.

# Theology B.A. with a Concentration in Ministry and Leadership Requirements 

| Code | Title |
| :--- | ---: |
| General Education Core Requirements | Units |
| Major Core Requirements | 46 |
| Electives | 60 |
| Total Units | $\mathbf{1 4}$ |
| $\mathbf{1 2 0}$ |  |

## Ministry and Leadership Concentration Requirements

| Code | Title | Units |
| :--- | :--- | ---: |
| Lower Division: |  |  |
| NT-101 | New Testament Survey | 3 |
| OT-201 | Old Testament Survey | 3 |
| THEO-103 | Introduction to Theology | 3 |
| Upper Division: |  | 3 |
| MILD-305 | Church History | 3 |
| MILD-310 | Introduction to Intercultural Studies | 3 |
| MILD-364 | Crit.Thinking \& Writ. for Min. | 3 |
| MILD-365 | Theo/Church Mission/Ministry | 3 |
| MILD-367 | Rsh/Meths/Study/Preach/Scriptr | 3 |
| MILD-368 | Leadrshp-Christian Organizatn | 3 |
| MILD-369 | Rsrch Meth/Study/Chrstn Org | 3 |
| MILD-410 | Current Issues in Missions Studies | 3 |
| MILD-440 | Pastoral Care \& Counseling | 3 |
| MILD-460 | Foundations-Christian Ethics | 3 |
| MILD-461 | Theological Thms-Old Testament | 3 |
| MILD-462 | Management-Christian Organztns | 3 |
| MILD-463 | Theo Themes-The New Testament | 3 |
| MILD-464 | Ministry-Preaching \& Teaching | 3 |
| MILD-466 | Ministry of the Spirit/Church | 3 |
| MILD-468 | I Cor: Church in Urban Settings | 3 |
| MILD-473 | Change Theory \& Strategic Planning in a Christian | 3 |
| Organization | 3 |  |
|  |  | 3 |

Total Unit

## Multi Year Plan

Disclaimer: This sample Multi-Year Plan is provided as a guide for the recommended sequencing of courses. Vanguard University requires that students complete a minimum of 120 units of required course work as outlined on the Requirements tab in order to receive a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. It is the student's responsibility to confirm with the department the course rotation before enrolling in courses. If applicable, please note the footnotes at the bottom of the page for additional information related to courses listed in a particular year and term. Questions, contact the Department of Theology or School for Professional Studies.

| Course | Title | Units |
| :--- | :--- | ---: |
| Year 1 Term 1 |  |  |
| CORE-110 | Vanguard Foundations of College Writing I | 3 |
| ENGL-115 | Foundations for College Writing II | 3 |
| ENGL-220 | Researched Writing | 3 |
| SOCS-PLPSCR | PS Social Science Core Requirement | 3 |
|  | Units | $\mathbf{1 2}$ |


| MILD-461 | Theological Thms-Old Testament | 3 |
| :--- | :--- | :--- |
|  | Units | 9 |


| Year 4 Term 1 |  |  |
| :--- | :--- | :--- |
| MILD-369 | Rsrch Meth/Study/Chrstn Org | 3 |
| MILD-463 | Theo Themes-The New Testament | 3 |
| MILD-440 | Pastoral Care \& Counseling | 3 |
|  | Units | $\mathbf{9}$ |


| Year 1 Term 2 |  |  |
| :--- | :--- | :---: |
| NT-101 | New Testament Survey | 3 |
| ENGL-230 | Literary Perspectives | 3 |
| SOCS-PLPSCR | PS Social Science Core Requirement | 3 |
|  | Units | $\mathbf{9}$ |


| Year 4 Term 2 |  | 3 |
| :--- | :--- | :--- |
| MILD-466 | Ministry of the Spirit/Church | 3 |
| MILD-468 | I Cor. Church in Urban Settings | 3 |
| MILD-310 | Introduction to Intercultural Studies | $\mathbf{9}$ |


| Year 4 Term 3 |  |  |
| :--- | :--- | ---: |
| MILD-410 | Current Issues in Missions Studies | 3 |
| MILD-473 | Change Theory \& Strategic Planning in a <br> Christian Organization | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | $\mathbf{9}$ |
|  | Total Units | $\mathbf{1 1 7}$ |


| SOCS-PLPSCR | PS Social Science Core Requirement | 3 |
| :--- | :--- | :--- |
| MATH-PLMASCI | PS Math/Science Core Requirement | 3 |
| THEO-103 | Introduction to Theology | 3 |
|  | Units | $\mathbf{9}$ |


| Year $\mathbf{2}$ Term 2 |  | 3 |
| :--- | :--- | :--- |
| HUMA-PLPSCR | PS Humanities Core Req | 3 |
| SOCS-PLPSCR | PS Social Science Core Requirement | 3 |
| ELCT-PLHD3A | General Elective 3 Units | $\mathbf{9}$ |

## Theology Minor Requirements

NOTE: The 2020 Academic Catalog will be the final academic year that the "Minor in Religion" program title will be offered. Effective in the 2021 Academic Catalog the minor in Religion will be replaced with "Minor in Theology" and listed on academic transcripts accordingly. Questions, contact the Office of the Registrar.

## Theology Minor Requirements

| MATH-PLMASCI | PS Math/Science Core Requirement | 3 |
| :--- | :--- | :--- |
| HUMA-PLPSCR | PS Humanities Core Req | 3 |
| ELCT-PLHD3A | General Elective 3 Units | 3 |
|  | Units | $\mathbf{9}$ |


| Year 3 Term 1 |  |  |
| :--- | :--- | ---: |
| MILD-365 | Theo/Church Mission/Ministry | 3 |
| MILD-364 | Crit.Thinking \& Writ. for Min. | 3 |
| MILD-305 | Church History | 3 |
| ELCT-PLHD3A | General Elective 3 Units | $\mathbf{3}$ |
|  | Units | $\mathbf{1 2}$ |


| Year 3 Term 2 |  | 3 |
| :--- | :--- | ---: |
| MILD-367 | Rsh/Meths/Study/Preach/Scriptr | 3 |
| MILD-464 | Ministry-Preaching \& Teaching | 3 |
| MILD-368 | Leadrshp-Christian Organizatn | 3 |
| ELCT-PLHD3A | General Elective 3 Units | $\mathbf{1 2}$ |

Year 3 Term 3

| MILD-462 | Management-Christian Organztns | 3 |
| :--- | :--- | :--- |
| MILD-460 | Foundations-Christian Ethics | 3 |

Twenty-one (21) units are required in accordance with the following guidelines. Courses should be chosen in consultation with the Student Success Coordinator and/or program chair. A minimum of 12 units must be taken at Vanguard University.

| Code $\quad$ Title | Units |  |
| :--- | ---: | ---: |
| Minimum 15 units of upper division coursework. | 15 |  |
| Maximum 6 units of lower division coursework | 6 |  |
| Courses recommended for lower division coursework: |  |  |
| NT-101 | New Testament Survey |  |
| THEO-103 | Introduction to Theology |  |
| OT-201 | Old Testament Survey | $\mathbf{2 1}$ |
| Total Units |  |  |

## Graduate Program in Theology

Mission: The graduate programs in theology offer opportunities as a learning community for students and faculty to passionately engage in the study of Scripture, theology, spirituality, and leadership to equip missional leaders for transformative ministry in various contexts.

Vanguard University, formed in 1920 with a conviction to train Christian leaders within the Pentecostal tradition, continues its commitment to educate leaders from diverse backgrounds who are Christ-centered and Spirit-empowered in their witness and service. Though faculty are identified within the Pentecostal tradition, students come from a variety of religious denominations and backgrounds.

The mission of graduate studies in theology is fulfilled through two graduate programs: Master of Arts in Theology, and Master of Arts in Leadership Studies (emphasis in Spirituality).

Students will study with outstanding faculty, widely published, from a variety of cultural backgrounds and ministry experience in the local church, global missions, nonprofits, and the academy. Faculty doctoral degrees include: University of Basel, Biola University, University of Birmingham, Claremont Graduate University, Fuller Theological Seminary, New York University, University of Oxford, Oxford Centre for Mission Studies, and Princeton Seminary.

## Abbreviations used in this Section:

GPT - Graduate Programs in Theology
M.A.L.S. - Master of Arts in Leadership Studies
M.A.T. - Master of Arts in Theology

## Summary of Academic Programs

The Graduate Programs in Theology and Leadership offers the following graduate degrees:

## Master of Arts in Leadership Studies (M.A.L.S.)

The purpose of the MA in Leadership Studies is to inspire transformational leaders to serve their organizations, churches, and nonprofits within the global community. Integrating best practices of realworld leadership with theology, culture, ethics, and spirituality, students engage in a learning community that develops critical thinking, energetic participation, and the cultivation of long-standing networks.

## Master of Arts in Theology (M.A.T)

The MA in Theology offers rigorous study in the various disciplines of biblical, systematic and historical, and applied theology. The program invites students to join our learning community to be empowered for advanced study or ministry in the church.

## Application Information

Applications and information about graduate program admission may be obtained from the Graduate and Nursing Admissions Office:

- Phone: (714) 966-5499 main or (877) 669-8872 toll free
- Email: admissions@vanguard.edu
- For deadlines and to apply: https://www.vanguard.edu/admissions/ graduate/how-to-apply (https://www.vanguard.edu/admissions/ graduate/how-to-apply/)


## Academic Policies <br> Classification of Students

## REGULAR STANDING

Students who intend to obtain a Master's degree and who have met all admission requirements are granted regular standing in the GPT. Only those students who have regular standing may become candidates for the Master's degree.

## PROVISIONAL STANDING

This classification is used for degree-seeking students who have their B.A. degree, but enter the program with academic deficiencies: They may lack some of the prerequisite undergraduate courses, their entering GPA is deficient, or their B.A. degree is from a non-regionally accredited institution.
M.A.L.S. and M.A.T students accepted with provisional standing must complete the first 12 units of graduate level courses with grades of "B" (MALS) and "B-" (MAT) or above before receiving further consideration for regular standing in the GPT.

Students who qualify to move from provisional to regular standing should contact the GPT Office.

## STUDENT-AT-LARGE STANDING

Students who have earned a B.A. degree but who do not plan to earn the Master's degree may be granted special standing in the GPT. Students-at-Large may apply to the Graduate Admission Office for provisional standing in the degree program of their choice by completing an abbreviated application; however, the University and the GPT Office are not obligated to accept a student with special standing into regular degree standing.

Students who are currently in the senior year of their undergraduate studies and within 18 units of completing their Bachelor's degree program (including the VU general education religion requirements) may be granted Student-at-Large admission. Such students may enroll simultaneously in undergraduate and graduate coursework while completing the requirements for the Bachelor's degree. When the Bachelor's degree is complete, students may apply for full admission into the Graduate Program. A maximum of 6-9 credit hours of graduate coursework may be applied toward the Master's degree requirements.

Students whose applications are in the process of approval may be allowed to matriculate temporarily as Students-at-Large. A maximum of two (2) courses taken in this way may be applied to the requirements of an academic degree.

An application form is available from the Graduate Admission Office for students applying for student-at-large standing.

## Auditor Standing

Auditor standing is the classification for students who attend classes for personal enrichment rather than for academic credit, with no obligations to participate actively in the work. Audit courses do not earn units of credit. All students who audit any course will complete the audit form available in the Graduate Admission Office. Students who take audit courses exclusively and who are not enrolled in the degree program,
will complete the application form. Audit students are welcome in any available course.

- Audited course are recorded on the student's transcript.
- Auditing Fee - The fee for auditing courses is one-half the rate of regular tuition.


## Scheduling Patterns

Many graduate students are adult learners who work full time. Therefore, GPT Office makes every attempt to schedule courses at times that will facilitate progress in the degree program. Most graduate courses are scheduled one evening per week, in 4 hour blocks for 8 weeks plus one Saturday for 8 hours. The Semester schedule allows for two modules of 8 week sessions (two courses). Other courses may be scheduled for several weekends during a given semester. In most cases, students should be able to carry a full load. The faculty and staff can help evaluate individual students' ability to handle a full-time course load.

The typical academic year is structured as follows:

## FALL SEMESTER

The Fall semester is generally scheduled from the last week of August through the second week of December. Full-time status is a minimum of 6 units.

## SPRING SEMESTER

The Spring semester is generally scheduled from mid-January to early May. Full-time status is a minimum of 6 units.

## SUMMER SESSIONS

Summer sessions are generally scheduled from mid-May through late August and are divided into two modules of eight-week sessions which make earning 6 units during the Summer semester possible.

## TRADITIONAL SCHEDULE

The traditional schedule is organized in two semesters annually, Spring and Fall, as well as in Summer modules.

## COHORT SCHEDULING

In cohort education, students move through their curriculum as a group, which enhances camaraderie in the classroom. Special ministry groups or cohorts use unique intensified schedule formats.

## INTENSIVES

Intensives are courses offered in compacted blocks of time. Sometimes intensives are scheduled on weekends, and sometimes in week-long blocks.

## Credit Hour Policy

See Credit Hour Policy section in Academic Policies and Procedures.

## Program Policies

The following policies apply to all degrees offered in the Graduate Programs in Theology. Such policies govern the student's relationship to the University and to other students, and are intended to protect students against arbitrary or unfair treatment.

## Appeal Procedures

If at any time a graduate student should disagree with a policy decision (or believe it is unfair, unclear or inaccurate), he or she is encouraged to
express it to the Office of Graduate Programs in Theology. Every effort will be made to resolve the discrepancy. If the student is not satisfied, any formal decision made by the GPT Office may be appealed to the Provost. The decision of the Provost is final.

## Academic Load

A full-time academic load at the graduate level is 6 units or more per semester. Taking additional units per semester will require permission from the GPT Office.

## Program Grade Requirements

## M.A.L.S Degree

In order to graduate, students must maintain a cumulative grade point average of at least "B" (3.0 on a 4.0 scale). No more than two (2) course grades of "C+" or "C" may count toward the Master's degree. Grades of "C-" and below cannot be used for credit toward the Master of Arts degree. Courses with a "C-" and below may be repeated to improve the grade. Grades of "C-" and below will remain on the student's permanent record.

## M.A.T. Degree

In order to graduate, students must achieve a minimum grade point average of $B-(2.67$ on a 4.0 scale). No more than two (2) course grades of "C" or "C-" may count toward the Master's degree. Grades of "D" and below cannot be used for credit toward the M.A.T. degree. Courses with a " $D$ " and below may be repeated to improve the grade. Grades of " $D$ " and below will remain on the student's permanent record.

## Incomplete Work

An "Incomplete" grade is the way the institution agrees to respond to a student who has been prevented from completing some or all of the requirements in one or more courses due to circumstances which were beyond the student's ability to prevent or foresee, and who has requested additional time to complete the course requirements. It is the responsibility of the student to obtain a "Petition for Incomplete Grade in a Graduate Course" form from the GPT Office and to contact with the course professor(s) as early as possible. Petitions are approved by the professor. The professor is under no obligation to assign an Incomplete grade.

Examples of acceptable grounds for granting an incomplete grade include: personal or family illness of more than brief duration, serious personal or family crisis, or an unplanned increase in job responsibilities. Unacceptable grounds include heavy or difficult class load, heavy work schedule, or computer problems.

All incomplete work for full-semester courses is due 30 days from the last day of the semester. Failure to complete and submit the required work on time will result in a grade of " $F$ ".

Incompletes in RELG coursework carry an alternate grade of "CE" (continued enrollment) and no credit is earned until all course requirements are satisfied, and the professor submits a grade change to CR (credit). Exceptions or extensions to this policy are made only with the approval of the Director and the course professor(s).

## Academic Deficiencies

Students admitted with Provisional Standing due to a low GPA, must achieve a 2.67 cumulative GPA within the first 12 units of course work. Students who do not meet this requirement will not be eligible to register for courses.

## Program Time Limits

All work for the Master's degrees will be completed within eight (8) years for the from the date of entrance as degree-seeking student.

If additional time is needed to complete the requirements, approval from the Director must be obtained by filing a General Petition.

## Adding or Dropping Courses

When circumstances necessitate changes in a course schedule, students are required to complete and file an Add/Drop form in the GPT Office.

Eight week classes that are dropped prior to the second class meeting will not be entered on the transcript. Classes that are dropped following the second meeting and prior to the fifth meeting will be appear on the transcript with a grade of "W". Classes dropped following the 6th meeting will receive a grade of "WF" unless the professor, aware of extenuating circumstances beyond the control of the student, is willing to grant a "WP."

The professor(s) and the student's academic advisor must approve all classes added after the first week of the class. Intensive courses and weekend only courses should be dropped by the end of the first day of classes for intensives, and by the end of the first weekend for weekend seminars.

## Grade Appeals

See Grade Appeal Policy (p. 46) in the Academic Policies and Procedure section of catalog.

## Leave of Absence Policy

See Leave of Absence and Withdrawal from University Policy in the Academic Policies and Procedure section of catalog. Note that with one or more semesters on leave of absence, the limit of 8 years for the M.A.T degrees still applies.

## Military Leave of Absence Policy

See Military Leave of Absence Policy in Education and Training Benefits for Veterans (p. 22) section of the catalog.

## RE-ADMISSION TO THE PROGRAM

If the student has been absent from the GPT for one or more semesters and does not have a current Leave of Absence form on file, he or she will be administratively withdrawn and must submit an "Application for Re-admission" with the GPT Office. There is a fee for re-admission. Readmitted students will be subject to current academic catalog program requirements. Students must also submit transcripts (if any) from other institutions while absent from VU.

## Commencement

Consult the University's Commencement website (https:// www.vanguard.edu/academics/commencement/) for more information.

## Continuing Registration

Students who require more than one semester to complete the exit option must register for RELG-799 Continuted Registration: Master's Study (1) unit until the exit option is complete. A tuition fee for one (1) unit is required to maintain active standing in the program, to protect the thesis/project topic, to have access to library privileges, and accessible consultation with faculty.

## Program Learning Outcomes Master of Arts in Leadership Studies

1. Apply leadership theory, a theological and ethical framework, and critical thinking skills in order to creatively impact their organizations and environments,
2. Apply the intercultural and communication skills necessary to lead in partnership with people of other cultures and contexts,
3. Apply tools of moral reasoning and decision making to ethical dilemmas in specific contexts of leadership, life, and ministry, and
4. Formulate and present a theological a framework of spirituality in relation to character development and the soul care of leadership.
5. Contextualize leadership in any of the following elective concentrations: Christian Spirituality, Hispanic Leadership, or Women and Justice.

## Master of Arts in Theology

1. Students will gain competence in theology by reflecting on its classical topics in light of their historical developments and contextual challenges.
2. Students will develop competence in biblical theology and Scriptural interpretation.
3. Students will develop competence in applied theology through the study of ethics, leadership and ministry in various contexts.

## Programs

## Degree Programs Offered:

- Leadership Studies M.A. (p. 337)
- Theology M.A. (p. 345)


## Courses

Old Testament

## OTG-502 Introduction to Hebrew 2 Credits

OTG-503 Beginning Hebrew I 4 Credits
An introduction to Hebrew grammar, vocabulary and syntax for the graduate student. Offered alternate years.
Terms Typically Offered: Fall.
OTG-504 Beginning Hebrew II 4 Credits
A continuation of Beginning Hebrew I. Offered alternate years. Terms Typically Offered: Spring.
OTG-505 O.T. Life and Literature 3 Credits
Terms Typically Offered: Spring.

OTG-506 Advanced Hebrew I 2 Credits
Terms Typically Offered: Fall.
OTG-507 Advanced Hebrew II 2 Credits
Terms Typically Offered: Spring.
OTG-508 O.T. Exegesis 3 Credits
This course is designed to acquaint the student with some of the methodological, cultural, literary and theological issues that facilitate and condition the study of the Old Testament and that will lay a foundation for further work in that field. The final project will be an exegesis of a passage of Old Testament scripture.
Terms Typically Offered: Fall and Spring.
OTG-518 Old Testament Theology \& Interpretation 3 Credits
This course surveys the basic issues in the historical, social, and theological interpretations of the Old Testament. As such, it constitutes a basic introduction to exegetical and theological methods.
Terms Typically Offered: Fall.
OTG-520 Current Issues/Old Testament 3 Credits
Terms Typically Offered: Fall and Spring.
OTG-521 Apocalyptic Literature 3 Credits
Terms Typically Offered: Fall and Spring.
OTG-530 Kingdom/God-Old Testament 3 Credits
Terms Typically Offered: Fall.
OTG-535 Moral Issues/Old Testament 3 Credits
Terms Typically Offered: Fall.
OTG-540 Seminar: 3 Credits
OTG-541 Seminar: 3 Credits
Terms Typically Offered: Fall and Spring.
OTG-542 Seminar: 3 Credits
OTG-546 Semitic Languages: 3 Credits
Terms Typically Offered: Fall.
OTG-547 Semitic Languages II 3 Credits
Terms Typically Offered: Spring.
OTG-550 Independent Study/Old Test. 1-3 Credits
Terms Typically Offered: Spring.
OTG-562 Selected Themes/OT Theology 2-4 Credits
OTG-566 Introduction to Judaism 4 Credits
Terms Typically Offered: Spring.
OTG-570 Special Topic: 1-3 Credits
Terms Typically Offered: Fall.
OTG-572 Old Testament Theology 3 Credits
Terms Typically Offered: Fall.
OTG-574 Old Testament Ethics 3 Credits
The study of moral theology through a biblical theology of the created order. It is designed to explore the possibility of formulating a systematic approach to the norms for ethical conduct as they are set forth both in edict, institution and deed in the literature of the Old Testament. (M.T.S. must have OT Life and Literature or its equivalent.)
OTG-578 Old Testament Introduction 3 Credits
OTG-582 Bibl Theo of Lv,Sex,Marr \& Fam 3 Credits
Terms Typically Offered: Fall.

OTG-584 Bibl Theo of Pwr,Wlth \& Prosp 4 Credits<br>OTG-586 Bibl Theo/Power,WIth,Prosper 3 Credits<br>Terms Typically Offered: Spring.<br>OTG-625 Current Issues/O.T. Studies 3 Credits<br>Terms Typically Offered: Spring.<br>OTG-630 Kingdom of God/Old Testament 3 Credits<br>Terms Typically Offered: Fall.

## OTG-631 Intermediate Hebrew I 3 Credits

Further study of grammar and syntax including extensive exegesis of the narrative portions of the Old Testament. Offered alternate years.
Terms Typically Offered: Fall.
OTG-632 Intermediate Hebrew II 3 Credits
A continuation of Intermediate Hebrew I. Offered alternate years.

## Terms Typically Offered: Spring.

## OTG-635 Moral Issues/Old Testament 3 Credits

## OTG-640 Kingdom of God/Old Testament 3 Credits

This course will focus on the following aspects of kingdom theology in the Old Testament: The theology of the kingship of Yahweh; the theology of human kingship in ancient Israel as it was ideally conceived; the rise of the monarchy- the idealized Davidic kingship; the development of the monarchy as it actually materialized in Israel and in Judah and; the application of these theologies to life situations. Included will be a study of the theological values in the patriarchal journeys, together with the archeological backgrounds of the patriarchs; the contribution of genealogies; the competition from neighboring concepts of God and kingship, the people of Israel and their land.
Terms Typically Offered: Spring.
OTG-650 Independent Studies/0.T. 1-4 Credits
Terms Typically Offered: Spring and Summer.
OTG-670 Special Topic: 1-3 Credits
Study in a special topic in Old Testament.
Terms Typically Offered: Fall and Spring.

## OTG-680 Individual Study in Old Testament 3 Credits

A study of a subject not addressed by a regular course that is initiated by the student through a written prospectus of the proposed study and the securing of an appropriate sponsoring faculty member to supervise and evaluate the study. Up to a maximum of four units may be applied toward the degree requirements.
Terms Typically Offered: Fall, Spring, and Summer.

## OTG-690 Seminar in Old Testament 3 Credits

An investigation of one topic in the Old Testament of particular relevance to graduate students in religion. Examples are: Exodus, Isaiah, and Psalms.
Terms Typically Offered: Fall.

## OTG-725 Current Issues in Old Testament Studies 3 Credits

An investigation and evaluation of the basic critical problems of Old Testament interpretation which aims to acquaint the student with the more significant methodologies and personalities in contemporary scholarly studies.
Terms Typically Offered: Spring.

## New Testament

NTG-501 Advanced Greek I 2 Credits
Terms Typically Offered: Fall.
NTG-502 Advanced Greek II 2 Credits
Terms Typically Offered: Spring.
NTG-503 Beginning Greek I 4 Credits
An introduction to Greek grammar, vocabulary and syntax for the graduate student. Offered alternate years.
Terms Typically Offered: Fall.
NTG-504 Beginning Greek II 4 Credits
A continuation of Beginning Greek I.
Terms Typically Offered: Spring.
NTG-508 New Testament Theology \& Interpretation 3 Credits
This course surveys the basic issues in the historical, social, and theological interpretations of the New Testament. As such, it constitutes a basic introduction to exegetical and theological methods. Terms Typically Offered: Fall, Spring, and Summer.

## NTG-542 Christology in the New Testament 3 Credits

A critical examination of the various interpretations of Jesus Christ's nature and the nature of his work as they are found within the New Testament. The Jewishness of Jesus and interpreting the New Testament witness on him as the Christ against that of the Law and the Temple during his times are taken into the context of exploring biblical Christology.
Terms Typically Offered: Spring.

## NTG-546 Parables for Preaching 4 Credits

An examination of the interrelationship between the meaning of the parables as Jesus spoke them to His original hearers and the message of parables proclaimed in the church today.
Terms Typically Offered: Fall.
NTG-550 Independent Study/New Testament 1-3 Credits
Terms Typically Offered: Fall, Spring, and Summer.
NTG-552 New Testament Theology 3 Credits
Terms Typically Offered: Fall and Spring.
NTG-555 New Testament Ethics 3 Credits
This course is designed to acquaint students with the ethical teachings of the New Testament, and to probe the relevance of New Testament ethics for a contemporary personal and social ethic.
NTG-631 Intermediate Greek I 3 Credits
Further study of grammar and syntax, including extensive exegesis of selected Johannine and Pauline texts. Offered alternate years. Terms Typically Offered: Fall.

NTG-632 Intermediate Greek II 3 Credits
A continuation of Greek I. Offered alternate years.
Terms Typically Offered: Spring.
NTG-650 Independent Study in New Testament 1-4 Credits
Terms Typically Offered: Fall and Spring.
NTG-670 Special Topic: 1-3 Credits
Study in a special topic in New Testament.
Terms Typically Offered: Spring.

NTG-680 Ind Study: 1-4 Credits
An individualized study initiated by the student who must develop a written prospectus of the proposed study and secure an appropriate sponsoring faculty member to supervise and evaluate the study. A maximum of four units may be applied toward the degree requirements. Terms Typically Offered: Fall, Spring, and Summer.

## NTG-690 Seminar: 1-3 Credits

An investigation of one topic in the New Testament of particular relevance to graduate students in religion. Examples are: Jesus and the Gospels, New Perspectives on Paul, Spiritual Gifts, and Women in the New Testament.
Terms Typically Offered: Spring.
NTG-710 Current Issues in New Testament Studies 3 Credits
An investigation and evaluation of the basic critical problems of New Testament interpretation which aims to acquaint the student with the more significant methodologies and personalities in contemporary scholarly studies.
Terms Typically Offered: Fall.

## Theology and Ethics

THOG-501 Found/Theological Studies 6 Credits
Terms Typically Offered: Fall.
THOG-505 Intro to Theology \& Ethics 3 Credits
Terms Typically Offered: Fall and Spring.
THOG-507 Theology and Ethics 3 Credits
THOG-508 Theological Studies 3 Credits
This course is designed mainly to expose the student to the nature and task of theology, especially to the issue of theological method. Included in theological method will be how biblical themes are interpreted in light of tradition and social/cultural contexts. Also included will be an awareness of the major fields of theological study.
Terms Typically Offered: Fall.
THOG-510 Systematic Theology: Christology, Anthropology,

## Soteriology 3 Credits

This course explores the subject of Christ, his person and work, and the topics of humanity and salvation using both a historical and constructive approach.
Terms Typically Offered: Fall.

## THOG-515 Intro to Narrative Theology 3 Credits

Terms Typically Offered: Spring.
THOG-520 Systematic Theology: Pneumatology, Ecclesiology, and Eschatology 3 Credits
This course explores the subject of the Holy Spirit, including personage and deity, and the topics of the church, nature and purpose, and eschatology, including the nature of hope and the kingdom of God using both a historical and constructive approach.
Terms Typically Offered: Fall.
THOG-530 Systematic Theology: Theological Method, Revelation, and Theology Proper 3 Credits
This course explores the sources and method of theology, the topic of revelation, and the subject of God, including the Trinity and divine attributes using both a historical and constructive approach.
Terms Typically Offered: Fall.
THOG-532 Women in Ministry 3 Credits

THOG-533 Ldrshp/Context Urban Min. I 3 Credits
Terms Typically Offered: Fall.
THOG-534 Urban Ministry 3 Credits
THOG-535 Current Religious Trends 4 Credits
THOG-536 Contemporary Pentecostal Theology 3 Credits
This course examines current trends and issues in Pentecostalism by critically exploring global Pentecostal Theologians and movements. The historical origin and development of Pentecostal thought in theology will also be covered.

THOG-537 Philosophical Theology 3 Credits
Terms Typically Offered: Spring.
THOG-552 New Testament Theology 3 Credits
Terms Typically Offered: Spring.
THOG-555 New Testament Ethics 3 Credits
THOG-557 Historical Theology 3 Credits
An investigation of the system of doctrine of the Christian faith with attention to the lives of the framers of early Christian doctrine; exploration of the development of Christian theology and doctrine throughout the reformation period and the twentieth century. The development of theological themes during this modern period will be discussed against the background of major events in church history and will be evaluated in terms of its relevance for the current situation of the churches.
Terms Typically Offered: Fall.
THOG-562 Selected Themes/Ot Theology 2-4 Credits
THOG-565 Christianity and Society 3 Credits
Terms Typically Offered: Spring.
THOG-567 Beauty and the Christian Life 3 Credits
Terms Typically Offered: Fall.
THOG-570 Special Topic: 1-3 Credits
Terms Typically Offered: Spring.
THOG-572 Old Testament Theology 3 Credits
Terms Typically Offered: Fall.
THOG-574 Old Testament Ethics 3 Credits
THOG-575 Contemporary Theological Ethic 4 Credits
THOG-582 Bibl Theo of Lv,Sex,Marr \& Fam 3 Credits Terms Typically Offered: Fall.

THOG-584 Bibl Theo of Pwr,Wlth \& Prosp 4 Credits
THOG-586 Bibl Theo/Power,WIth,Prosper 3 Credits
Terms Typically Offered: Spring.
THOG-589 C.S. Lewis II 3 Credits
Terms Typically Offered: Fall and Spring.
THOG-590 Seminar: 1-3 Credits
Terms Typically Offered: Fall, Spring, and Summer.

THOG-630 Narrative Theo \& Hermeneutics 3 Credits
This course explores the implications of narrative as a way of engaging in the theological task. Particular attention is given to narrative biblical interpretation, theology, and preaching. In addition, students will become aware of the use of narrative in emerging theological voices in cultures outside the West (and minority cultures within the West), especially in Pentecostal contexts.
Terms Typically Offered: Fall.
THOG-633 Ldrshp/Context Urban Min. II 3 Credits
THOG-635 Moral Issues in Old Testament 3 Credits
THOG-640 Systematic Theology 3 Credits
This course will introduce the student to the major loci of systematic theology, including such major topics as God, Christology, Pneumatology, Soteriology, Ecclesiology, and Eschatology. Each topic will be explored with the biblical witness, historical developments, and current issues in mind. The goal will be to provide the student with a broad basis for advanced graduate-level work in systematic theology.
Terms Typically Offered: Fall.
THOG-645 Theology \& Ministry/Postmodern Context 3 Credits
The cultural-linguistic turn, otherwise known as postmodernism, changes everything. This course aims to enable students to recognize the effect of postmodernity on the twin tasks of doing theology and engaging in ministry. The goal will be to explore what it means to effectively contextualize the timeless message of God's work without accommodating it to the prevailing zeitgeist. Toward this end, students will evaluate various evangelical responses to postmodernism, explore what it means to do ministry in a missional rather than institutional manner, and examine the various ways in which evangelical churches have endeavored to reinvent themselves so as to minister effectively (make disciples, image the kingdom of God) in a postmodern, postChristian context.
Terms Typically Offered: Fall.
THOG-650 Ind. Studies: Theology and Ethics 4 Credits
Terms Typically Offered: Fall, Spring, and Summer.
THOG-670 Special Topic: 1-3 Credits
Study in a special topic in theology and ethics.
Terms Typically Offered: Fall and Summer.
THOG-680 Individual Study: 1-3 Credits
An individualized study initiated by the student who must develop a written prospectus of the proposed study and secure an appropriate sponsoring faculty member to supervise and evaluate the study. Up to a maximum of three units may be applied toward the degree requirements. Terms Typically Offered: Fall and Summer.
THOG-690 Seminar: 1-3 Credits
Terms Typically Offered: Fall and Spring.

## Leadership Studies

CLSG-502 Intro/Grad Stud/Ldrsh/Hisp Pas 3 Credits
CLSG-505 Intro/Church Ldrshp Studies 4 Credits
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-508 Foundations/Leadership Studies 3 Credits
Terms Typically Offered: Fall and Spring.
CLSG-515 Church/Contemp. Moral Issues 3 Credits
Terms Typically Offered: Fall.

CLSG-518 Church Leadership Mgt Theory 3 Credits Terms Typically Offered: Fall.

CLSG-519 Crit Thinking/Writing/Minister 3 Credits
CLSG-520 System Anal/Church Organiz 3 Credits
CLSG-521 Disciplines of Spiritual Life 3 Credits
CLSG-522 Conflict Management 3 Credits
Terms Typically Offered: Spring.
CLSG-523 Sociology of Religion 3 Credits
CLSG-524 Pentecost-Charismat Mvmnts 3 Credits
CLSG-525 Prin/Church Revitzn/Grth 3 Credits
Terms Typically Offered: Fall.
CLSG-526 Small Group Ministry 3 Credits
Terms Typically Offered: Fall and Spring.
CLSG-528 Current Issues/Latin America 3 Credits Terms Typically Offered: Fall.
CLSG-530 Adv. Pastoral Counseling 3 Credits Terms Typically Offered: Fall and Spring.

CLSG-532 History of Pentecostalism 3 Credits Terms Typically Offered: Spring

CLSG-535 Issues/Pastoral Leadership 3 Credits Terms Typically Offered: Fall and Spring.

CLSG-538 Church Financial Admin. 3 Credits Terms Typically Offered: Spring

CLSG-545 Lay Ministry Development 3 Credits Terms Typically Offered: Fall and Spring.

CLSG-546 Parables for Preaching 3 Credits Terms Typically Offered: Fall.
CLSG-550 Independent Study/Church Ldshp 1-3 Credits Terms Typically Offered: Fall and Spring.

CLSG-554 Prin/Meth/Inter-Cult. Ministry 3 Credits
Terms Typically Offered: Spring
CLSG-555 Theol Educ/3rd World 3 Credits
Terms Typically Offered: Summer
CLSG-556 Current Issues/Youth Ministry 3 Credits Terms Typically Offered: Spring

CLSG-557 Church Growth 3 Credits
CLSG-564 Religion/Culture/Latin America 3 Credits Terms Typically Offered: Fall.

CLSG-565 Leadership Dev/Cultr Context 3 Credits
Terms Typically Offered: Summer.
CLSG-566 Introduction to Judaism 4 Credits
Terms Typically Offered: Spring.
CLSG-570 Special Topic: 1-3 Credits
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-585 Current Issues in Missiology 3 Credits Terms Typically Offered: Fall.
CLSG-586 Relign,Crisis/Change/Latin Am 2-4 Credits Terms Typically Offered: Fall.

CLSG-601 History of Spirituality 3 Credits
An exploration of Spirituality throughout church history that includes examples from Orthodox, Roman Catholic, Protestant (including Pentecostal) traditions
Terms Typically Offered: Spring and Summer.
CLSG-605 Church/Theology Perspective 3 Credits
Terms Typically Offered: Fall.
CLSG-606 Spiritual Formation 3 Credits
An examination of the theological foundation for spiritual formation and an exploration of the spiritual practices as a means of grace for personal growth, communal spirituality, and faithful service.
Terms Typically Offered: Spring and Summer.
CLSG-607 Spiritual Direction 3 Credits
The course introduces and develops foundational understandings and resources necessary to explore the practice of spiritual direction, and seeks to assist persons in discerning the ways that God is present and at work in their lives.
Terms Typically Offered: Fall and Summer.
CLSG-610 Appreciative Inquiry 3 Credits
CLSG-611 Leadership and the New Science 3 Credits
Terms Typically Offered: Fall and Spring
CLSG-612 Hispanic Pentecostal Ch History/in US 3 Credits
This course is a graduate level study of the history and theology of the Hispanic Pentecostal Church in the United States. A particular focus will be on the development of the Hispanic Pentecostal Church following the Azusa Street Revivial in downtown Los Angeles, with special attention to spirituality, social engagement, and culture.

CLSG-613 Hisp Ch Leadership/Contemporary Context 3 Credits
The Hispanic Church Leadreship in a Contemporary Context focuses on the development of church leaders in the Hispanic community. Technology and socio-political shifts have contributed to a redefinition of the needs and expectations of a new generation of Hispanic leaders and their congregations. The course uses the lens of anthropology, history, sociology, psychology and theology to examine the constructs of Hispanic church leadership in contemporary context.
CLSG-614 Indentity/Culture/Social/Hispanic Comm 3 Credits The Identity, Culture and Social Engagement in the Hispanic Community course provides a theological exploration of human identity rooted in the doctrine of God and current trends in identity development. It engages Hispanic identity and the emerging cultural and social practices as well as challenges within the evolution of the Hispanic Pentecosta church context.

CLSG-615 Church/Contemp Moral Issues 3 Credits
Terms Typically Offered: Spring and Summer.
CLSG-618 Church Leadership Mgt. Theory 3 Credits
Terms Typically Offered: Spring.
CLSG-620 Change in Christian Organiztns 3 Credits
Terms Typically Offered: Summer.
CLSG-621 Mission/Mrktg/Chrstn Organiztn 3 Credits
Terms Typically Offered: Spring and Summer.
CLSG-622 Team Development and Conflict Management 3 Credits Terms Typically Offered: Fall and Spring

CLSG-623 Marketing in Christian Organzt 3 Credits
Terms Typically Offered: Summer.
CLSG-624 Change and Strategic Planning 3 Credits
An examination of change within congregations and religious organizations with a view toward understanding systematically the relationship between the organization and its environment. Alternate strategic planning, problem solving and program evaluation models will be explored in light of intentional mission and ministry.
Terms Typically Offered: Summer.
CLSG-625 Prin/Church Revitzn \& Renewal 3 Credits
Terms Typically Offered: Fall and Summer.
CLSG-626 Soul and Spirit of the Leader 3 Credits
Terms Typically Offered: Fall and Spring.
CLSG-627 New Forms of Preaching in a Postmodern World 3 Credits Terms Typically Offered: Fall.
CLSG-630 Pastoral Counseling/Chrstn Org 3 Credits
Terms Typically Offered: Fall.
CLSG-632 Team Development \& Conflict Management 3 Credits
An exploration of team development and conflict management in relation to leadership effectiveness with an emphasis on team dynamics, the nature of conflict, and strategies of assessment and intervention. Terms Typically Offered: Spring and Summer.

## CLSG-633 Theo/Ethical Response/Woman-Justice 3 Credits

This course is a graduate level study of the biblical foundaiton and ethical response for addressing women and justice issues across the lifespan. Of particular focus will be the role of the Christian leader in cultivating a community where injustice and violence against women and girls cannot survive and that impacts their surrounding society.
CLSG-634 A Biblical Theology/Women and Leadership 3 Credits This course is a graduate level study of the biblical foundations for contemporary Evangelical views on the roles of women, particularly as they pertain to women in leadership within community life as family, church and the larger society.
CLSG-635 Iss/Pastoral Leadership 3 Credits
Terms Typically Offered: Spring and Summer.
CLSG-636 A Biblical Response/Human Trafficking 3 Credits
This course is a graduate level study of the role of the Church in combatting human trafficking and family violence. A particular focus will be an integration of salt and light biblical mission with a professional integrity that values expertise and education, practices advocacy with grace, and promotes collaboration to build hope for the widow and the orphan.

## CLSG-638 Leadership/Global Issues 3 Credits

This course focuses on leadership in global and intercultural contexts with an emphasis on the interdisciplinary and interlocking themes of culture, theology and the church. The course explores dimensions of social and organizational identities and examines how cultural perspective impacts both theology and practice. Cultural competence across a range of domains equips leaders to be relevant and innovative in theological reflection and ministry practices.
Terms Typically Offered: Fall and Spring.

CLSG-642 Soul Care of Others 3 Credits
A practical and theological exploration of the nature of the soul and of soul care, and the partnering relationship between pastoral care and other forms of counseling.
Terms Typically Offered: Fall and Summer.

## CLSG-645 Contem Iss/Wrldwd Pentec Ldrsh 3 Credits

## CLSG-646 Leadership/Character Developmt 3 Credits

This course examines how character development and spirituality can enable leaders to become more authentic in their working relationships and more effective as transformational leaders through their organizations.
Terms Typically Offered: Fall and Spring.
CLSG-650 Indep Studies/Church Leadershp 1-4 Credits
Terms Typically Offered: Fall, Spring, and Summer.

## CLSG-655 Theo/Educ/Third World 3 Credits

Terms Typically Offered: Fall, Spring, and Summer.
CLSG-665 Leadership Dev/Cultr Context 3 Credits
Terms Typically Offered: Summer.
CLSG-670 Special Topic: 1-3 Credits
Study in a special topic in leadership studies.
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-680 Ind Study: Leadership Studies 1-3 Credits
An individualized study initiated by the student who must develop a written prospectus of the proposed study and secure an appropriate sponsoring faculty member to supervise and evaluate the study. Up to a maximum of three units may be applied toward the degree requirements. Terms Typically Offered: Fall and Spring.

## CLSG-690 Seminar in Leadership Studies 1-3 Credits

Mutual investigation of one topic in cross-cultural ministry of particular relevance to graduate students in leadership studies.
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-705 Church/Theol Perspective 3 Credits
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-710 Mission/Culture in Theo Persp 3 Credits
This interdisciplinary study, integrating theology and praxis, seeks to develop a theology of mission based on the premise that the unifying theme of Scripture is embodied in the concept of the Kingdom of God introduced in the Old Testament, fulfilled in the ministry of Jesus Christ in the New Testament, and demonstrated to the world through the life and actions of a believing community empowered by the Holy Spirit.
Terms Typically Offered: Fall and Summer.

## CLSG-715 Church/Contemporary Moral Issues 3 Credits

This course aims to develop a constructive Christian ethic as a basis from which to address the moral problems confronting leaders in the contemporary church. The course explores the relationship between theological reflection and ethical thinking and examines how cultural perspective and context impact ethical decision-making. Terms Typically Offered: Fall and Spring.

## CLSG-720 Theology/Theory of Leadership 3 Credits

An examination of leadership, including theological and theoretical frameworks, that will enable students to assess their own mental models and inform their leadership practices in organizational settings.
Terms Typically Offered: Fall and Spring.

CLSG-741 Expository Preaching 3 Credits
Building on coursework in either Old or New Testament Interpretation, this course teaches the development of a biblical text and the practical delivery of a sermon. While focused primarily on expository preaching, narrative and topical sermon structures will also be explored.
Terms Typically Offered: Summer.

## CLSG-750 Capstone Project 3 Credits

This course serves as a capstone for the Masters of Arts in Leadership Studies (MALS) program, in which the student integrates personal program experience with an investigation in one of the folloiwng options: a directed reading, action research, or a directed research.
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-780 Ind. Stud: 1-3 Credits
Terms Typically Offered: Spring.

## Field Education

FERG-510 Field Education in Student Ministries 1-12 Credits
The course offers a supervised learning experience in a field based ministry setting. Students will be involved in a mentoring relationship with a leader engaged in student ministry as well as a faculty supervisor. Ministry development will be learned through constructing a theology of student ministries, combined with application of that theology through involvement in planning, administering and operating a student ministries program, regular mentoring sessions (both individual and group), reading an approved bibliography, writing reflective essays, and assessment of learning documented in a portfolio. A minimum of 125 hours of 'time on task' per 3 unit course is required. The course may be repeated for credit for a maximum of 12 units.
Terms Typically Offered: Fall.
FERG-515 Field Education in Church Administration 1-12 Credits The course offers a supervised learning experience in a field based ministry setting. Students will be involved in a mentoring relationship with a leader engaged in Church Administration Ministries as well as a faculty supervisor. Ministry development will be learned through constructing a theology of church administration, combined with application of that theology through involvement in planning, administering and operating a church administration program, regular mentoring sessions (both individual and group), reading an approved bibliography, writing reflective essays, and assessment of learning documented in a portfolio. A minimum of 125 hours of 'time on task' per 3 unit course is required. The course may be repeated for credit for a maximum of 12 units.

FERG-520 Field Education in Worship Leadership 1-12 Credits The course offers a supervised learning experience in a field based ministry setting. Students will be involved in a mentoring relationship with a leader engaged in Worship Leadership Ministries as well as a faculty supervisor. Ministry development will be learned through constructing a theology of church administration, combined with application of that theology through involvement in planning, administering and operating a Worship Leadership program, regular mentoring sessions (both individual and group), reading an approved bibliography, writing reflective essays, and assessment of learning documented in a portfolio. A minimum of 125 hours of 'time on task' per 3 unit course is required. The course may be repeated for credit for a maximum of 12 units.

FERG-525 Field Education in Family Life and Small Group Ministries 1-12 Credits
The course offers a supervised learning experience in a field based ministry setting. Students will be involved in a mentoring relationship with a leader engaged in Family Life and Small Group Ministries as well as a faculty supervisor. Ministry development will be learned through constructing a theology of Family Life and Small Group Ministries, combined with application of that theology through involvement in planning, administering and operating a Family Life and Small Group Ministries program, regular mentoring sessions (both individual and group), reading an approved bibliography, writing reflective essays, and assessment of learning documented in a portfolio. A minimum of 125 hours of 'time on task' per 3 unit course is required. The course may be repeated for credit for a maximum of 12 units.
FERG-530 Field Education in Pastoral Leadership Ministries 1-12 Credits
The course offers a supervised learning experience in a field based ministry setting. Students will be involved in a mentoring relationship with a leader engaged Pastoral Leadership Ministries as well as a faculty supervisor. Ministry development will be learned through constructing a theology of Pastoral Leadership, combined with application of that theology through involvement in planning, administering and operating a Pastoral Leadership program, regular mentoring sessions (both individual and group), reading an approved bibliography, writing reflective essays, and assessment of learning documented in a portfolio. A minimum of 125 hours of 'time on task' per 3 unit course is required. The course may be repeated for credit for a maximum of 12 units.

## Religion

RELG-595 Directed Reading 3 Credits
Terms Typically Offered: Fall and Spring.

## RELG-596 Research Methodology 3 Credits

Terms Typically Offered: Fall.
RELG-597 Master's Project 3 Credits
Terms Typically Offered: Spring.
RELG-598 Master's Thesis 3 Credits
Terms Typically Offered: Spring.

## RELG-599 Cont Reg: Master Study 1 Credit

Terms Typically Offered: Fall and Spring.
RELG-650 Directed Reading 3 Credits

## RELG-680 Ind Studies: 1-4 Credits

Terms Typically Offered: Spring.

## RELG-693 Integrative Seminar 3 Credits

The Integrative Seminar is a classroom experience designed to help students reflect theologically on ministry experience by integrating what they have learned in graduate coursework with the practice of ministry. Terms Typically Offered: Fall, Spring, and Summer.

## RELG-694 Field Education 3 Credits

A field education experience with a qualified mentor approved by the Faculty Supervisor in Field Education. See the Graduate Religion Office for applications.
Terms Typically Offered: Fall and Summer.
RELG-695 Directed Reading 3 Credits
Terms Typically Offered: Spring and Summer.

RELG-696 Research Methodology 3 Credits
Terms Typically Offered: Fall and Spring.
RELG-697 Master's Project 3 Credits
RELG-698 Master's Thesis 3 Credits
Terms Typically Offered: Spring.

## RELG-778 OCMS Thesis Proposal 4 Credits

Terms Typically Offered: Fall.
RELG-779 OCMS Continued Registration 1-4 Credits
RELG-780 Independent Study 1-4 Credits

## RELG-788 Resrch Meth: Leadership Studies 3 Credits

An introduction to research and inquiry regarding leadership and religious organizations. Students will design and complete a mini research project that includes: a problem statement, definition of terms, limitations and delimitations, literature review, description of research method, collection of data, data analysis and interpretation of data. Required for all M.A. students, and M.T.S. students who have chosen the thesis, project or directed reading option in the field of Leadership Studies. May be used as one elective M.T.S. course.
Terms Typically Offered: Spring and Summer.
RELG-790 Exit Option Design/Proposal:Bib Studies 3 Credits Terms Typically Offered: Spring.

## RELG-791 Exit Option Design/Proposal:leadership 3 Credits

The development of appropriate thesis and directed reading topics in the field of Leadership Studies, and the description of these topics in a formal proposal format. Students will meet with selected faculty and other students enrolled in each semester to research proposals until approved by faculty. After approval of the research proposal, students will continue to meet in this seminar to report progress on their research exit options. Required for all M.A. students, and M.T.S. students who have chosen the thesis or directed reading option in the field of Leadership Studies. May be used as one elective M.T.S. course.
Terms Typically Offered: Spring and Summer.

## RELG-795 Directed Reading 3 Credits

The development of a problem statement necessary to conduct a literature search in a given area. Written critiques, a summary reflection paper and meetings between the student and the directed reading mentor monitor the student's progress and mastery of research topic.
Terms Typically Offered: Fall, Spring, and Summer.

## RELG-795A Directed Reading 4 Credits

## RELG-796 Research Methodology 2 Credits

Terms Typically Offered: Fall, Spring, and Summer.
RELG-797 Master's Project 3 Credits
Terms Typically Offered: Fall and Summer.

## RELG-798 Master's Thesis 3 Credits

The study of a well-defined problem that both emerges from and carries forward some existing body of knowledge or theory. Students who choose this research option, work with the guidance of a faculty committee.
Terms Typically Offered: Fall, Spring, and Summer.
RELG-798A Master's Thesis 4 Credits

RELG-799 Continuted Registration: Master's Study 1 Credit
Required for each semester subsequent to registration of RELG 790, 791, 795, 797, or 798 until completed. Must be enrolled in semester of completion. RELG 799 credits do not count toward M.A. or M.T.S. degree requirements.
Terms Typically Offered: Fall, Spring, and Summer.
RELG-799A Cont Reg: Master's Study 1 Credit
Terms Typically Offered: Fall and Spring.

## Leadership Studies M.A.

## Mission

The Master of Arts in Leadership Studies equips students for transformational leadership in their organizations, churches, and nonprofits within the global community. Learn how to integrate best practices of real-world leadership with theology, culture, ethics, and spirituality.

Engage with faculty and students in a collaborative learning environment that provides an ideal experience for developing critical thinking skills and participating in a long-standing Vanguard community network.

## Admission Requirements for the M.A.L.S.

A student seeking the M.A. Degree in Leadership Studies must meet the following admission requirements:

1. Completion of a Bachelor's degree from a regionally accredited college or university.

Exceptions: Applicants from an institution accredited by the Association for Biblical Higher Education, or from other institutions not accredited by a regional association, will be considered on an individual basis. If accepted, provisional standing will be applied. After completion of 12 units earning a grade of "B" or better in each course, the student may request transferring to regular standing.

Students in the senior year of their Bachelor's degree can still apply. If admitted, provisional standing is granted while finishing their Bachelor's degree.

1. A cumulative grade point average (GPA) of 3.0 or higher (on a fourpoint scale) in all Bachelor's work.

Exception: If the GPA is below 3.0, the student's application may still be considered at the discretion of the Admissions Committee. If accepted, provisional status will be granted, requiring students to complete the first 12 units of graduate level courses with grades of "B" or above before receiving further consideration for regular standing in the GPR.

## Transfer Credit

M.A.L.S. students may transfer a maximum of 6 units of coursework from an accredited graduate program when the coursework directly applies to their program design. Requests for transfer credit are to be submitted to the Registrar no later than the deadline for advancement to candidacy. Final decisions regarding transfer credit rests with the Registrar upon receipt of the recommendation of the Director. No courses with a grade lower than "B" (3.0) will be transferred toward the M.A. degree. No transfer credit can be granted for coursework used for a degree awarded by another institution. A minimum of 30 units at VU is
required of all students in the M.A. degree program. All core courses must be taken at VU .

## Graduation Requirements

Overview: To complete a graduate degree program, students will need to successfully complete the specified coursework, choose and complete an exit option, and apply for graduation. The graduation requirements for these steps are as follows:

## Coursework and Academic Standing

Successfully complete the core and elective courses for an approved program. "Successful completion" means achieving a minimum cumulative grade point average of 3.0 for the M.A. degree, or a grade point average of 2.67 for the M.A.T. degree. Also, no more than two course grades of $C+$ or $C$ can count toward the M.A. degree, and no more than two course grades of C or C - can count toward the M.A.T. degree. Lastly, the student must have regular standing (rather than provisional), with all academic deficiencies resolved.

## Choose Exit Option

M.A.L.S students will take CLSG-750 Capstone Project

Students may choose to do action research, directed reading or a specialized project.

## Application for Graduation

Students must file an application for graduation with the GPT Office by no later than the beginning of the semester in which the degree will be granted, even if the student does not participate in the commencement ceremony. The Application for Graduation form is available in the GPT Office and the Registrar's Office. The degree is conferred on the last day of the semester in which the student has completed all degree program requirements as described above, and has satisfied the following requirements:

1. File all the necessary forms in accordance with the timetable provided by the GPT Office.
2. Successfully complete all degree requirements within the "maximum time" limits of eight (8) years.
3. If transferring any graduate coursework, submit official, original transcripts accompanied by proper certification from all transfer institutions.
4. Settle all financial obligations to the University.

## The Academic Program of the M.A.L.S.

The curriculum is composed of 11 required Leadership courses and one capstone course for a program total of 36 units.

## Program Learning Outcomes

1. Apply leadership theory, a theological and ethical framework, and critical thinking skills in order to creatively impact their organizations and environments,
2. Apply the intercultural and communication skills necessary to lead in partnership with people of other cultures and contexts,
3. Apply tools of moral reasoning and decision making to ethical dilemmas in specific contexts of leadership, life, and ministry, and
4. Formulate and present a theological a framework of spirituality in relation to character development and the soul care of leadership.
5. Contextualize leadership in any of the following elective concentrations: Christian Spirituality, Hispanic Leadership, or Women and Justice.

## Requirements

The required courses develop a theological and theoretical framework for understanding leadership, mission and culture, and ethics in order to reflect theologically on what it means to be in authentic community and to examine the impact of mission in the community. The research course provides practical opportunity for students to learn how to conduct inquiry through a variety of methods that will be used in coursework and in the final exit option.

| Code | Title | Units |
| :--- | :--- | ---: |
| Program Core Requirements |  |  |
| CLSG-632 | Team Development \& Conflict Management | 3 |
| CLSG-638 | Leadership/Global Issues | 3 |
| CLSG-642 | Soul Care of Others | 3 |
| CLSG-646 | Leadership/Character Developmt | 3 |
| CLSG-710 | Mission/Culture in Theo Persp | 3 |
| CLSG-715 | Church/Contemporary Moral Issues | 3 |
| CLSG-720 | Theology/Theory of Leadership | 3 |
| RELG-788 | Resrch Meth: Leadership Studies | 3 |
| Exit Option |  | $\mathbf{3}$ |
| CLSG-750 | Capstone Project | $\mathbf{2 7}$ |

## Concentrations for the Masters of Arts in Leadership Studies

## Select one of the following M.A.L.S. program concentrations.

## Christian Spirituality

Spirituality contributes to organizational health and effectiveness according to recent studies. A spirituality arising from the Christian faith both informs individual transformation and creates communities that model human flourishing in the context of sacrificial service. Building on selected courses in the core curriculum, this concentration examines the meaning and historical development of Christian spirituality, and the contemporary role of spiritual direction.

| Code | Title | Units |
| :--- | :--- | ---: |
| Concentration Requirements |  |  |
| CLSG-601 | History of Spirituality | 3 |
| CLSG-606 | Spiritual Formation | 3 |
| CLSG-607 | Spiritual Direction | 3 |
| Total Units |  | $\mathbf{9}$ |

## Hispanic Leadership

Strategic Leadership in a Hispanic church context requires critically engaging the complexities of Hispanic culture, theology, and multigenerational realities. Today's Hispanic churches are facing the challenge to make space for multi-generational identities and develop the leadership skills to embrace predominantly Hispanic communities that are increasingly becoming more bilingual, multicultural and influential. This concentration focuses on equipping pastors and emerging leaders for positional as well as non-positional leadership in Hispanic ministry settings.

| Code | Title | Units |
| :--- | :--- | :---: |
| Concentration Requirements |  |  |
| CLSG-612 | Hispanic Pentecostal Ch History/in US | 3 |
| CLSG-613 | Hisp Ch Leadership/Contemporary Context | 3 |
| CLSG-614 | Indentity/Culture/Social/Hispanic Comm | 3 |
| Total Units |  | 9 |

## Women and Justice

Women in leadership produce more durable peace agreements, healthier families, and stronger economic communities according to the literature. This concentration prepares leaders to bring redemptive resolutions to current challenges in community life, particularly concerning women and justice issues within the family, church and society. Coursework invites biblical and theological reflection, practical application, and consideration of current cultural and global realities for women, including violence, human trafficking, and marginalization.

| Code | Title | Units |
| :--- | :--- | :---: |
| Concentration Requirements |  |  |
| CLSG-633 | Theo/Ethical Response/Woman-Justice | 3 |
| CLSG-634 | A Biblical Theology/Women and Leadership | 3 |
| CLSG-636 | A Biblical Response/Human Trafficking | 3 |
| Total Units |  | $\mathbf{9}$ |

## Courses

CLSG-502 Intro/Grad Stud/Ldrsh/Hisp Pas 3 Credits
CLSG-505 Intro/Church Ldrshp Studies 4 Credits
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-508 Foundations/Leadership Studies 3 Credits
Terms Typically Offered: Fall and Spring.
CLSG-515 Church/Contemp. Moral Issues 3 Credits Terms Typically Offered: Fall.

CLSG-518 Church Leadership Mgt Theory 3 Credits Terms Typically Offered: Fall.

CLSG-519 Crit Thinking/Writing/Minister 3 Credits
CLSG-520 System Anal/Church Organiz 3 Credits
CLSG-521 Disciplines of Spiritual Life 3 Credits
CLSG-522 Conflict Management 3 Credits
Terms Typically Offered: Spring.
CLSG-523 Sociology of Religion 3 Credits
CLSG-524 Pentecost-Charismat Mvmnts 3 Credits

LLSG-525 Prin/Church Revitzn/Grth 3 Credits
Terms Typically Offered: Fall.
CLSG-526 Small Group Ministry 3 Credits
Terms Typically Offered: Fall and Spring.
CLSG-528 Current Issues/Latin America 3 Credits Terms Typically Offered: Fall.

CLSG-530 Adv. Pastoral Counseling 3 Credits Terms Typically Offered: Fall and Spring

CLSG-532 History of Pentecostalism 3 Credits Terms Typically Offered: Spring.

CLSG-535 Issues/Pastoral Leadership 3 Credits
Terms Typically Offered: Fall and Spring
CLSG-538 Church Financial Admin. 3 Credits
Terms Typically Offered: Spring.
CLSG-545 Lay Ministry Development 3 Credits
Terms Typically Offered: Fall and Spring
CLSG-546 Parables for Preaching 3 Credits
Terms Typically Offered: Fall.
CLSG-550 Independent Study/Church Ldshp 1-3 Credits Terms Typically Offered: Fall and Spring

CLSG-554 Prin/Meth/Inter-Cult. Ministry 3 Credits Terms Typically Offered: Spring.

CLSG-555 Theol Educ/3rd World 3 Credits
Terms Typically Offered: Summer.
CLSG-556 Current Issues/Youth Ministry 3 Credits Terms Typically Offered: Spring.

CLSG-557 Church Growth 3 Credits
CLSG-564 Religion/Culture/Latin America 3 Credits Terms Typically Offered: Fall.
CLSG-565 Leadership Dev/Cultr Context 3 Credits
Terms Typically Offered: Summer.
CLSG-566 Introduction to Judaism 4 Credits
Terms Typically Offered: Spring.
CLSG-570 Special Topic: 1-3 Credits
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-585 Current Issues in Missiology 3 Credits Terms Typically Offered: Fall.

CLSG-586 Relign,Crisis/Change/Latin Am 2-4 Credits
Terms Typically Offered: Fall.
CLSG-601 History of Spirituality 3 Credits
An exploration of Spirituality throughout church history that includes examples from Orthodox, Roman Catholic, Protestant (including Pentecostal) traditions.
Terms Typically Offered: Spring and Summer.
CLSG-605 Church/Theology Perspective 3 Credits
Terms Typically Offered: Fall.

## CLSG-606 Spiritual Formation 3 Credits

An examination of the theological foundation for spiritual formation and an exploration of the spiritual practices as a means of grace for personal growth, communal spirituality, and faithful service.
Terms Typically Offered: Spring and Summer.

## CLSG-607 Spiritual Direction 3 Credits

The course introduces and develops foundational understandings and resources necessary to explore the practice of spiritual direction, and seeks to assist persons in discerning the ways that God is present and at work in their lives.
Terms Typically Offered: Fall and Summer.
CLSG-610 Appreciative Inquiry 3 Credits
CLSG-611 Leadership and the New Science 3 Credits
Terms Typically Offered: Fall and Spring.
CLSG-612 Hispanic Pentecostal Ch History/in US 3 Credits
This course is a graduate level study of the history and theology of the Hispanic Pentecostal Church in the United States. A particular focus will be on the development of the Hispanic Pentecostal Church following the Azusa Street Revivial in downtown Los Angeles, with special attention to spirituality, social engagement, and culture.

## CLSG-613 Hisp Ch Leadership/Contemporary Context 3 Credits

 The Hispanic Church Leadreship in a Contemporary Context focuses on the development of church leaders in the Hispanic community. Technology and socio-political shifts have contributed to a redefinition of the needs and expectations of a new generation of Hispanic leaders and their congregations. The course uses the lens of anthropology, history, sociology, psychology and theology to examine the constructs of Hispanic church leadership in contemporary context.
## CLSG-614 Indentity/Culture/Social/Hispanic Comm 3 Credits

The Identity, Culture and Social Engagement in the Hispanic Community course provides a theological exploration of human identity rooted in the doctrine of God and current trends in identity development. It engages Hispanic identity and the emerging cultural and social practices as well as challenges within the evolution of the Hispanic Pentecosta church context.

CLSG-615 Church/Contemp Moral Issues 3 Credits Terms Typically Offered: Spring and Summer.

CLSG-618 Church Leadership Mgt. Theory 3 Credits Terms Typically Offered: Spring.
CLSG-620 Change in Christian Organiztns 3 Credits Terms Typically Offered: Summer.
CLSG-621 Mission/Mrktg/Chrstn Organiztn 3 Credits Terms Typically Offered: Spring and Summer.
CLSG-622 Team Development and Conflict Management 3 Credits Terms Typically Offered: Fall and Spring.
CLSG-623 Marketing in Christian Organzt 3 Credits
Terms Typically Offered: Summer.

CLSG-624 Change and Strategic Planning 3 Credits
An examination of change within congregations and religious organizations with a view toward understanding systematically the relationship between the organization and its environment. Alternate strategic planning, problem solving and program evaluation models will be explored in light of intentional mission and ministry.
Terms Typically Offered: Summer.
CLSG-625 Prin/Church Revitzn \& Renewal 3 Credits
Terms Typically Offered: Fall and Summer.
CLSG-626 Soul and Spirit of the Leader 3 Credits
Terms Typically Offered: Fall and Spring.
CLSG-627 New Forms of Preaching in a Postmodern World 3 Credits Terms Typically Offered: Fall.

CLSG-630 Pastoral Counseling/Chrstn Org 3 Credits
Terms Typically Offered: Fall.
CLSG-632 Team Development \& Conflict Management 3 Credits
An exploration of team development and conflict management in relation to leadership effectiveness with an emphasis on team dynamics, the nature of conflict, and strategies of assessment and intervention.
Terms Typically Offered: Spring and Summer.
CLSG-633 Theo/Ethical Response/Woman-Justice 3 Credits
This course is a graduate level study of the biblical foundaiton and ethical response for addressing women and justice issues across the lifespan. Of particular focus will be the role of the Christian leader in cultivating a community where injustice and violence against women and girls cannot survive and that impacts their surrounding society.

CLSG-634 A Biblical Theology/Women and Leadership 3 Credits
This course is a graduate level study of the biblical foundations for contemporary Evangelical views on the roles of women, particularly as they pertain to women in leadership within community life as family, church and the larger society.

## CLSG-635 Iss/Pastoral Leadership 3 Credits

Terms Typically Offered: Spring and Summer.
CLSG-636 A Biblical Response/Human Trafficking 3 Credits
This course is a graduate level study of the role of the Church in combatting human trafficking and family violence. A particular focus will be an integration of salt and light biblical mission with a professional integrity that values expertise and education, practices advocacy with grace, and promotes collaboration to build hope for the widow and the orphan.

## CLSG-638 Leadership/Global Issues 3 Credits

This course focuses on leadership in global and intercultural contexts with an emphasis on the interdisciplinary and interlocking themes of culture, theology and the church. The course explores dimensions of social and organizational identities and examines how cultural perspective impacts both theology and practice. Cultural competence across a range of domains equips leaders to be relevant and innovative in theological reflection and ministry practices.
Terms Typically Offered: Fall and Spring.
CLSG-642 Soul Care of Others 3 Credits
A practical and theological exploration of the nature of the soul and of soul care, and the partnering relationship between pastoral care and other forms of counseling.
Terms Typically Offered: Fall and Summer.

CLSG-645 Contem Iss/Wrldwd Pentec Ldrsh 3 Credits
CLSG-646 Leadership/Character Developmt 3 Credits
This course examines how character development and spirituality can enable leaders to become more authentic in their working relationships and more effective as transformational leaders through their organizations.
Terms Typically Offered: Fall and Spring.
CLSG-650 Indep Studies/Church Leadershp 1-4 Credits
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-655 Theo/Educ/Third World 3 Credits
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-665 Leadership Dev/Cultr Context 3 Credits
Terms Typically Offered: Summer.
CLSG-670 Special Topic: 1-3 Credits
Study in a special topic in leadership studies.
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-680 Ind Study: Leadership Studies 1-3 Credits
An individualized study initiated by the student who must develop a written prospectus of the proposed study and secure an appropriate sponsoring faculty member to supervise and evaluate the study. Up to a maximum of three units may be applied toward the degree requirements. Terms Typically Offered: Fall and Spring.

CLSG-690 Seminar in Leadership Studies 1-3 Credits
Mutual investigation of one topic in cross-cultural ministry of particular relevance to graduate students in leadership studies.
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-705 Church/Theol Perspective 3 Credits
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-710 Mission/Culture in Theo Persp 3 Credits
This interdisciplinary study, integrating theology and praxis, seeks to develop a theology of mission based on the premise that the unifying theme of Scripture is embodied in the concept of the Kingdom of God introduced in the Old Testament, fulfilled in the ministry of Jesus Christ in the New Testament, and demonstrated to the world through the life and actions of a believing community empowered by the Holy Spirit.
Terms Typically Offered: Fall and Summer.

## CLSG-715 Church/Contemporary Moral Issues 3 Credits

This course aims to develop a constructive Christian ethic as a basis from which to address the moral problems confronting leaders in the contemporary church. The course explores the relationship between theological reflection and ethical thinking and examines how cultural perspective and context impact ethical decision-making.
Terms Typically Offered: Fall and Spring.

## CLSG-720 Theology/Theory of Leadership 3 Credits

An examination of leadership, including theological and theoretical frameworks, that will enable students to assess their own mental models and inform their leadership practices in organizational settings. Terms Typically Offered: Fall and Spring.

## CLSG-741 Expository Preaching 3 Credits

Building on coursework in either Old or New Testament Interpretation, this course teaches the development of a biblical text and the practical delivery of a sermon. While focused primarily on expository preaching, narrative and topical sermon structures will also be explored.
Terms Typically Offered: Summer.

CLSG-750 Capstone Project 3 Credits
This course serves as a capstone for the Masters of Arts in Leadership Studies (MALS) program, in which the student integrates personal program experience with an investigation in one of the folloiwng options: a directed reading, action research, or a directed research.
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-780 Ind. Stud: 1-3 Credits
Terms Typically Offered: Spring.
NTG-501 Advanced Greek I 2 Credits
Terms Typically Offered: Fall.
NTG-502 Advanced Greek II 2 Credits
Terms Typically Offered: Spring.

## NTG-503 Beginning Greek I 4 Credits

An introduction to Greek grammar, vocabulary and syntax for the graduate student. Offered alternate years.
Terms Typically Offered: Fall.

## NTG-504 Beginning Greek II 4 Credits

A continuation of Beginning Greek I.
Terms Typically Offered: Spring.
NTG-508 New Testament Theology \& Interpretation 3 Credits
This course surveys the basic issues in the historical, social, and theological interpretations of the New Testament. As such, it constitutes a basic introduction to exegetical and theological methods.
Terms Typically Offered: Fall, Spring, and Summer.

## NTG-542 Christology in the New Testament 3 Credits

A critical examination of the various interpretations of Jesus Christ's nature and the nature of his work as they are found within the New Testament. The Jewishness of Jesus and interpreting the New Testament witness on him as the Christ against that of the Law and the Temple during his times are taken into the context of exploring biblical Christology.
Terms Typically Offered: Spring.

## NTG-546 Parables for Preaching 4 Credits

An examination of the interrelationship between the meaning of the parables as Jesus spoke them to His original hearers and the message of parables proclaimed in the church today.
Terms Typically Offered: Fall.
NTG-550 Independent Study/New Testament 1-3 Credits
Terms Typically Offered: Fall, Spring, and Summer.
NTG-552 New Testament Theology 3 Credits
Terms Typically Offered: Fall and Spring.
NTG-555 New Testament Ethics 3 Credits
This course is designed to acquaint students with the ethical teachings of the New Testament, and to probe the relevance of New Testament ethics for a contemporary personal and social ethic.

## NTG-631 Intermediate Greek I 3 Credits

Further study of grammar and syntax, including extensive exegesis of selected Johannine and Pauline texts. Offered alternate years.
Terms Typically Offered: Fall.
NTG-632 Intermediate Greek II 3 Credits
A continuation of Greek I. Offered alternate years.
Terms Typically Offered: Spring.

NTG-650 Independent Study in New Testament 1-4 Credits
Terms Typically Offered: Fall and Spring.
NTG-670 Special Topic: 1-3 Credits
Study in a special topic in New Testament.
Terms Typically Offered: Spring.
NTG-680 Ind Study: 1-4 Credits
An individualized study initiated by the student who must develop a written prospectus of the proposed study and secure an appropriate sponsoring faculty member to supervise and evaluate the study. A maximum of four units may be applied toward the degree requirements. Terms Typically Offered: Fall, Spring, and Summer.

NTG-690 Seminar: 1-3 Credits
An investigation of one topic in the New Testament of particular relevance to graduate students in religion. Examples are: Jesus and the Gospels, New Perspectives on Paul, Spiritual Gifts, and Women in the New Testament.

Terms Typically Offered: Spring
NTG-710 Current Issues in New Testament Studies 3 Credits
An investigation and evaluation of the basic critical problems of New Testament interpretation which aims to acquaint the student with the more significant methodologies and personalities in contemporary scholarly studies.
Terms Typically Offered: Fall.
OTG-502 Introduction to Hebrew 2 Credits
OTG-503 Beginning Hebrew I 4 Credits
An introduction to Hebrew grammar, vocabulary and syntax for the graduate student. Offered alternate years.
Terms Typically Offered: Fall.
OTG-504 Beginning Hebrew II 4 Credits
A continuation of Beginning Hebrew I. Offered alternate years
Terms Typically Offered: Spring.
OTG-505 O.T. Life and Literature 3 Credits
Terms Typically Offered: Spring.
OTG-506 Advanced Hebrew I 2 Credits
Terms Typically Offered: Fall.
OTG-507 Advanced Hebrew II 2 Credits
Terms Typically Offered: Spring.

## OTG-508 O.T. Exegesis 3 Credits

This course is designed to acquaint the student with some of the methodological, cultural, literary and theological issues that facilitate and condition the study of the Old Testament and that will lay a foundation for further work in that field. The final project will be an exegesis of a passage of Old Testament scripture.
Terms Typically Offered: Fall and Spring.
OTG-518 Old Testament Theology \& Interpretation 3 Credits
This course surveys the basic issues in the historical, social, and theological interpretations of the Old Testament. As such, it constitutes a basic introduction to exegetical and theological methods.
Terms Typically Offered: Fall
OTG-520 Current Issues/Old Testament 3 Credits
Terms Typically Offered: Fall and Spring.
OTG-521 Apocalyptic Literature 3 Credits
Terms Typically Offered: Fall and Spring.

OTG-530 Kingdom/God-Old Testament 3 Credits Terms Typically Offered: Fall.

OTG-535 Moral Issues/Old Testament 3 Credits
Terms Typically Offered: Fall.
OTG-540 Seminar. 3 Credits
OTG-541 Seminar: 3 Credits
Terms Typically Offered: Fall and Spring
OTG-542 Seminar: 3 Credits
OTG-546 Semitic Languages: 3 Credits
Terms Typically Offered: Fall.
OTG-547 Semitic Languages II 3 Credits
Terms Typically Offered: Spring.
OTG-550 Independent Study/Old Test. 1-3 Credits
Terms Typically Offered: Spring.
OTG-562 Selected Themes/OT Theology 2-4 Credits
OTG-566 Introduction to Judaism 4 Credits
Terms Typically Offered: Spring.
OTG-570 Special Topic: 1-3 Credits
Terms Typically Offered: Fall.
OTG-572 Old Testament Theology 3 Credits
Terms Typically Offered: Fall.
OTG-574 Old Testament Ethics 3 Credits
The study of moral theology through a biblical theology of the created order. It is designed to explore the possibility of formulating a systematic approach to the norms for ethical conduct as they are set forth both in edict, institution and deed in the literature of the Old Testament. (M.T.S. must have OT Life and Literature or its equivalent.)

OTG-578 Old Testament Introduction 3 Credits
OTG-582 Bibl Theo of Lv,Sex,Marr \& Fam 3 Credits
Terms Typically Offered: Fall.
OTG-584 Bibl Theo of Pwr,Wlth \& Prosp 4 Credits
OTG-586 Bibl Theo/Power,Wlth,Prosper 3 Credits
Terms Typically Offered: Spring.
OTG-625 Current Issues/O.T. Studies 3 Credits
Terms Typically Offered: Spring.
OTG-630 Kingdom of God/Old Testament 3 Credits
Terms Typically Offered: Fall.
OTG-631 Intermediate Hebrew I 3 Credits
Further study of grammar and syntax including extensive exegesis of the narrative portions of the Old Testament. Offered alternate years.
Terms Typically Offered: Fall.

## OTG-632 Intermediate Hebrew II 3 Credits

A continuation of Intermediate Hebrew I. Offered alternate years.
Terms Typically Offered: Spring.
OTG-635 Moral Issues/Old Testament 3 Credits

OTG-640 Kingdom of God/Old Testament 3 Credits
This course will focus on the following aspects of kingdom theology in the Old Testament: The theology of the kingship of Yahweh; the theology of human kingship in ancient Israel as it was ideally conceived; the rise of the monarchy- the idealized Davidic kingship; the development of the monarchy as it actually materialized in Israel and in Judah and; the application of these theologies to life situations. Included will be a study of the theological values in the patriarchal journeys, together with the archeological backgrounds of the patriarchs; the contribution of genealogies; the competition from neighboring concepts of God and kingship, the people of Israel and their land.
Terms Typically Offered: Spring.
OTG-650 Independent Studies/0.T. 1-4 Credits
Terms Typically Offered: Spring and Summer.
OTG-670 Special Topic: 1-3 Credits
Study in a special topic in Old Testament.
Terms Typically Offered: Fall and Spring.

## OTG-680 Individual Study in Old Testament 3 Credits

A study of a subject not addressed by a regular course that is initiated by the student through a written prospectus of the proposed study and the securing of an appropriate sponsoring faculty member to supervise and evaluate the study. Up to a maximum of four units may be applied toward the degree requirements.
Terms Typically Offered: Fall, Spring, and Summer.
OTG-690 Seminar in Old Testament 3 Credits
An investigation of one topic in the Old Testament of particular relevance to graduate students in religion. Examples are: Exodus, Isaiah, and Psalms.
Terms Typically Offered: Fall.
OTG-725 Current Issues in Old Testament Studies 3 Credits
An investigation and evaluation of the basic critical problems of Old Testament interpretation which aims to acquaint the student with the more significant methodologies and personalities in contemporary scholarly studies.
Terms Typically Offered: Spring.
RELG-595 Directed Reading 3 Credits
Terms Typically Offered: Fall and Spring.
RELG-596 Research Methodology 3 Credits
Terms Typically Offered: Fall.
RELG-597 Master's Project 3 Credits
Terms Typically Offered: Spring.
RELG-598 Master's Thesis 3 Credits
Terms Typically Offered: Spring.
RELG-599 Cont Reg: Master Study 1 Credit
Terms Typically Offered: Fall and Spring.
RELG-650 Directed Reading 3 Credits
RELG-680 Ind Studies: 1-4 Credits
Terms Typically Offered: Spring.
RELG-693 Integrative Seminar 3 Credits
The Integrative Seminar is a classroom experience designed to help students reflect theologically on ministry experience by integrating what they have learned in graduate coursework with the practice of ministry. Terms Typically Offered: Fall, Spring, and Summer.

## RELG-694 Field Education 3 Credits

A field education experience with a qualified mentor approved by the Faculty Supervisor in Field Education. See the Graduate Religion Office for applications.
Terms Typically Offered: Fall and Summer.
RELG-695 Directed Reading 3 Credits
Terms Typically Offered: Spring and Summer.
RELG-696 Research Methodology 3 Credits
Terms Typically Offered: Fall and Spring.

## RELG-697 Master's Project 3 Credits

RELG-698 Master's Thesis 3 Credits
Terms Typically Offered: Spring.
RELG-778 OCMS Thesis Proposal 4 Credits
Terms Typically Offered: Fall.

## RELG-779 OCMS Continued Registration 1-4 Credits

## RELG-780 Independent Study 1-4 Credits

## RELG-788 Resrch Meth: Leadership Studies 3 Credits

An introduction to research and inquiry regarding leadership and religious organizations. Students will design and complete a mini research project that includes: a problem statement, definition of terms, limitations and delimitations, literature review, description of research method, collection of data, data analysis and interpretation of data. Required for all M.A. students, and M.T.S. students who have chosen the thesis, project or directed reading option in the field of Leadership Studies. May be used as one elective M.T.S. course.
Terms Typically Offered: Spring and Summer.
RELG-790 Exit Option Design/Proposal:Bib Studies 3 Credits
Terms Typically Offered: Spring.

## RELG-791 Exit Option Design/Proposal:leadership 3 Credits

The development of appropriate thesis and directed reading topics in the field of Leadership Studies, and the description of these topics in a formal proposal format. Students will meet with selected faculty and other students enrolled in each semester to research proposals until approved by faculty. After approval of the research proposal, students will continue to meet in this seminar to report progress on their research exit options. Required for all M.A. students, and M.T.S. students who have chosen the thesis or directed reading option in the field of Leadership Studies. May be used as one elective M.T.S. course.
Terms Typically Offered: Spring and Summer.

## RELG-795 Directed Reading 3 Credits

The development of a problem statement necessary to conduct a literature search in a given area. Written critiques, a summary reflection paper and meetings between the student and the directed reading mentor monitor the student's progress and mastery of research topic.
Terms Typically Offered: Fall, Spring, and Summer.

## RELG-795A Directed Reading 4 Credits

RELG-796 Research Methodology 2 Credits
Terms Typically Offered: Fall, Spring, and Summer.
RELG-797 Master's Project 3 Credits
Terms Typically Offered: Fall and Summer.

## RELG-798 Master's Thesis 3 Credits

The study of a well-defined problem that both emerges from and carries forward some existing body of knowledge or theory. Students who choose this research option, work with the guidance of a faculty committee.
Terms Typically Offered: Fall, Spring, and Summer.

## RELG-798A Master's Thesis 4 Credits

RELG-799 Continuted Registration: Master's Study 1 Credit
Required for each semester subsequent to registration of RELG 790, $791,795,797$, or 798 until completed. Must be enrolled in semester of completion. RELG 799 credits do not count toward M.A. or M.T.S. degree requirements.
Terms Typically Offered: Fall, Spring, and Summer.
RELG-799A Cont Reg: Master's Study 1 Credit
Terms Typically Offered: Fall and Spring.
THOG-501 Found/Theological Studies 6 Credits
Terms Typically Offered: Fall.
THOG-505 Intro to Theology \& Ethics 3 Credits
Terms Typically Offered: Fall and Spring.
THOG-507 Theology and Ethics 3 Credits
THOG-508 Theological Studies 3 Credits
This course is designed mainly to expose the student to the nature and task of theology, especially to the issue of theological method. Included in theological method will be how biblical themes are interpreted in light of tradition and social/cultural contexts. Also included will be an awareness of the major fields of theological study.
Terms Typically Offered: Fall.
THOG-510 Systematic Theology: Christology, Anthropology,

## Soteriology 3 Credits

This course explores the subject of Christ, his person and work, and the topics of humanity and salvation using both a historical and constructive approach.
Terms Typically Offered: Fall.
THOG-515 Intro to Narrative Theology 3 Credits
Terms Typically Offered: Spring.
THOG-520 Systematic Theology: Pneumatology, Ecclesiology, and Eschatology 3 Credits
This course explores the subject of the Holy Spirit, including personage and deity, and the topics of the church, nature and purpose, and eschatology, including the nature of hope and the kingdom of God using both a historical and constructive approach.
Terms Typically Offered: Fall.
THOG-530 Systematic Theology: Theological Method, Revelation, and Theology Proper 3 Credits
This course explores the sources and method of theology, the topic of revelation, and the subject of God, including the Trinity and divine attributes using both a historical and constructive approach.
Terms Typically Offered: Fall.
THOG-532 Women in Ministry 3 Credits
THOG-533 Ldrshp/Context Urban Min. I 3 Credits
Terms Typically Offered: Fall.
THOG-534 Urban Ministry 3 Credits
THOG-535 Current Religious Trends 4 Credits

THOG-536 Contemporary Pentecostal Theology 3 Credits
This course examines current trends and issues in Pentecostalism by critically exploring global Pentecostal Theologians and movements. The historical origin and development of Pentecostal thought in theology will also be covered.

THOG-537 Philosophical Theology 3 Credits
Terms Typically Offered: Spring.
THOG-552 New Testament Theology 3 Credits
Terms Typically Offered: Spring.
THOG-555 New Testament Ethics 3 Credits
THOG-557 Historical Theology 3 Credits
An investigation of the system of doctrine of the Christian faith with attention to the lives of the framers of early Christian doctrine; exploration of the development of Christian theology and doctrine throughout the reformation period and the twentieth century. The development of theological themes during this modern period will be discussed against the background of major events in church history and will be evaluated in terms of its relevance for the current situation of the churches.
Terms Typically Offered: Fall.
THOG-562 Selected Themes/Ot Theology 2-4 Credits
THOG-565 Christianity and Society 3 Credits
Terms Typically Offered: Spring.
THOG-567 Beauty and the Christian Life 3 Credits
Terms Typically Offered: Fall.
THOG-570 Special Topic: 1-3 Credits
Terms Typically Offered: Spring.
THOG-572 Old Testament Theology 3 Credits
Terms Typically Offered: Fall.
THOG-574 Old Testament Ethics 3 Credits
THOG-575 Contemporary Theological Ethic 4 Credits
THOG-582 Bibl Theo of Lv,Sex,Marr \& Fam 3 Credits
Terms Typically Offered: Fall.
THOG-584 Bibl Theo of Pwr,WIth \& Prosp 4 Credits
THOG-586 Bibl Theo/Power,Wlth,Prosper 3 Credits
Terms Typically Offered: Spring.
THOG-589 C.S. Lewis II 3 Credits
Terms Typically Offered: Fall and Spring.

## THOG-590 Seminar: 1-3 Credits

Terms Typically Offered: Fall, Spring, and Summer.

## THOG-630 Narrative Theo \& Hermeneutics 3 Credits

This course explores the implications of narrative as a way of engaging in the theological task. Particular attention is given to narrative biblical interpretation, theology, and preaching. In addition, students will become aware of the use of narrative in emerging theological voices in cultures outside the West (and minority cultures within the West), especially in Pentecostal contexts.
Terms Typically Offered: Fall.
THOG-633 Ldrshp/Context Urban Min. II 3 Credits
THOG-635 Moral Issues in Old Testament 3 Credits

## THOG-640 Systematic Theology 3 Credits

This course will introduce the student to the major loci of systematic theology, including such major topics as God, Christology, Pneumatology, Soteriology, Ecclesiology, and Eschatology. Each topic will be explored with the biblical witness, historical developments, and current issues in mind. The goal will be to provide the student with a broad basis for advanced graduate-level work in systematic theology.
Terms Typically Offered: Fall.
THOG-645 Theology \& Ministry/Postmodern Context 3 Credits The cultural-linguistic turn, otherwise known as postmodernism, changes everything. This course aims to enable students to recognize the effect of postmodernity on the twin tasks of doing theology and engaging in ministry. The goal will be to explore what it means to effectively contextualize the timeless message of God's work without accommodating it to the prevailing zeitgeist. Toward this end, students will evaluate various evangelical responses to postmodernism, explore what it means to do ministry in a missional rather than institutional manner, and examine the various ways in which evangelical churches have endeavored to reinvent themselves so as to minister effectively (make disciples, image the kingdom of God) in a postmodern, postChristian context.
Terms Typically Offered: Fall.
THOG-650 Ind. Studies: Theology and Ethics 4 Credits
Terms Typically Offered: Fall, Spring, and Summer.
THOG-670 Special Topic: 1-3 Credits
Study in a special topic in theology and ethics.
Terms Typically Offered: Fall and Summer.
THOG-680 Individual Study. 1-3 Credits
An individualized study initiated by the student who must develop a written prospectus of the proposed study and secure an appropriate sponsoring faculty member to supervise and evaluate the study. Up to a maximum of three units may be applied toward the degree requirements. Terms Typically Offered: Fall and Summer.

THOG-690 Seminar: 1-3 Credits
Terms Typically Offered: Fall and Spring.

## Theology M.A.

The MA in Theology enhances a students' understanding of biblicallyinformed faith by providing a firm foundation in systematic theology, biblical studies, and applied theology. This degree prepares students for ministry in the Church and can serve as a strong academic platform for post-graduate studies.

## Admission Requirements for the M.A.T

A student seeking the Master of Arts in Theology Degree must meet the following admission requirements:

1. The completion of a Bachelor's degree from a regionally accredited college or university.
a. Exceptions: Applicants from institutions that are accredited by the American Association of Bible Colleges, or from other institutions not accredited by a regional association, are considered on an individual basis. If accepted, provisional standing is applied. After completion of 12 units earning a grade of " $B$ " or better in each course, the student may request transferring to regular standing.
b. Students in the senior year of their Bachelor's degree can still apply. Such students may be admitted with provisional standing while finishing their Bachelor's degree.
2. A cumulative grade point average of 2.5 or higher (on a four-point scale) in all Bachelor's work.
a. Exception: If the GPA is below 2.5 , student applications may still be considered at the discretion of the Admissions Committee. If accepted, provisional standing is granted, requiring completion the first 12 units of graduate level courses with grades of " B " or above before receiving further consideration for regular standing in the GPR.
3. Prerequisites: Old Testament Survey and New Testament Survey. Students may submit portfolio for Faculty approval.

## Transfer Credit

Students in the M.A.T. program may transfer a maximum of twelve (12) units of coursework from an accredited graduate program when the coursework applies directly to their program design. Requests for transfer credit are to be submitted to the Registrar no later than the deadline for advancement to candidacy. Final decisions on matters of transfer credit rest with the Registrar upon receipt of the recommendation of the Director. No course with a grade lower than "B-" (2.67) is considered in transfer toward the M.A.T. degree. No transfer credit can be granted for coursework used for a degree awarded by another institution. A minimum of 36 units at VU is required of all students in the M.A.T. degree program.

## The Academic Program of the M.A.T.

This degree program requires 12 required courses ( 36 units), 3 elective courses ( 9 units) and the Exit Option Integrative Seminar (3 units). Students choosing the Directed Reading (3 units) or the Master's Thesis (3 units) Exit Option instead of the Integrative Seminar will register in additional 3 units for the Exit Option Design and Proposal course, which will be applied toward the 9 unit elective requirement. The program will consist of 48 total units.

## Graduation Requirements

Overview: To complete a graduate degree program, students will need to successfully complete the specified coursework, choose and complete an exit option, and apply for graduation. The graduation requirements for these steps are as follows:

## Coursework and Academic Standing

Successfully complete the core and elective courses for an approved program. "Successful completion" means achieving a minimum cumulative grade point average of 3.0 for the M.A. degree, or a grade point average of 2.67 for the M.A.T. degree. Also, no more than two course grades of $\mathrm{C}+$ or C can count toward the M.A. degree, and no more than two course grades of C or C - can count toward the M.A.T. degree. Lastly, the student must have regular standing (rather than provisional), with all academic deficiencies resolved.

## Choose Exit Option

The final stage of the degree program is the exit option, which allows the candidate to develop specialized expertise in an area of interest related to the academic program.
M.A.T students may complete the exit option in one of the following ways:

Option 1: RELG-693 Integrative Seminar (3 units)
Option 2: RELG-795 Directed Reading + RELG-791 Exit Option Design/ Proposal:leadership (6 units)

Option 3: RELG-798 Master's Thesis + RELG-791 Exit Option Design/ Proposal:leadership (6 units)

Students who choose Option 2 or Option 3, must obtain approval from appropriate faculty on the Exit Option Application and return it to the GPT Office by no later than the beginning of the semester in which the exit option will be completed.

## GUIDELINES FOR INTEGRATIVE SEMINAR

The Integrative Seminar option is available to students who are enrolled in the M.A.T. programs. The Integrative Seminar is designed to help students reflect theologically on ministry experience by integrating what they have learned in graduate coursework with the practice of ministry.

## To complete this exit option:

Register in RELG-693 Integrative Seminar Integrative Seminar (3 units).

## GUIDELINES FOR DIRECTED READING OPTION

In general, the directed reading option is an opportunity to explore a subject of interest. Research should be supported by at least 4,500 pages of scholarly reading, and the results are expressed by written critiques, oral or written examinations, annotated bibliographies, or other means that the student and faculty mentor have agreed on.

## To complete this exit option:

1. Students should register for RELG-795 Directed Reading (3 units)and RELG-791 Exit Option Design/Proposal:leadership (3 units)
2. Select a topic. The exit option design and proposal professor and/or academic advisor should be consulted as needed.
3. Select Faculty Committee Chair and begin to describe the research topic in prospectus form (as instructed in the exit option design and proposal course).
4. Select one other faculty reader after consulting with the Chair.
5. Complete the Exit Option Application and return it to the GPT Office.
6. Submit a copy of the approved prospectus with the GPT Office.
7. Submit the final draft of the synthesis paper to the Faculty reader and Chair. Deadlines for submission of the synthesis paper are available from the GPT Office.
8. Complete the directed reading in consultation with the Chair, and submit a copy of the final synthesis paper with the GPT Office.

## GUIDELINES FOR THESIS

A thesis is an intensive study of a subject relevant to the student's concentration. The project options allow one to study/survey, and contribute to some aspect of ministerial studies. Research for any option will be guided by three professors and formally written and defended. The average size of a thesis is approximately 100 pages.

To complete this exit option:

1. Register for RELG-798 Master's Thesis (3 units) AND RELG-791 Exit Option Design/Proposal:leadership (3 units)
2. Select a topic. The research methodology professor and/or academic advisor should be consulted as needed.
3. Select a faculty committee chair and clarify the research topic in prospectus form (as instructed in the Exit Option Design and Proposal course).
4. Select a faculty committee in consultation with the committee chair. The committee must consist of at least three faculty members. In rare instances, students may request that scholars other than VU faculty be allowed to serve as readers on their thesis committee.
5. Complete the Exit Option Application and return it to the o GPT Office
6. File a copy of the approved prospectus with the GPT Office.
7. The completed thesis must be submitted at least three months prior to defense date. Deadlines for Defending the Thesis/Project are available from the GPT Office.
8. Defend the exit option when the committee agrees that it is complete enough to defend.

## Application for Graduation

Students must file an application for graduation on the self-service portal no later than the beginning of the semester in which the degree will be granted, even if the student does not participate in the commencement ceremony. The degree is conferred on the last day of the semester in which the student has completed all degree program requirements as described above, and has satisfied the following requirements:

1. File all the necessary forms in accordance with the timetable provided by the GPT Office.
2. Successfully complete all degree requirements within the "maximum time" limits of eight (8) years.
3. If transferring any graduate coursework, submit official, original transcripts accompanied by proper certification from all transfer institutions.
4. Settle all financial obligations to the University.

## Program Learning Outcomes

1. Students will gain competence in theology by reflecting on its classical topics in light of their historical developments and contextual challenges.
2. Students will develop competence in biblical theology and Scriptural interpretation.
3. Students will develop competence in applied theology through the study of ethics, leadership and ministry in various contexts.

## Requirements

## Core Course Requirements

These core courses embody specific, foundational readings, dialogue and research/writing instruction for each of the three areas of the degree.
Students gain familiarity with the scope of each academic discipline enabling them to proceed with the second level of the program. These courses also introduce the student to the books of the Old Testament and New Testament, to the study of Christian theology and ethics, to the distinctive features of a Pentecostal/Charismatic theology of church
leadership and mission, including its biblical foundations and moral responsibilities, and principles of leadership which include sermon preparation, administration, pastoral care and counseling, intercultural and urban ministry, and spirituality.

| Code | Title Un | Units |
| :---: | :---: | :---: |
| Core Course Requirements |  |  |
| THOG-510 | Systematic Theology: Christology, Anthropology, Soteriology | 3 |
| NTG-508 | New Testament Theology \& Interpretation | 3 |
| OTG-518 | Old Testament Theology \& Interpretation | 3 |
| CLSG-741 | Expository Preaching | 3 |
| THOG-520 | Systematic Theology: Pneumatology, Ecclesiology, and Eschatology | , 3 |
| THOG-530 | Systematic Theology: Theological Method, Revelation, and Theology Proper | 3 |
| THOG-536 | Contemporary Pentecostal Theology | 3 |
| OTG-690 | Seminar in Old Testament | 3 |
| NTG-690 | Seminar: | 3 |
| CLSG-715 | Church/Contemporary Moral Issues | 3 |
| CLSG-720 | Theology/Theory of Leadership | 3 |
| THOG-645 | Theology \& Ministry/Postmodern Context | 3 |
| Elective Course Requirements |  | 9 |
| The elective courses provide a broad base of interpretive skills in biblical interpretation, an understanding of Christian theology, and an introduction to the ministry and mission of the Christian church. The elective courses can be distributed between Biblical Studies, Theology and Leadership, or focused on any one of the three areas. |  |  |
| Bibilical Studies Electives: |  |  |
| Old Testament |  |  |
| OTG-503 | Beginning Hebrew I |  |
| OTG-504 | Beginning Hebrew II |  |
| OTG-631 | Intermediate Hebrew I |  |
| OTG-632 | Intermediate Hebrew II |  |
| OTG-574 | Old Testament Ethics |  |
| OTG-670 | Special Topic: |  |
| OTG-680 | Individual Study in Old Testament |  |
| New Testament |  |  |
| NTG-503 | Beginning Greek I |  |
| NTG-504 | Beginning Greek II |  |
| NTG-631 | Intermediate Greek I |  |
| NTG-632 | Intermediate Greek II |  |
| NTG-546 | Parables for Preaching |  |
| NTG-555 | New Testament Ethics |  |
| NTG-670 | Special Topic: |  |
| NTG-680 | Ind Study: |  |
| Theology and Ethics |  |  |
| THOG-670 | Special Topic: |  |
| THOG-680 | Individual Study: |  |
| Leadership Electives |  |  |
| CLSG-601 | History of Spirituality |  |


| CLSG-606 | Spiritual Formation |
| :--- | :--- |
| CLSG-607 | Spiritual Direction |
| CLSG-624 | Change and Strategic Planning |
| CLSG-632 | Team Development \& Conflict Management |
| CLSG-646 | Leadership/Character Developmt |
| CLSG-710 | Mission/Culture in Theo Persp |
| CLSG-670 | Special Topic: |
| CLSG-680 | Ind Study: Leadership Studies |
| CLSG-690 | Seminar in Leadership Studies |
| Field Education Electives |  |
| FERG-510 | Field Education in Student Ministries |
| FERG-515 | Field Education in Church Administration |
| FERG-520 | Field Education in Worship Leadership |
| FERG-525 | Field Education in Family Life and Small Group <br> Ministries |
| FERG-530 | Field Education in Pastoral Leadership Ministries |
| Exit Option | Select one of the following options: <br> RELG-693 Integrative Seminar <br> RELG-791 Exit Option Design/Proposal:leadership <br> \& RELG-795 Directed Reading <br> RELG-791 Exit Option Design/Proposal:leadership <br> \& RELG-798 Master's Thesis <br> and  |


| Total Units | 48-51 |
| :--- | :--- |

## THE SCHOOL FOR PROFESSIONAL STUDIES

Renea Brathwaite, Ph.D., Dean

Mission: The School for Professional Studies at Vanguard University serves life-long learners throughout their educational journey. The structure and format of the degree programs make it possible and manageable for working adults to accomplish their educational goals without sacrificing their careers and important responsibilities.

## General Information

The School for Professional Studies (SPS) offers the following undergraduate programs of study:

- Bachelor of Arts in Business Administration (p. 168) (on campus)
- Bachelor of Arts in Management (p. 168) (online and on campus)
- Bachelor of Arts in Psychology (p. 279) (online and on campus)
- Bachelor of Arts in Theology, with a concentration in Ministry and Leadershi (p. 324)p (p. 326) (online and on campus)
- Bachelor of Arts in Early Childhood (p. 119) (online)
- Bachelor of Arts in Early Childhood with an emphasis in Special Education (p. 119) (online)
- Bachelor of Science in Nursing (RN to BSN) (p. 240) (on campus)
- Certificate in Anti-Human Trafficking (p. 314) (online)
- Certificate in Early Childhood (p. 119) (online)
- Certificate in Transitional Kindergarte (p. 119)n (p. 128) (online)

All courses are offered either online or one night per week. Each course meets in accelerated 5 to 8 -week formats. Small, dynamic classroom settings allow students the opportunity to share their personal and professional experiences in an academically stimulating environment of mutual respect, learning, and support, whether on campus or online. Accomplished faculty bring both practical and academic acumen to the classroom. Moreover, the program's student success team helps each student navigate through the various aspects of the university as well as assists each student in individualized academic planning.

## Admissions Information

Please refer to the Admissions Information section for more information on our admission requirements and application process.

## Academic Calendar

The School for Professional Studies offers programs on a year-round basis, with courses starting at various intervals each semester. Click here (p. 6) to access the academic calendar.

## Degree Program Registration and Orientation Date

Orientations are typically held on the Thursday prior to the beginning of the semester. New student orientations are structured to help begin the process of acclimation to the university and develop an understanding of available university resources.

## Academic Policies

Please refer to the Academic Policies and Procedures section to the catalog for additional information on institutional policies.

## GRADUATE STUDIES

Mission: The Graduate Studies Programs at Vanguard University (VU) serve lifelong learners throughout their educational journey. The structure and format of the degree programs makes it possible and manageable for working adults to finish their educational goals without sacrificing their careers and important responsibilities while still accomplishing their educational aspirations.

The following sections apply to all graduate programs.

## Admissions Information

Applications and information about graduate program admission may be obtained from the Graduate and Nursing Admissions Office:

- Phone: (714) 966-5499 main or (877) 669-8872 toll free
- Email: gradadmissions@vanguard.edu
- For deadlines and to apply: http://www.vanguard.edu/admissions/ graduate (http://www.vanguard.edu/admissions/graduate/)

When submitting an application, a non-refundable $\$ 45.00$ application fee is required. Once all supporting information has been received and the application is complete, the full application will be reviewed. Finalists may be invited for an onsite or telephone interview. All applicants are evaluated without regard to race, gender, age, political affiliation, national origin or disabling conditions.

The completed application form, along with all supporting documents, should be submitted to the Graduate and Nursing Admissions Office.

Please contact Graduate and Nursing Studies Admissions directly or refer to the website for specifics regarding application deadlines and acceptance notification for both Fall and Spring admissions.

## Education and Training Benefits for Veterans

For more information on education and training benefits available for military veterans and/or their dependents, please visit the Education and Training Benefits for Veterans page or contact the School Certifying Official (veteranscertifyingofficial@vanguard.edu).

## International Students

See the International Students Admission page for more information; or contact the Designated School Official (isservices@vanguard.edu).

## Academic Policies

## Registration

Registration dates are specified on the calendar at the beginning of this catalog. Students will receive credit only for those courses in which they are formally registered. No registration is complete until tuition and fees have been paid or a satisfactory arrangement has been made with the Office of Accounting Operations. Late fees may be charged to students who do not complete the registration process prior to the published deadlines.

It is important to maintain active status in a degree program. To do this, the student will register for one or more courses or file a "leave of
absence" for each inactive semester. If the student neglects to register or file, he or she will be required to apply for re-admission.

Students may register for courses up to two weeks after the start of a semester with the permission of the Program Director, student's academic advisor and professors. The University reserves the right to refuse late registrations.

Students may not receive credit for concurrent enrollment at any other institution without prior approval by the Program Director. Further, the University reserves the right to cancel any scheduled course that has inadequate enrollment.

## Change of Class Schedule

Students are responsible for the classes selected at registration. Changes may be made online during designated Online Registration time periods, and thereafter only by contacting the department and/or filing of an add/drop form in the Office of the Registrar. There is no automatic dropping of courses resulting from a student's failure to attend class sessions. Students who fail to withdraw officially will automatically be given a grade of "F" (failure) by the professor.

A class dropped during the first two full weeks of a semester is not entered on the transcript; however, one dropped subsequently up to the end of the eighth full week will appear on the transcript with a grade of "W." Classes dropped after the eighth week will receive a grade of "WF" unless the professor, aware of extenuating circumstances beyond the control of the student, is willing to grant a "WP"; however the student must be earning a minimum grade of "C+" in the course to warrant a "WP."

All classes added after the second full week of classes must be approved by the instructor and the Director.

For those courses that are offered on an unusual calendar, withdrawals received in the Office of the Registrar during regular business hours prior to the end of the first eighth of the total number of class hour sessions offered in the course will have no entry made on the transcript; a grade of "W" will be issued for withdrawals received between one eighth and one half of the total number of class hour sessions; withdrawals received in the Office of the Registrar during regular business hours in the final half of the class will receive a grade of "WF" unless the professor, aware of extenuating circumstances beyond the control of the student, is willing to grant a "WP."

For example:
Five to Seven Week Classes

| Classes | Academic Action |
| :--- | :--- |
| Prior to 2nd Class Meeting | Complete drop off record |
| After 2nd Class and Prior to 4th | "W" recorded (Withdrawal) |
| After 4th class meeting | "WF" recorded (Withdrawal Failing) |

Eight to Ten Week Classes

| Classes | Academic Action |
| :--- | :--- |
| Prior to 2nd Class Meeting | Complete drop |
| After 2nd Class and Prior to 5th | "W" recorded (Withdrawal) |
| After 5th class meeting | "WF" recorded (Withdrawal Failing) |

## Credit Hour Policy

See Credit Hour Policy under Academic Policies and Procedures.

## Special Class Enrollment Options

## Conference Courses

Students, who for good reason cannot enroll in a listed catalog course when it is regularly scheduled, can request to take a conference course. To have a conference course approved, a student must

1. receive permission from the instructor offering the course, the appropriate Program Coordinator, the appropriate Department Chair, and the Registrar's office; and
2. pay a fee in addition to the regular tuition.

## Individual Studies Courses

Students may pursue specifically designed courses of individualized study within their disciplines. Such courses are initiated by the student, who must secure an appropriate sponsoring faculty member to supervise and evaluate the student's work. All individual studies courses must have prior approval from the appropriate Program Coordinator, the appropriate Department Chair, and the Registrar's office. All individual studies courses carry an additional fee beyond the regular tuition.

## Pass/Fail Courses

Students may not elect to take courses on a "pass/fail" or "credit/no credit" basis. "Pass" or "Credit" courses will be granted for specific courses designed by each graduate department. Students must have a minimum evaluation of a "B-" to earn the units.

## University Leave of Absence and Withdrawal Policy

See the University's Leave of Absence and Withdrawal Policy section in Academic Policies and Procedures.

## Graduate Program Leave of Absence Policy

All graduate programs have an established time limit within which to graduate. If the time limit is not met, the student will not be able to continue any further study. A leave of absence does not extend the maximum time permitted for the completion of degree requirements, rather it is counted as part of the time. Refer to the policy of the applicable graduate program regarding the allowed time and for other information which may be program specific. Any exceptions will be up to the program and will include but not be limited to a plan of action for degree completion, a detailed time frame, and approval of the program director. Any leave of absence my be filed with the Office of the Registrar.

Any student granted a leave during the add/drop period (as outlined in the University Catalog) for the semester will be dropped from any classes that the student is enrolled in. If the leave is granted after $75 \%$ of the semester the student may, with faculty approval, receive an Incomplete for one or more courses. If an Incomplete is not deemed appropriate, a grade of " $W$ " will be issued. No refund of charges will be made for courses in which an Incomplete is given. No credit is earned for any course in which a " $W$ " is issued. Refunds, if any, will be granted based upon the University's refund policy as found in the University course catalog.

## Military Leave of Absence Policy

Military Leave is available for any student separated from the military or active reservist who, due to documented deployment or drilling, need to leave the University during the semester without completing their
current coursework, or to withdraw from the University for up to two (2) consecutive terms.

In the event of a federally declared emergency, U.S. Military Veterans who are listed as honorably discharged on their DD-214 at time of separation and have been reactivated in to service by the U.S. Government to assist with evacuations, relocation of command centers, security protection detail, etc. in areas designated/declared as Emergency Disaster Areas (e.g. wildfire, earthquakes, flooding, etc.) may be eligible for academic accommodations with appropriate documentation from a federal agency.

Students on active duty or reservist military leave or honorably discharged veterans that have have their service reactivated by the U.S. Government are not regarded as having permanently withdrawn from the institution; need not apply for readmission; and may be eligible for academic accommodations. For more information, contact the School Certifying Official (VASCO@vanguard.edu).

## Grading System

See Grading System Policy for more information.

## Incomplete Grades

It is the responsibility of the student to obtain a "Petition for Incomplete Grade" form from the program office and to contact the course professor(s) as early as possible. Petitions are approved by the professor. The professor is under no obligation to assign an incomplete grade. An incomplete will be considered for a significant, unexpected, abrupt change in life over which the student does not have control. Examples of acceptable grounds for granting an incomplete grade include personal or family illness of more than brief duration, serious personal or family crisis, or an unplanned increase in job responsibilities. Unacceptable grounds include heavy or difficult class load, heavy work schedule, or computer problems.

All incomplete work for full-semester courses ( 16 weeks) is due 6 weeks from the last day of that semester. Incomplete work for accelerated courses (5-8 weeks) is due 30 days from the last day of that module. Failure to complete and submit the required work on time will result in a grade of " $F$ ".

## Grade Change Policy

See Grade Change Policy (p. 47) for more information.

## Grade Appeals

See Grade Appeal Policy and Procedure for more information.

## Course Repeat Policy

See Course Repeat Policy for more information.

## Class Attendance

Regular and punctual class attendance is expected. Failure to attend may result in a lower or failing course grade. See the program sections and course syllabi for more information.

## Academic Disqualification

Students academically disqualified (see program sections for information on student standing) will be dismissed from the program and are precluded from further enrollment. In certain situations (explained in the
letter informing the student of disqualification) students may appeal for re-entry. Appeals begin with the Director of the Program.

## Appeals Procedure

See Academic Policy Exception for more information.

## Application for Intent to Graduate

See Application for Intent to Graduate policy for more information.

## Awarding of Degree

Academic degrees are formally awarded at the end of the Fall, Spring and Summer terms. The degree is posted on the transcript as of the last day of the term in which the graduation requirements are met. Commencement exercises are held annually at the end of the Spring term.

## Release of Student Records

See Release of Student Records policy for more information.

## Learning Outcomes

The following learning outcomes apply to all graduate programs.

## Student Learning Outcomes

1. Integration of Faith and Learning: Students will develop and articulate a Biblical worldview informed by a Pentecostal perspective, integrating faith with learning.
2. Cultural Competency and Citizenship: Students will understand and practice effective local, national and global citizenship and demonstrate appreciation of diverse psychological, social, historical and artistic aspects of culture.
3. Communication: Students will demonstrate effective, graduate-level written and oral communication skills.
4. Critical Thinking: Students will develop and apply qualitative and quantitative critical thinking skills.
5. Holistic Living: Students will appreciate and demonstrate a holistic view of health and living.
6. Information Competency: Students will demonstrate foundational technology skills that allow one to locate and evaluate the integrity of information, and to understand the ethical uses of information.

## Diversity Learning Outcomes

The university expects its students to excel in four diversity learning outcomes:

- Knowledge: Demonstrates knowledge of multiple cultural perspectives and global experiences by articulating the value of diversity through reports, presentations, examinations, field-work, and discipline-appropriate projects.
- Self-Examination: Examines one's own attitudes, values, and assumptions and examines their impact. Evaluates one's own attitudes, assumptions, and behavior towards diversity concerns and issues by recognizing, examining, and challenging underlying assumptions and prejudices through coursework such as selfreflective essays, reading responses, and journal entries, with the recognition that such work is a life-long endeavor.
- Personal Engagement: Engages others with civility, empathy, honesty and responsibility with awareness of equity issues such as power dynamics and social privilege in these interactions. Demonstrates respectful and appropriate behavior when interacting with people of different genders, generation, ethnicity, race, national origin, socioeconomic status, and ability by developing sensitivity to equity issues (such as power dynamics and social privilege) through field experience, research, and analytical reading and writing.
- Social Engagement: Challenges past, present and future discrimination and privilege of individuals, societies, groups and institutions. Identifies and begins to seek out transformative and redemptive opportunities in the church, in society, and in the evolving realities of global change through academic, co-curricular, internship, and vocational opportunities.


## Programs

Vanguard University offers the following graduate programs of study:

## Division of Arts, Education and Humanities

- Master of Arts in Education (p. 138)
- Concentration in Curriculum and Instruction (Preliminary Credential)
- Concentration in Christian Education Leadership with a Preliminary Credential
- Concentration in Christian Education Leadership
- Concentration in Teacher Leadership
- California Preliminary Credential Program (p. 136)
- Teacher Advancement Program (p. 140) (Professional Development)


## Division of Natural, Physical, and Health Sciences

- Master of Science in Nursing (p. 246)
- Post-Master's Clinical Nurse Specialist Certificate (p. 248)
- Post-Master's Nurse Practitioner's Certificate (p. 248)
- Master of Science in Biotechnology (p. 253)


## Division of Social and Behavioral Sciences

- Master of Arts in Organizational Psychology (p. 300)
- Master of Science in Clinical Psychology (p. 290)
- Master of Science in Industrial and Organizational Psychology (p. 299)
- Graduate Certificate in Intercultural and Inclusive Leadership (p. 298) ${ }^{1}$
- Graduate Certificate in Talent and Development and Organizational Analysis (p. 298) ${ }^{1}$


## Division of Theology

- Master of Arts in Leadership Studies (p. 338)
- Concentration in Christian Spirituality
- Concentration in Hispanic Leadership
- Concentration in Women and Justice
- Master of Arts in Theology (p. 345)

1
Contact the graduate program in Organizational Psychology for information on how graduate certificate is embedded in to degree program.

## VANGUARD BOARD OF TRUSTEES

Officers of the Board of Trustees
Doug Green, Chair ${ }^{1}$
Cindee Heath, Vice-Chair ${ }^{1}$
Phil Robinette, Secretary ${ }^{1}$

## Members of the Board of Trustees

Michael J. Beals (ex-officio) ${ }^{1}$
Daniel de Leon, Jr.
Erin Donovan
Nathan Gonzales ${ }^{1}$
Rich Guerra ${ }^{1}$ (ex officio)
Byron Klaus
Bonnie Livingston ${ }^{1}$
Jeff Motske ${ }^{1}$ (ex-officio)
Michelle Norman
David Oddo
Dale Oquist ${ }^{1}$
Donn Rediger ${ }^{2}$
Russell P. Spittler ${ }^{2}$
Melinda Sweany
Steve Vinson
1
Executive Committee Members
2
Trustee Emeritus

## ADMINISTRATION AND FACULTY

## University Administrators

Dr. Michael J. Beals, President
Dr. Ryan T. Hartwig, Provost and Senior Vice President for Academic Affairs Justin McIntee, Vice President for University Advancement Kim Johnson, Vice President for Enrollment Management Jeremy Moser, Vice President for Finance and Chief Financial Officer Dr. Tim Young, Vice President for Student Affairs and Campus Operations

## Academic Administration (Deans/Associate Provost)

Dr. Renae Brathwaite, Dean of Professional Studies
Julie Cowen, Dean of Academic Records/Registrar
Dr. Bonni Stachowiak, Dean of Teaching and Learning
Dr. Michael D. Wilson, Associate Provost and Dean of the College

## Resident Faculty

## A

Julius Agbor
Undergraduate Business
2016
PHD, University of Cape Town

## Katherine Allah

Graduate Clinical Psychology
2022
MS, Vanguard University of Southern California

## Maribel Arias

Biology
2021
Gregory Austring
Undergraduate Theology
2000
PHD, Biola University

## Diana Avans

Kinesiology
2004
PHD, University of Minnesota Minneapolis

## B

Susan Berkompas
Theatre
1998
MFA, California State University Long Beach
Enid Bozic
Communication
2022
MA, Concordia University - Oregon

## Maria Burton

Undergraduate Psychology
2022
PSYD, Alliant International University

## C

Itzel Calleja-Macias
Biology
2015
PHD, Universidad Autonoma de Nuevo Leon

## Annette Callis

Graduate Nursing
2015
PHD, University of California San Diego
Thomas Carmody
Communication
1989
PHD, Regent University
Tommy Casarez
Undergraduate Theology
2017
PHD, Princeton Theological Seminary
Seon Chun-Burbank
Early Childhood
2015
EDD, University of Northern Iowa
Edward Clarke
Sociology
2000
PHD, University of Southern California
Logan Collier
Biology
2021
Julia Cowen
Registrar
2015
MA, Fuller Theological Seminary
Steven Cuffari
Undergraduate Psychology
2012
MA, Azusa Pacific University

## D

Stephanie D'Auria Brooker
Sociology
2010
PHD, University of California Riverside
James Darlack
Library
2021
Willem Dogterom

| Theology |  |
| :---: | :---: |
| 1999 |  |
| DMIN, Fuller Theological Seminary | Michael Hanna |
|  | Undergraduate Psychology |
| Warren Doody | 2013 |
| English | PHD, University of California, Irvine |
| 1999 |  |
| MFA, Chapman University | Michelle Hannemann |
|  | Graduate Clinical Psychology |
| Noreen Dulin | 2019 |
| Undergraduate Psychology | PSYD, Azusa Pacific University |
| 2002 |  |
| PHD, University of California Riverside | Lia Hansen |
|  | Theatre |
| E | 2002 |
|  | MFA, San Diego State University |
| Alison English |  |
| Communication | Laurie Hatch |
| 1994 | English |
| PHD, Regent University | 2011 |
|  | PHD, Claremont Graduate University |
| Rodolfo Estrada |  |
| Undergraduate Theology | Roger Heuser |
| 2022 | Graduate Theology |
| PHD, Regent University | 1983 |
|  | PHD, New York University |
| F |  |
| Patricia Fisher | Undergraduate Business |
| Undergraduate PS Business | 2022 |
| 2004 |  |
| MBA, Northwestern University | Jeffrey Hittenberger |
|  | Graduate Education |
| Kenneth Foerch | 2021 |
| Music | PHD, University of Southern California |
| 2004 |  |
| DMA, University of Southern California | Mitchell Hopkins |
|  | Biology |
| G | 2018 |
| James Gappy DC, Southern California University of Health Science |  |
| Natural Science | Karen Hummel |
| 2022 | Undergraduate Psychology |
| MA, Wayne State University, Detroit | 2001 |
| Brenda Gesell PhD, California School of Professional Psychology |  |
| Graduate Clinical Psychology | Paul Hwang |
| 2003 | Kinesiology |
| MS, Vanguard University of Southern California | 2019 |
| Magali Gil PHD, Baylor University |  |
| Graduate Education | Amini Hwang |
| 1995 | Biology |
| PHD, University of California, Irvine | 2021 |
| Marc Groenbech-Dam J |  |
| Undergraduate Theology |  |
| 2022 | Alicia Jackson |
| PHD, University of Aberdeen, Scotland | Undergraduate Theology |
|  | PHD, University of Birmingham, England |

## Jennifer Jagerson

Graduate Education
2017
PHD, Biola University
Michael Jimenez
Sociology
2021
PHD, Fuller Theological Seminary
Bjorn Jonsson
Undergraduate Business
2017
MBA, Pepperdine University

## K

Sylvia Kane
Graduate Education
2010
EDD, Azusa Pacific University
Eunice Kang
History \& Political Science
2022
PHD, University of Southern California

## Naomi Kasa

Communication
2012
MA, Regent University
Jade Kay
Undergraduate Nursing
2019
PHD, University of Texas, Galveston
L
Ona La Motte
English
2022
MA, Oklahoma State University - Ok
Kristen Lashua
History \& Political Science
2015
PHD, University of Virginia

## Keisha Lee

Graduate Education
2018
EDD, Pepperdine University
Alex Lin
Liberal Studies
2016
PHD, University of California, Irvine
Edward Lorance
Chemistry
2002

PHD, University of Arizona

## M

## Frank Macchia

Graduate Theology
1999
THD, University of Basel, Switzerland

## Cecil Miller

Biology
1994
PHD, Loma Linda University

## Aaron Mood

Chemistry
2019
PHD, University of California, Irvine

## Kerry Moore

Undergraduate Psychology
2015
MSW, University of California Los Angeles
Jonathan Moore
Cinema \& Digital Media
2007
MFA, University of California Los Angeles

## Sandra Morgan

Undergraduate Theology
2010
PHD, Biola University

## N

Sarah Nguyen
Mathematics
2022
MA, California State University Fullerton
Elena Nipper
Library
1998
MLIS, San Jose State University

0
Bridget O'Callaghan-Hay
Chemistry - Physics
2016
PHD, California Institute of Technology
Roxanna Ochoa Hernandez
Biology
2015
PHD, University of California, Irvine

P

Richard Park
Undergraduate Theology

| 2019 | Graduate Education |
| :---: | :---: |
| DPHIL, University of Oxford | 2022 |
|  | MA, Pepperdine University |
| Indy Park |  |
| Natural Science | Derrick Rosenior |
| 2022 | Communication |
|  | 2005 |
| Hien Park | PHD, Howard University |
| Sociology |  |
| 2012 | S |
| PHD, University of California, Irvine |  |
|  | Robert Salatto |
| Doug Petersen | Kinesiology |
| Graduate Theology | 2021 |
| 1997 | PHD, University of Las Vegas, Nv |
| PHD, Oxford Centre for Mission Studies |  |
|  | Lisa Samaan |
| Elizabeth Powell | Graduate Clinical Psychology |
| Undergraduate Psychology | 2020 |
| 2012 | MS, Vanguard University of Southern California |
| PSYD, Azusa Pacific University |  |
|  | Brittnei Schaeffler |
| Joni Prado | School of Arts\&Sciences Admin |
| Music | 2020 |
| 2002 | MS, Edinburgh Napier University |
| DMA, University of Southern California |  |
|  | Geoffrey Schroder |
| Lioudmila Praslova | Undergraduate Nursing |
| Graduate Org Psychology | 2021 |
| 2006 | EDD, University of Phoenix |
| PHD, University of Akron |  |
|  | Thomas Shirey |
| Q | Undergraduate Psychology |
| Kevin Qualls | 2020 MA, Vanguard University of Southern California |
| Undergraduate Psychology |  |
| 2022 | Tara Sirvent |
| MA, Assemblies of God Theological Seminary | Biology |
|  | 2006 |
| R | PHD, Cornell University |
| Susanne Reid | Lizette Solorzano |
| Music | Sociology |
| 2004 | 2022 |
| DMA, University of Oklahoma 2022 |  |
|  | Rebecca Spady |
| Robert Reno | Graduate Education |
| Music | 2015 |
| 2016 | MA, Vanguard University of Southern California |
| DM, Indiana University, Bloomington |  |
|  | Bonni Stachowiak |
| Lowell Renold | Undergraduate Business |
| Undergraduate Psychology | 2005 |
| 2006 | EDD, Pepperdine University |
| PHD, University of Southern California |  |
|  | Andrew Stenhouse |
| John Mark Robeck | Graduate Clinical Psychology |
| Undergraduate Theology | 2016 |
| 2017 | EDD, Pepperdine University |
| PHD, Claremont Graduate University |  |

## Renee Rose

 UNIVERSITY
## T

Katherine Tong
Undergraduate Nursing
2018
PHD, University of San Diego
Gary Tyra
Theology
2002
DMIN, Fuller Theological Seminary

## V

Isaac Voss
Sociology
2015
PHD, Fuller Theological Seminary

## W

April Westbrook
Undergraduate Theology
2001
PHD, Claremont Graduate University

## Amanda White

## English

2022
MA, California State Polytechnic University Pomona

## Michael Wilson

History \& Political Science
1998
PHD, University of California Los Angeles

## Julia Wilson

Undergraduate PS Nursing
2008
DNP, California State University Fullerton

## Benjamin Wood

Graduate Org Psychology
2022
PHD, Hofstra University

## James Woodrow

Undergraduate Business
2003
EDD, Vanderbilt University

## Christopher Woods

Chemistry
2020
PHD, University of California, Irvine

## Jessica Woolworth

Undergraduate Business
2020
BA, Vanguard University of Southern California

## Z

Terry Zeigler
Kinesiology
1988
EDD, Nova Southeastern University

## Faculty Emeriti

Arnold, Dixie L., Ed.D. Professor Emerita of Liberal Studies 2004-2015.
Bell, Mark, M.A. Professor Emeritus of Fine Arts 1962-1982. ${ }^{1}$
Budge, O.Cope, S.T.M. Ed.D. Professor Emeritus of Religion 1958-1977. ${ }^{1}$
Bushnell, Willyla, M.A. Professor Emerita of Religion 1950-1974. ${ }^{1}$
Camery-Hoggartt, Jerry, Ph.D. Professor Emeritus of New Testament 1985-2015.

Carlson, Waymann C., Ed.D. Professor Emeritus of Education 1958-1995. ${ }^{1}$
Clark, David G., Ph.D. Professor Emeritus of New Testament 1974-2008.
Degelman, Claudia, M.A. Associate Professor Emerita of Psychology 1999-2017.

Degelman, Doug, Ph.D. Professor Emeritus of Psychology 1986-2019.
Elliott, Edwin L., M.Mus. Professor Emeritus of Music 1960-1998. ${ }^{1}$
Ewing, H. Keith, M.A. Professor Emeritus of Humanities and Artist in Residence 1971-2003.

Felt, Shirley Rader, Ph.D. Professor Emerita of English 1967-1999.
Gil, Vince, Ph.D. Professor Emeritus of Anthropology 1975-2019
Greve, Fred, Ed.D. Professor Emeritus of Psychology 1975-1984. ${ }^{1}$
Hackett, James, M.S. Professor Emeritus of Business 1974-1986 ${ }^{1}$
Heidebrecht, Nancy, Ph.D. Professor Emerita of Old Testament 1984-2000.
Hoy, Albert, Ph.D. Professor Emeritus of English 1952-1971. ${ }^{1}$
Israel, Richard D., Ph.D. Professor Emeritus of Old Testament 2008-2018.
Kanaga, Lynn, M.S. Professor Emeritus of English 1969-1993. ${ }^{1}$
Lackey, John, Ed.D. Professor Emeritus of Education 1967-1993.
Leonard, Elizabeth, Ph.D., Professor Emerita of Sociology 1997-2011. ${ }^{1}$
Leverett, John, D.M.A. Professor Emeritus of Music 1967-71, 1981-2004
Lorance, E. Donald, Ph.D. Professor Emeritus of Chemistry 1969-2007.
McHargue, Lawrence, Ph.D. Professor Emeritus of Biology and Ecology 1969-2005.

McNutt, Dennis M., Ph.D. Professor Emeritus of History and Political Science 1966-2002.

Pike, Morris R., Ph.D. Professor Emeritus of Theatre 1980-1998.

Robinette, Phillip D., Ph.D. Professor Emeritus of Sociology 1983-2009.
Rouse, Barbara, M.S. Assistant Professor Emerita of Learning Skills and Assistant Professor of Humanities 1988-2013.

Ruppert, Sandra, Ph.D. Professor Emerita of Education 1997-2008.
Scott, John B., Ph.D. Professor Emeritus of Sociology 1945-1977. ${ }^{1}$
Ternes, Jerry, Ed.D. Professor Emeritus of Education 2001-2017.
Tracy, Kenneth L., M.A. Librarian Emeritus 1972-1994. ${ }^{1}$
Westbrook, Edwin R., J.D. Professor Emeritus of Business and Management 1986-2018.

White, Jerre, Psy.D. Professor Emerita of Clinical Psychology 1998-2019.
White, Raymond E., Ph.D. Professor Emeritus of Education 1997-2008. ${ }^{1}$
Williams, William C., Ph.D. Professor Emeritus of Religion 1968-2009
Wilson, Lewis F., Ph.D. Professor Emeritus of History and Political Science 1967-1995.

Wilson, Mary, M.L.S. Librarian Emerita 1989-2013. ${ }^{1}$
Wilson, Noel, M.A. Professor Emeritus of Music 1975-1997.
Wright, Ronald, B.D. Professor Emeritus of Religion 1975-1999. ${ }^{1}$
Young, Roy, M.S. Professor Emeritus of Mathematics and Physics 1995-2009.

1

Faculty Emeriti member is now deceased

## PROGRAMS OFFERED

## A

- Accounting B.A. (p. 148)
- Actuarial Science B.S. (p. 223)
- Anti-Human Trafficking Certificate (p. 314)


## B

- Biochemistry B.S. (p. 198)
- Biology B.S. (p. 184)
- Biology B.S. with a Concentration in Biomedical (p. 186)
- Biology B.S. with a Concentration in Biotechnology (teach-out) (p. 187)
- Biology B.S. with a Concentration in Neurobiology (p. 188)
- Biology B.S. with an Education Minor (VISTA) (p. 190)
- Biology Minor (p. 192)
- Biotechnology B.S. (https://catalog.vanguard.edu/stem/ undergraduate/biological-sciences/biotechnology/)
- Biotechnology B.S./M.S. (4+1) (p. 251)
- Biotechnology M.S. (2Yr) (p. 253)
- Business Administration B.A. (p. 150)
- Business Administration B.A. (p. 171)
- Business Concentration Options (All Majors) (p. 151)
- Business Concentration Options (All Majors) (p. 173)
- Business Minor (p. 152)
- Business Minor (p. 174)


## C

- California Preliminary Credential Program (p. 136)
- Chemistry B.S. (p. 200)
- Chemistry B.S. with an Education Minor (VISTA) (p. 201)
- Chemistry Minor (p. 203)
- Clinical Psychology M.S. (p. 290)
- Communication B.A. with a Concentration in Communication Studies (p. 160)
- Communication B.A. with a Concentration in Film and Visual Storytelling (p. 161)
- Communication B.A. with a Concentration in Health Communication (p. 163)
- Communication B.A. with a Concentration in Public Relations (p. 164)
- Communication B.A. with a Concentration in Technology and Emerging Media (p. 166)
- Communication Minor (p. 167)
- Computer Science B.S. (p. 224)
- Criminology and Criminal Justice Minor (p. 275)


## D

- Data Science B.S. (p. 226)


## E

- Early Childhood B.A. (p. 124)
- Early Childhood B.A. with a Concentration in Special Education (p. 126)
- Early Childhood B.A. with a Concentration in STEM/STEAM (p. 127)
- Early Childhood Certificate (p. 127)
- Early Childhood Education Minor (p. 127)
- Education M.A. (p. 138)
- Elementary Education Minor (p. 87)
- Engineering Physics B.S. (p. 227)
- English B.A with Integrated Teacher Education Program (ITEP) (p. 78)
- English B.A. (p. 79)
- English Minor (p. 81)
- English Minor in Journalism and Digital Media (p. 81)
- English Subject Matter Preparation (Teaching Credential) (p. 82)
- Environmental Sciences B.S. (p. 203)


## G

- Graduate Certificate in Intercultural and Inclusive Leadership (p. 298)
- Graduate Certificate in Organizational Consulting (p. 298)
- Graduate Certificate in Talent Development and Organizational Analysis (p. 298)


## H

- History and Political Science B.A. (p. 262)
- History and Political Science ITEP B.A. (p. 260)
- History and Political Science Minor (p. 263)
- Human Development Minor (p. 281)
- Industrial-Organizational Psychology M.S. (p. 299)

K

- Kinesiology B.S. with a Concentration in Health and Human Performance (p. 210)
- Kinesiology B.S. with a Concentration in Pre-Health Professions (p. 211)
- Kinesiology Minor (p. 213)

L

- Leadership Studies M.A. (p. 337)
- Liberal Studies B.A. (p. 87)
- Liberal Studies B.A. Integrated Teacher Education Program (ITEP) (p. 89)
- Liberal Studies Minor (p. 128)


## M

- Management B.A. (p. 174)
- Marketing B.A. (p. 152)
- Mathematics B.S. (p. 228) UNIVERSITY
- Mathematics B.S. with an Education Minor (VISTA) (p. 230)
- Mathematics Minor (p. 231)
- Mathematics Teaching Credential (p. 232)
- Music B.A. (p. 99)
- Music B.A. with a Concentration in Worship Leadership (p. 100)
- Music B.M. (Pre-Teacher Certificate) (p. 102)
- Music Minor (p. 105)

N

- Nursing B.S.N. (Pre-Licensure) (p. 235)
- Nursing B.S.N. (RN to BSN) (p. 240)
- Nursing M.S.N. (p. 246)
- Nursing R.N to M.S.N. (p. 247)


## 0

- Organizational Psychology M.A. (p. 300)


## P

- Post-Master's Clinical Nurse Specialist Certificate (p. 248)
- Post-Master's Psych/Mental Health Nurse Practitioner (PMHNP) (p. 248)
- Pre-Law Studies Minor (p. 263)
- Psychology B.A. (p. 268)
- Psychology B.A. (p. 281)
- Psychology Minor (p. 270)
- Public Health Minor (p. 276)
- Public Policy Minor (p. 264)
- Public Relations Minor (p. 167)


## S

- Social Work Minor (p. 276)
- Sociology B.A. (p. 277)
- Sociology Minor (p. 278)


## T

- Theatre Arts B.A. with a Concentration in Musical Theatre (p. 111)
- Theatre Arts B.A. with a Concentration in Stage and Screen Acting/ Directing (p. 114)
- Theatre Arts B.A. with a Concentration in Technical/Design (p. 116)
- Theatre Arts Minor (p. 118)
- Theology B.A. with a Concentration in Biblical Studies (p. 316)
- Theology B.A. with a Concentration in Christian Formation and Discipleship Studies (p. 317)
- Theology B.A. with a Concentration in General Christian Studies (p. 318)
- Theology B.A. with a Concentration in Intercultural Studies (p. 320)
- Theology B.A. with a Concentration in Ministry and Leadership (p. 326)
- Theology B.A. with a Concentration in Pastoral Leadership Studies (p. 321)
- Theology B.A. with a Concentration in Youth Leadership (p. 323)
- Theology M.A. (p. 345)
- Theology Minor (p. 324)
- Transitional Kindergarten Certificate (p. 128)


## W

- Women and Justice Minor (https://catalog.vanguard.edu/theo/ undergraduate/women-justice-minor/)


## COURSES A-Z

## A

- Accounting (ACCT) (p. 363)
- Anthropology (ANTH) (p. 364)
- Art (ART) (p. 365)


## B

- Biblical Interpretation (BINT) (p. 365)
- Biblical Languages (BLAN) (p. 365)
- Biology (BIOL) (p. 366)
- Biotechnology (BIOT) (p. 372)
- Business (BUSN) (p. 373)
- Business: InfoSys - SPS (BUIS) (p. 375)


## C

- Chemistry (CHEM) (p. 375)
- Christian Formation Studies (CFST) (p. 379)
- Church History (CHIS) (p. 379)
- Church Leadership Graduate (CLSG) (p. 380)
- Communication (COMM) (p. 382)
- Core Curriculum (CORE) (p. 387)


## E

- Early Childhood Education (ECED) (p. 388)
- Education Grad (EDUG) (p. 392)
- English (ENGL) (p. 395)
- Environmental Sciences (ENVR) (p. 398)


## F

- Finance (FINC) (p. 399)
- Fine Arts (FINA) (p. 400)


## H

- History (HIST) (p. 400)
- Humanities (HUMA) (p. 402)

I

- Intercultural Studies (ICST) (p. 403)


## K

- Kinesiology (KINE) (p. 404)

L

- Liberal Studies (EDUC) (p. 408)


## M

- Management (MNGT) (p. 412)
- Marketing (MRKT) (p. 414)
- Mathematics (MATH) (p. 415)
- Ministry \& Leadership - SPS (MILD) (p. 417)
- Music (MUSC) (p. 418)
- Music Instruction (MUSI) (p. 423)
- Music Jazz (MUJZ) (p. 426)
- Music Performance (MUPF) (p. 426)


## N

- New Testament (NT) (p. 426)
- New Testament - Graduate (NTG) (p. 427)
- Nursing (NURS) (p. 430)
- Nursing - PreLicensure (NRS) (p. 428)

0

- Old Testament (OT) (p. 434)
- Old Testament-Graduate (OTG) (p. 435)


## P

- Pastoral Leadership Studies (PLST) (p. 436)
- Philosophy (PHIL) (p. 437)
- Physical Science (PSCI) (p. 438)
- Political Science (POLS) (p. 439)
- Psychology (PSYC) (p. 441)
- Psychology-Clinical-Graduate (PSYG) (p. 445)
- Psychology-Organizational-Grad (PSOG) (p. 447)
- Psychology-SPS (PSYD) (p. 449)


## R

- Religion Thesis-Graduate (RELG) (p. 450)

S

- Sociology (SOC) (p. 451)

T

- Theatre Arts (THEA) (p. 455)
- Theology (THEO) (p. 460)
- Theology-Graduate (THOG) (p. 461)


## W

- Women and Justice Studies (WJST) (p. 462)


## Y

- Youth Leadership (YLST) (p. 465)


## Accounting (ACCT)

ACCT-P275 Financial Accounting 3 Credits

Involves the analysis, recording, and summarizing of accounting transactions on the accrual basis. Includes emphasis on accounting as an information system meeting the demands of users for decisionmaking. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## ACCT-P282 Managerial Accounting 3 Credits

An overview of the financial tools available to the manager in decision making. Includes a study of income statements, balance sheets, cash flow projections, budgets, changes in financial position, and ratio analysis. Emphasis is on reading and understanding accounting documents rather than on their preparation. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## ACCT-P470 Special Topic: 1-3 Credits

Study of a special topic in one of the fields of accounting. May be repeated for credit provided topics are dissimilar.

## ACCT-225 Principles of Financial Accounting 3 Credits

This course develops students' understanding and application of financial accounting concepts, the accounting cycle processes and documents, and United States accounting and external financial reporting standards. The course emphasizes understanding the financial statements: balance sheet, income statement, statement of retained earnings, and statement of cash flows. The course prepares students for financial analysis; ethical decision making, understanding fraud in the workplace and internal control.
Prerequisite: MATH-116, MATH-116C, or MATH-170C
Terms Typically Offered: Fall and Spring.

## ACCT-226 Principles of Managerial Accounting 3 Credits

This course is an introduction to managerial decision-making based on common accounting and financial models and analysis. The course topics include management's responsibility to stakeholders, how costs behave, cost-volume-profit analysis, activity-based costing, budgeting, standard costing, performance measurements, and financial analysis. Prerequisite: Take ACCT-225;
Terms Typically Offered: Fall and Spring.

## ACCT-320 Accounting Information Systems 3 Credits

This course introduces students to organization and implementation of information technology and the study of computer-based systems for the collection, organization, and presentation of accounting information.
Prerequisite: Take ACCT-226;
Terms Typically Offered: Fall.

## ACCT-321 Accounting and Finance for Decision Making 3 Credits

 This course is on teach out. Please take ACCT-226. This course examines managerial decision-making based on common accounting and financial models and analysis. The course topics include management's responsibility to stakeholders, how costs behave, cost-volumeprofit analysis, activity based costing, budgeting, standard costing, performance measurements, and financial analysis. The course continues to develop students' understanding of annual reports and financial statement analysis within the entity's industry.Prerequisite: ACCT-225
Terms Typically Offered: Fall and Spring.

## ACCT-324 Intermediate Accounting I 3 Credits

Studies accounting and reporting of complex business operating activities and financing activities according to generally accepted accounting principles in the United States. Compares United States accounting standards to international accounting standards. Topics include revenue recognition, inventory valuation, and debt and equity financing.
Prerequisite: ACCT-225
Terms Typically Offered: Fall.

## ACCT-325 Intermediate Accounting II 3 Credits

Continues to study accounting and reporting of complex business activities and transactions. The focus is on the investing activities of business and financial reporting. Topics include investments, leases, earnings per share, and analysis of financial statements. The content includes the study of accounting and reporting standards in the United States with comparisons to international accounting standards.
Prerequisite: ACCT-325 with a "C" or better.
Terms Typically Offered: Spring.

## ACCT-332 Cost Accounting 3 Credits

Pre-requisite: ACCT 226. Accounting information for management; cost records; cost behavior and allocation; product costing and inventory valuation; flexible budgeting; standard costs; responsibility accounting; cost planning and control; and analytical procedures
Prerequisite: Take ACCT-226;
Terms Typically Offered: Fall.

## ACCT-427 Auditing 3 Credits

Studies how to conduct external audits or become internal financial managers of organizations that are audited. United States auditing standards are studied and compared to international standards. Course topics include generally accepted auditing standards, fraudulent financial reporting and audit failure, effective internal control procedures, and the influence of the Securities and Exchange Commission on oversight of the accounting profession.
Prerequisite: ACCT-325
Terms Typically Offered: Spring.

## ACCT-428 Advanced Accounting 3 Credits

The course covers complex accounting and reporting for corporate and non-corporate entities, for profit and not-for-profit entities. It compares and contrasts accounting and financial reporting for partnerships, forprofit complex corporate entities, state and local governments, health and welfare organizations, and government and non-government universities. Prerequisite: ACCT-325 with a "C" or better.
Terms Typically Offered: Fall.

## ACCT-440 Federal Taxation-Individual 3 Credits

The course covers federal income taxation as it applies to individuals. This is an introduction to the federal tax model and how to apply it to the components of taxable income, tax credits, and types of taxes.
Prerequisite: ACCT-325
Terms Typically Offered: Fall.

## ACCT-442 Federal Taxation-Corporate 3 Credits

The subject matter of this course is federal income taxation as it applies to partnerships, fiduciaries and corporations. It builds on the federal tax model presented in ACCT-440, emphasizing concepts about issues specific to corporations.
Prerequisite: ACCT-440 with a "C" or better.
Terms Typically Offered: Spring.

## ACCT-490 Seminar. 1-3 Credits

Mutual investigation of one topic in accounting of particular relevance to upper division majors. May be repeated for credit provided topics are dissimilar.
Terms Typically Offered: On Demand.

## Anthropology (ANTH)

## ANTH-102C Intro to Cultural Anthropology 3 Credits

The study of culture emphasizing culture's origins and processes. Concepts and theories about culture that apply to life in both developing and developed societies with the aim of solving human problems.

## ANTH-317 Modern China 3 Credits

A study of the political and social history of China from the midnineteenth century, when European aggression forced China on a path to modernization, to the present. (per 2020 Academic Catalog, this course is no longer cross listed with HIST-317).

## ANTH-320 Social \& Cultural Change 3 Credits

This course is cross listed with SOC-320. The study of change, its processes and consequences in non-Western and contemporary societies. Special emphasis will be given to cross-cultural change involving migrants, minorities, religious contacts, as well as change at the personal level.
Prerequisite: ANTH-102C PSYC-103C or SOC-100C

## ANTH-334 Gender/Culture/Society 3 Credits

This course is cross listed with SOC-343. Gender as a social construction with powerful consequences is explored in this course along with those cultural values and ideologies which perpetuate the discourse of differences. Contemporary studies of gender cross-culturally will enable an appreciation of the broad diversity in the application of gender constructs and their resultant cultural effects.
Prerequisite: ANTH-102C PSYC-103C or SOC-100C

## ANTH-339 Area Studies in Anthropology 3 Credits

This course is cross listed with HIST-339. Area Studies is an intensive examination of specific regions of the world. Each course gives a brief survey of the region with attention to cultural history, ethnicity, family structure, political organization, technology, social structure, ethnopsychology, economics and ideologies present within the region. Issues of cultural difference and commonality, regional minority subcultural groups, and the role that this region plays within "global" culture are also addressed. (This course may be repeated for credit.) Areas of study in the rotation may include: Latin America, Pacific Rim, Japan, Middle East, Oceania, East Asia, South East Asia, China, Korea, Northern Africa, Sub-Sahara Africa, Eastern Europe, Western Europe, North America, and North America Diaspora.
Terms Typically Offered: Spring.

## ANTH-343 Class,Race,Ethnicity \& Gender 3 Credits

This course focuses on the distribution of power and resources across racial and ethnic/cultural groups, class structure, and gender. Phenomenological, institutional, and structural aspects of prejudice and discrimination are examined using the matrix of domination (the intersection of attributes related to class, race, ethnicity and gender) to explore the life experiences of individuals.
Prerequisite: ANTH-102C; PSYC-103C; or SOC-100C

## ANTH-346 Human Sexuality 3 Credits

This course is cross listed with SOC-346 and PSYC-346. Human Sexuality provides an overview of human sexual anatomy, gender identify, sexual orientation and expression, and the ways that contexts affect sexual meanings. Must have junior or senior class standing.
Prerequisite: ANTH-102C, PSYC-103C or SOC-100C; must have Junior orSenior standing.
Terms Typically Offered: Fall and Spring.

## ANTH-371 Urban Studies 3 Credits

This course is cross listed with SOC-371. A study of urban life with emphasis on its organization, unique functions, and problems.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C

## ANTH-375 Social Issues of Health and Wellness 3 Credits

This course is cross listed with SOC-375. Explores the social forces that shape the health and illness of populations, the changing social definitions of wellness and social expectations. This course examines the role of society and culture in wellness-related decision making and health-care delivery systems.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
ANTH-442 Globalization \& Development 3 Credits
This course is cross listed with SOC-442. Course considers anthropological approaches to the analysis of economic development and change, with special attention given to contemporary development concerns as perceived at the local level. The organization of large- and small-scale development organizations, including non-government organizations, in non-Western settings will also be examined. Class is also designed to meet the needs of students interested in participating in both overseas and domestic community/organizations/economic development.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C

## ANTH-450 Anthropology Teaching Internship 1-3 Credits

Students may be a teaching intern for classes they have previously taken. Regular hours each week for classes and/or meetings are established at the beginning of the semester. The intern will assist the instructor in course-related activities. May be repeated for a maximum of six units. 0 or above and the permission of the instructor.

## ANTH-453 Language,Culture/Linguistics 3 Credits

This course is cross listed with ENGL-453. This course surveys the acquisition and use of language within a cultural context. It examines the relationship of language to culture, language acquisition, and language analysis or linguistics, emphasizing the utility of such knowledge for educators. Stress is given to understanding language's reciprocal relation with culture, the nature of language systems, and linguistic analysis to enable educators a better comprehension of second language acquisition within learning environments.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: Spring.

## ANTH-455 Research Assistantship 1-4 Credits

The undergraduate research assistantship engages students in original research projects of the faculty or student's own design. Its aim is to apply those skills learned in prior research design and methodology coursework and/or expand on these as appropriate to the student's skill set. A research agenda will be developed with each student, which then becomes the guide for the class. May be repeated for credit.

ANTH-470 Special Topic in Anthropology 1-3 Credits
Study of a special topic in one of the fields of anthropology. May be repeated for credit.

## Art (ART)

ART-252 History \& Appreciation of Art 3 Credits
A survey of painting, sculpture, and architecture beginning with the Renaissance and concluding with Modern Art. Illustrated lectures, reading, and study of current exhibitions. Field trip fees may apply. (meets Humanities/Fine Arts requirement). (School for Professional Studies Course).
Terms Typically Offered: Spring.

## ART-252C Hist/Appreciation of Art 3 Credits

A survey of painting, sculpture, and architecture beginning with the Renaissance and concluding with Modern Art. Illustrated lectures, reading, and study of current exhibitions. Field trip fee.

## ART-256 Drawing and Rendering 2 Credits

Students will learn the basic artistic techniques involved in sketching, drawing and rendering. Training will include use of varied media, perspective and architectural rendering, as well as human anatomy.

## ART-275 Drawing \& Painting 3 Credits

Study, evaluation, and creative use of concepts and materials of drawing and painting. Emphasis on problems in using line, color, mass, value, and texture. Lab fee.

## ART-290 Art Practice 1 Credit

Practical workshops are primarily laboratory yet include illustration, demonstration, and lecture to support the techniques being applied by the student. The offerings are unique to the professor and may include drawing (with various media), watercolor, oil, and/or acrylic painting. Permission of the instructor required. May be repeated for credit to a limit of eight units.

## ART-291 Special Topic in Art 1 Credit

Focus upon an artist, genre, technique, or artistic movement.
ART-292 Special Topic in Art 2 Credits
Focus upon an artist, genre, technique, or artistic movement.
ART-293 Special Topic in Art 3 Credits
Focus upon an artist, genre, technique, or artistic movement.

## ART-325 Techniques of Art 3 Credits

ART-330 Art Techniques for Teachers 3 Credits
Art experiences for all grades. Understanding and creative use of materials, tools, ideas, and their sources as they apply to elementary education. Approximately one hour of lecture followed by two hours of laboratory projects. Lab fee.
ART-470 Special Topic: 3-6 Credits
ART-480 Individual Studies: 1-3 Credits
ART-490 Seminar: 1-3 Credits

## Biblical Interpretation (BINT)

## BINT-270 Resrch Meth/Study of Scripture 3 Credits

An introductory examination of biblical exposition for ministry which includes an understanding of the theological foundations for preaching, an acquaintance with the basic secondary materials used in biblical interpretation, and an overview of the procedures of biblical exegesis. Core requirement for the religion major offered every semester.
Prerequisite: BLAN-101, NT-101C
Terms Typically Offered: Fall and Spring.
BINT-291 Special Topic: 1 Credit
Study of a special topic in Biblical Interpretation. May be repeated for credit.

BINT-292 Special Topic: 2 Credits
Study of a special topic in Biblical Interpretation. May be repeated for credit.

BINT-293 Special Topic: 3 Credits
Study of a special topic in Biblical Interpretation. May be repeated for credit.

BINT-440 New Testament Backgrounds 3 Credits
A study of the Greek, Roman, and Jewish backgrounds of the New Testament is made in order to give the New Testament student an understanding of the world of Jesus and the early church. Extensive readings in representative texts from the New Testament period, including the Dead Sea Scrolls.
Prerequisite: NT-101C

## BINT-470 Special Topic: 1-3 Credits

Study in a special topic in the field of Biblical interpretation. May be repeated for credit.
BINT-476 Old Testament Backgrounds 3 Credits
An exploration of Egyptian, Babylonian, Assyrian, and Persian
backgrounds to the Old Testament, designed to provide the student with
an understanding of the Old Testament world.
Prerequisite: NT-101C, OT-201C
BINT-480 Individual Studies: 1-3 Credits
May be repeated for credit.
BINT-540 New Testament Backgrounds 3 Credits
BINT-579 Biblical Hermeneutics 3 Credits

## Biblical Languages (BLAN)

## BLAN-101 Introduction to Biblical Lang. 3 Credits

An introduction to the Greek and Hebrew languages which prepares students to do basic lexical and grammatical research in both print and digital media. Core requirement for the religion major and prerequisite to BINT-270. Offered every semester.
Terms Typically Offered: Fall and Spring.
BLAN-201 Beginning Greek I 4 Credits
A two-semester course of instruction in the grammar of the Greek New Testament. BLAN 201 or demonstrated proficiency serves as prerequisite to BLAN 202. By the end of the second semester the student should be translating portions of the Greek New Testament. Offered alternate years. Prerequisite: BLAN-101 or permission of the instructor Terms Typically Offered: Fall.

## BLAN-202 Beginning Greek II 4 Credits

A two-semester course of instruction in the grammar of the Greek New Testament. BLAN-201 or demonstrated proficiency serves as prerequisite to BLAN-202. By the end of the second semester the student should be translating portions of the Greek New Testament. Offered alternate years. Prerequisite: BLAN-201 or permission of instructor
Terms Typically Offered: Spring, even years.

## BLAN-204 Beginning Hebrew I 4 Credits

Foundation in the basics of Hebrew morphology, vocabulary, and syntax. Exercises in reading, writing, and speaking. Three hours of lecture, two of laboratory per week. BLAN-204 or demonstrated proficiency serves as prerequisite to BLAN-205. Offered alternate years.
Prerequisite: BLAN-101 or permission of the instructor
Terms Typically Offered: Fall.

## BLAN-205 Beginning Hebrew II 4 Credits

Foundation in the basics of Hebrew morphology, vocabulary, and syntax. Exercises in reading, writing, and speaking. Three hours of lecture, two of laboratory per week. BLAN-204 or demonstrated proficiency serves as prerequisite to BLAN-205. Offered alternate years.
Prerequisite: BLAN-204
Terms Typically Offered: Spring.

## BLAN-301 Intermediate Greek I 3 Credits

An advanced course in New Testament Greek. The student begins a translation and exegesis of the Gospel of John along with an intensive, systematic review of grammar and syntax from an advanced Greek grammar.
Prerequisite: BLAN-201, BLAN-202 or demonstrated proficiency Terms Typically Offered: Fall.

## BLAN-302 Intermediate Greek II 3 Credits

An advanced course in New Testament Greek. The student begins a translation and exegesis of the Gospel of John along with an intensive, systematic review of grammar and syntax from an advanced Greek grammar.
Prerequisite: BLAN-201, BLAN-202 or demonstrated proficiency Terms Typically Offered: Spring.

## BLAN-306 Intermediate Hebrew I 3 Credits

Review and consolidation of grammar and syntax. Extensive reading in the narrative portions of the Old Testament for style and vocabulary. Offered alternate years.
Prerequisite: BLAN-204, BLAN-205 or demonstrated proficiency Terms Typically Offered: Fall.

## BLAN-307 Intermediate Hebrew II 3 Credits

Review and consolidation of grammar and syntax. Extensive reading in the narrative portions of the Old Testament for style and vocabulary. Offered alternate years.
Prerequisite: BLAN-204, BLAN-205 or demonstrated proficiency
Terms Typically Offered: Spring.

## BLAN-401 Advanced Greek I 2 Credits

Reading and exegesis of Greek New Testament passages, selected to acquaint the student with the distinctive styles of the various authors of the New Testament. Some reading in the Apostolic Fathers and the Septuagint is also included.
Prerequisite: BLAN-301 or NT-301; BLAN-302 or NT-302 or demonstratedproficiency
Terms Typically Offered: Fall.

## BLAN-402 Advanced Greek II 2 Credits

Reading and exegesis of Greek New Testament passages, selected to acquaint the student with the distinctive styles of the various authors of the New Testament. Some reading in the Apostolic Fathers and the Septuagint is also included.
Prerequisite: BLAN-301 or NT-301; BLAN-302 or NT-302; BLAN-401
ordemonstrated procifiency
Terms Typically Offered: Spring.
BLAN-406 Advanced Hebrew 12 Credits
Syntactical and exegetical analysis of selected portions from the Hebrew Old Testament. Offered on demand.
Prerequisite: BLAN-306 or OT-306; BLAN-307 or OT-307 or
demonstratedproficiency
Terms Typically Offered: Fall.
BLAN-407 Advanced Hebrew II 2 Credits
Syntactical and exegetical analysis of selected portions from the Hebrew Old Testament. Offered on demand.
Prerequisite: BLAN-306 or OT-306; BLAN-307 or OT307; BLAN-406 ordemonstrated proficiency
Terms Typically Offered: Spring.
BLAN-480 Individual Studies: 1-4 Credits
May be repeated for credit.

## Biology (BIOL)

BIOL-100C Fundamentals of Biology for Non-Majors 3 Credits
An introduction to the structures and functions of the major plant and animal groups. Focus is directed toward biological principles and problems facing humans in dynamic ecosystems. Lecture three hours. This course fulfills the core curriculum lecture requirement in natural sciences.
Co-Requisite: BIOL-100CL
Terms Typically Offered: Fall, Spring, and Summer.
BIOL-100CL Fundamentals/Biology for Non-Majors Lab 1 Credit Introduction to biological laboratory procedures. Laboratory exercises in molecular biology, metabolism and physiology, structure, ecology, and taxomonic groups. Laboratory four hours. Lab fee. This course fulfills the core curriculum laboratory requirement in natural sciences.
Pre- or Co-Requisite: BIOL-100C
Terms Typically Offered: Fall, Spring, and Summer.
BIOL-111 Principles of Cell and Molecular Biology 3 Credits
An introductory course for the biological sciences which covers the scientific method, basic biological chemistry, cell structure and function, metabolism and energy transformation, evolution, classification, and other related topics. This course fulfills the core curriculum lecture requirement in Natural Sciences; however, this course is designed for Biology majors.
Co-Requisite: BIOL-111L
Terms Typically Offered: Fall and Spring.
BIOL-111L Principles of Biology Lab 1 Credit
Pre- or Co-Requisite: Take BIOL-111

BIOL-112 Principles of Organismal Biology 3 Credits
An introductory course for the biological sciences which covers the kingdoms of living organisms, plant and animal physiology, population genetics, biodiversity, ecology, and other related topics.
Prerequisite: BIOL-111C and BIOL-111CL or equivalent.
Co-Requisite: BIOL-112L
Terms Typically Offered: Spring.
BIOL-112L Principles of Organismal Biology Lab 1 Credit
Topics in this course are designed to complement lectures presented in BIOL-112. Students will conduct a broad survey of investigations selected to optimize the understanding of basic laboratory techniques and biological principles including field trips, dissection, collections, ecosystem classification and evaluation. Lab and field trip fee.
Co-Requisite: BIOL-112
Terms Typically Offered: Spring.

## BIOL-204C Human Anatomy 3 Credits

Introductory study of the gross physical structure, cellular makeup and physiological function of elements within the nine major organ systems. Lecture three hours. This course fulfills the core curriculum lecture requirement in Natural Sciences; however, this course is designed for Biology majors
Co-Requisite: BIOL-204CL
Terms Typically Offered: Fall and Spring.

## BIOL-204CL Human Anatomy Laboratory 1 Credit

Laboratory study introducing the primary functional and supportive components within the skeletal, muscular, digestive, urinary, nervous, respiratory, reproductive, and cardiovascular systems. Laboratory three hours. Lab fee. This course fulfills the core curriculum laboratory requirement in Natural Sciences; however, this course is designed for Biology majors.
Co-Requisite: BIOL-204C
Terms Typically Offered: Fall and Spring.

## BIOL-205 Principles of Human Physiology 4 Credits

Investigates the fundamental physiological processes in humans using a systems approach to student integrated functions. The course will explore the functions of the human body emphasizing homeostasis and integration at the biochemical, cellular, organ, and system levels. The systems studied will include nervous, cardiovascular, respiratory, renal, gastrointestinal, endocrine, reproductive, and immunity. This course is a combined lecture and laboratory course fulfilling the physiology requirement for RN to BSN student. This is not a suitable course for PreLicensure Nursing students or Biology Majors. This requirement meets the science lab requirement for all other students. Lab fee required. Terms Typically Offered: Spring.

## BIOL-208 Biology of Nutrition 4 Credits

The course emphasizes the biology of nutrition as applied to metabolic and physiologic principles underlying digestion and absorption of nutrients, chemical structure, and metabolism of nutrients, the biochemical role of nutrients in maintaining health, and the effects of over- and under-nutrition on health and on disease pathogenesis. The students will gain an understanding of the biology of macronutrients (carbohydrates, lipids, and proteins) and micronutrients (vitamins, minerals, and water). Weight management and dietary analysis will also be discussed. Laboratory activities provide real-world insight into the biology of nutrition and will assist students in understanding how proper nutrition can optimize body system functions. This course is a combined lecture and laboratory course fulfilling the physiology requirement for RN to BSN student. This is not a suitable course for Pre-Licensure Nursing students or Biology Majors. This requirement meets the science lab requirement for all other students. Lab fee required. (School for Professional Studies Course).
Terms Typically Offered: Spring and Summer.

## BIOL-209 Principles of Microbiology 3 Credits

An introduction to the study of micro-organisms: their occurrence and importance to humans. Major concepts of general microbiology are discussed, including prokaryotic and eukaryotic cell types: structural organization of cells; cellular metabolism, regulation of metabolism, and genetics; host-parasite relationships, nutrition, growth, control mechanisms, immunology and serology; recombinant DNA technology; growth of microbial cells; and controlling growth by chemical and physical means. Bacteria, fungi, algae, protozoa, and viruses are studied. Special emphasis is given to infectious diseases and the organisms that cause these diseases.
Co-Requisite: BIOL-209L
Pre- or Co-Requisite: BIOL-205 or BIOL-100C
Terms Typically Offered: Spring.

## BIOL-209L Principles of Microbiology Lab 1 Credit

The laboratory course will introduce students to basic microbiology techniques and principles. Students will learn procedures for handling micro-organisms and establishing pure cultures. Additionally, the following basic microbiology laboratory protocols will be covered: specimen collection, cultivation, analysis, identification, and reporting. Laboratory three hours. Lab fee.
Prerequisite: BIOL-210
Co-Requisite: BIOL-209
Terms Typically Offered: Spring.

## BIOL-210C Fundamentals of Biology 3 Credits

An introduction to the structures and functions of the major plant and animal groups. Focus is directed toward biological principles and problems facing humans in dynamic ecosystems. Lecture three hours. This course fulfills the core curriculum lecture requirement in Natural Sciences; however, this course is designed for non-science majors. Co-Requisite: BIOL-210CL

## BIOL-210CL Fundamentals of Biology Lab 1 Credit

Introduction to biological laboratory procedures. Laboratory exercises in molecular biology, metabolism and physiology, structure, ecology, and taxonomic groups. Laboratory three hours. Lab fee. This course fulfills the core curriculum laboratory requirement in Natural Sciences; however, this course is designed for non-science majors.
Co-Requisite: BIOL-210C

## BIOL-220 Cell Biology 3 Credits

This course provides an introduction to the fundamental principles of biology that center on the cell. Focus will be placed on cellular structure and function, fundamental metabolism, and molecular genetics. Lecture three hours.
Prerequisite: BIOL-112
Co-Requisite: BIOL-220L
Terms Typically Offered: Fall.

## BIOL-220L Cell Biology Lab 1 Credit

This course provides a working understanding of basic principles paramount to the study of biological sciences. Students will have a fundamental understanding of the scientific method, the cell, cellular structure, cellular respiration, DNA processes, protein synthesis, cellular reproduction, and genetics. This course prepares the student to think critically and analyze data. Laboratory three hours. Lab fee.
Prerequisite: BIOL-112L
Co-Requisite: BIOL-220
Terms Typically Offered: Fall.

## BIOL-234 Principles of Neuroscience 4 Credits

The course is an introduction to the human nervous system and how the brain processes sensory information, controls actions, and learns through experience and emotions. Each lesson provides a broad understanding of the fundamentals of brain structures and its role in behavior. The course also aims to introduce the student to brain science behind sensory development, language acquisition and learning. (School for Professional Studies Course).
Terms Typically Offered: Fall, Spring, and Summer.

## BIOL-291 Special Topic in Biology 1 Credit

Study of a special topic in life science. May be repeated for credit. Lab fee.

## BIOL-292 Special Topic in Biology 2 Credits

Study of a special topic in life science. May be repeated for credit. Lab fee.

## BIOL-293 Special Topic in Biology 3 Credits

Study of a special topic in life science. May be repeated for credit. Lab fee.

## BIOL-294 Special Topic in Biology 4 Credits

Study of a special topic in life science. May be repeated for credit. Lab fee.

## BIOL-302 Comparative Vertebrate Anatomy 3 Credits

Study of the similarities and differences in the structure and function of chordates (fish, amphibians, reptiles, birds, mammals) in both ancient and modern forms, with particular emphasis on human organ systems. Embryological development and features are integrated into the discussion of each organ system. Lecture three hours. Offered in alternate years.
Prerequisite: BIOL-112
Co-Requisite: BIOL-302L
Terms Typically Offered: Fall, odd years.

BIOL-302L Comp Vertebrate Anatomy Lab 1 Credit
Study of the essential embryological and morphological features of representative chordates (fish, amphibians, reptiles, birds, mammals), with particular emphasis given to human organ systems. Laboratory exercises incorporate dissection on preserved specimens. Laboratory three hours. Lab fee. Offered in alternate years.
Prerequisite: BIOL-112
Co-Requisite: BIOL-302
Terms Typically Offered: Fall, odd years.

## BIOL-303 Neurobiology Learning \& Memory 3 Credits

This course introduces students to the methods, theories, and concepts that are central to the field of learning and memory. The course uses a combination of lectures and student-led discussions. The course highlights the molecular and cellular processes that are responsible for the synaptic changes that are responsible for learning and the formation of memory. Students will learn how changes in synapses generate, stabilize, consolidate, and maintain memories. Topics covered include system and synaptic consolidation, reconsolidation, memory systems, and the neural pathways involved in different types of memories. Prerequisite: BIOL-220

## BIOL-304 Human Physiology 3 Credits

This course will investigate the fundamental physiological processes in humans using a systems approach to study integrated functions. It will explore the functions of the human body emphasizing homeostasis at biochemical, cellular, organ, and system levels. The systems studied will include nervous, cardiovascular, respiratory, renal, gastrointestinal, endocrine, and reproductive. Lecture three hours.
Prerequisite: BIOL-111C; BIOL-204C; or other college biology course with permission of instructor.
Co-Requisite: BIOL-304L

## Terms Typically Offered: Fall and Spring.

## BIOL-304L Human Physiology Lab 1 Credit

This course is designed to complement BIOL-304 investigating
fundamental physiological processes in humans. The systems studied will include nervous, cardiovascular, respiratory, renal, gastrointestinal, endocrine, and reproductive. Laboratory three hours. Lab fee.
Co-Requisite: BIOL-304
Terms Typically Offered: Fall and Spring.

## BIOL-305 Physiology of Vertebrates 3 Credits

Principles of animal physiology with emphasis on vertebrates. Lecture three hours. Offered in alternate years.
Prerequisite: BIOL-112 and BIOL-220
Co-Requisite: BIOL-305L
Terms Typically Offered: Spring, odd years.

## BIOL-305L Physiology of Vertebrates Lab 1 Credit

Laboratory course examining the principles of animal physiology with emphasis on vertebrates. Laboratory three hours. Lab fee. Offered in alternate years.
Prerequisite: BIOL-112L and BIOL-220L
Co-Requisite: BIOL-305
Terms Typically Offered: Spring, odd years.

## BIOL-309 Microbiology 3 Credits

Biology of micro-organisms: their occurrence and importance to humans. Topics will include microbial cell structure and function, metabolism, microbial genetics, and the role of micro-organisms in disease and immunity. Lecture three hours.
Co-Requisite: BIOL-309L
Terms Typically Offered: Fall.
BIOL-309L Microbiology Laboratory 1 Credit
Laboratory three hours. Lab fee.
Co-Requisite: BIOL-309
Terms Typically Offered: Fall.

## BIOL-311 Genetics 3 Credits

A study of the principles and the physical basis of heredity, biochemical aspects of gene actions, and social implications of heredity. Lecture three hours. Offered in alternate years.
Prerequisite: BIOL-220 and BIOL-220L
Co-Requisite: BIOL-311L
Terms Typically Offered: Spring.

## BIOL-311L Genetics Laboratory 1 Credit

Laboratory three hours. Lab fee. Offered in alternate years.
Co-Requisite: BIOL-311
Terms Typically Offered: Spring.

## BIOL-315 General Ecology 3 Credits

An introduction to the interactions between organisms and their physical and biological environment. Important factors and processes influencing organisms within both terrestrial and aquatic ecosystems will be studied.

## Lecture three hours.

Prerequisite: BIOL-112
Co-Requisite: BIOL-315L
Terms Typically Offered: Spring, odd years.

## BIOL-315L Ecology Field and Lab Practicum 1 Credit

This class provides hands-on experiences in the laboratory and in the field, enhances the student's understanding of basic environmental science and ecological concepts presented in BIOL-315. The laboratory experiments are oriented towards demonstrated basic principles of ecology and mastering modern research and field techniques. The individual exercises are from an excellent notebook on current protocols used in ecology. Occasional field sampling will be required. Three hours of lab per week. Lab fee.
Prerequisite: BIOL-112L
Co-Requisite: BIOL-315
Terms Typically Offered: Spring, odd years.

## BIOL-335 Biology of Cancer 3 Credits

This course is designed to study cancer from both a cellular and a clinical perspective. Characteristics of aberrant cell growth, proliferation and metastasis will be studied with a focus on the genetic changes that occur in cancer cells. Clinical aspects of cancer that will be discussed will include the classification, carcinogenesis, epidemiology, prevention and treatment of cancer. Course fee.
Prerequisite: BIOL-112,BIOL-210C, BIOL-220, CHEM-112C or permission ofinstructor.
Terms Typically Offered: Spring, even years.

## BIOL-345C Mountain Field Biology 4 Credits

A study of biota and communities of the mountains and factors affecting distributions, reproductions, and physiology of plant and animal life.
A significant component of the course focuses on geology and the geological forces involved in mountain and land formation. Lab fee. Much of the course consists of a 2-week field trip through the Sierra Nevadas typically during May. Lab and field trip fee. Lab fee covers lab project materials, food, transportation, and accommodations during the twoweek long trip. Any special diet or physical accommodations must be approved by the instructor prior to enrollment. This course fulfills the core curriculum lecture and lab science requirement in natural sciences. Terms Typically Offered: Spring.

## BIOL-346C Desert Field Ecology 4 Credits

A study of biota and communities of desert environments and factors affecting distributions, reproduction, and physiology of plant and animal life. A significant component of the course focuses on geology and the geological forces involved in mountain and land formation. One week of the course consists of a field trip through the arid regions of Southern California typically during spring break. Course will fulfill core curriculum science requirement. Lab fee. Lab fee will cover lab project materials, food, transportation, and accommodations during the two-week long trip. Any special diet or physical accommodations must be approved by the instructor prior to enrollment. This course fulfills the core curriculum lecture and lab science requirement in Natural Sciences.
Terms Typically Offered: Spring.

## BIOL-348C Coastal Ecology 4 Credits

Coastal Ecology examines the ecological processes at the interface between land and sea in order to provide an understanding of the coastal environment, how terrestrial and marine systems are intricately connected, and how human activities can impact both. Much of the course consists of local field trips in coastal and marine environments and in particular a week-long field trip usually during spring break. Course will fulfill core curriculum science requirement. Lab fee. Lab fee covers lab project materials, food, transportation, and accommodations during the week- long trip. Any special diet or physical accommodations must be approved by the instructor prior to enrollment. This course fulfills the core curriculum lecture and lab science requirement in Natural Sciences.
Terms Typically Offered: Spring.

## BIOL-353 Neuropharmacology 3 Credits

This course is designed to give students a fundamental understanding of the biochemical bases of behavior as well as the effects of drugs on the central nervous system and behavior. Topics covered include basic principles of neuropharmacology, pharmacokinetics, neurotransmitter systems, neural substrates of drug action, and neuropharmacology of neural disorders.
Prerequisite: BIOL-220
Terms Typically Offered: Fall, even years.

## BIOL-353L Neuropharmacology Laboratory 1 Credit

This laboratory course supports the BIOL-404 lecture and must be taken concurrently.
Prerequisite: BIOL-220, BIOL-220L
Co-Requisite: BIOL-404
Terms Typically Offered: Spring, even years.

## BIOL-365 Neurobiology of Learning and Memory 3 Credits

This course introduces students to the methods, theories, and concepts that are central to the field of learning and memory. The course uses a combination of lectures and student-led discussions. The course highlights the molecular and cellular processes that are responsible for the synaptic changes that are responsible for learning and the formation of memory. Students will learn how changes in synapses generate, stabilize, consolidate, and maintain memories. Topics covered include system and synaptic consolidation, reconsolidation, memory systems, and the neural pathways involved in different types of memories.
Prerequisite: BIOL-220, BIOL-220L
Terms Typically Offered: Fall, odd years.
BIOL-365L Neurobiology of Learning/Memory Lab 3 Credits
This course supports the BIOL-365 lecture and must be taken concurrently.
Prerequisite: BIOL-220, BIOL-220L
Co-Requisite: BIOL-365
Terms Typically Offered: Fall, even years.
BIOL-385 Research Methods in Neurobiology 3 Credits
This course provides students with an empirically-based research experience in the area of behavioural neurosceince. Students will be using an animal model of addition to study the neural mechanisms behind learning and memory. Students will gain a basic understanding of proper research methodology, memory consolidation, reconsolidation, conditioned place prefereance paradigm, brain anaromy, and pharmacology. Students will have hands-on experience learning various techniques, including animal handling and injection, and behavioral analysis. Terms Typically offered: Spring, even years.
Prerequisite: BIOL-365
Terms Typically Offered: Spring, even years.

## BIOL-402 Histology 3 Credits

Study of the cells and tissues comprising each human organ system. Discussion focuses on structural and functional components in both intracellular and extracellular compartments, and cellular interaction within and among different organ systems. Lecture three hours. Offered in alternate years.
Prerequisite: BIOL-220
Co-Requisite: BIOL-402L

## BIOL-402L Histology Lab 1 Credit

Laboratory study of the cells and tissues comprising each human organ system. Particular emphasis is placed upon learning to identify the features making each tissue and organ unique. Laboratory three hours. Lab fee. Offered in alternate years.
Prerequisite: BIOL-220L
Co-Requisite: BIOL-402

## BIOL-403 Biotechnology 6 Credits

Methodology and application in biotechnology. The following topics will be covered: genetic engineering techniques for introducing a gene for a desired protein into a cell with vectors, techniques for growing bacteria and yeast to produce a desired protein, cell transformation by electroporation, blue/white screening for selection of a colony with successful transformation with the desired vector, identification of a plasmid with PCR and DNA sequencing, use of enzyme assays to measure protein concentration in solutions, fed-batch yeast fermentation, mammalian cell culture techniques, and analysis of protein expression by Western blot. Lab fee.
Terms Typically Offered: Spring.

## BIOL-404 Neuropharmacology 3 Credits

This course is designed to give students a fundamental understanding of the biochemical bases of behavior as well as the effects of drugs on the central nervous system and behavior. Topics covered include basic principles of neuropharmacology, pharmacokinetics, neurotransmitter systems, neural substrates of drug action, and neuropharmacology of neural disorders.
Prerequisite: BIOL-220
Terms Typically Offered: Fall, even years.

## BIOL-404L Neuropharmacology Laboratory 1 Credit

This laboratory course supports the BIOL-404 lecture and must be taken concurrently.
Prerequisite: BIOL-220, BIOL-220L
Co-Requisite: BIOL-404
Terms Typically Offered: Spring, even years.

## BIOL-405 Bioinformatics 3 Credits

Introduction to bioinformatic resources/methods for biologists. Topics include: biological databases, sequence alignment, gene and protein structure prediction, molecular phylogenetics, genomics and proteomics. Students will gain practical experience with bioinformatics tools and develop basic skills in the collection and presentation of bioinformatics data.
Co-Requisite: BIOL-405L
Terms Typically Offered: Spring.

## BIOL-405L Bioinformatics Laboratory 1 Credit

Introduction to bioinformatic resources/methods for biologists. Topics include: biological databases, sequence alignment, gene and protein structure prediction, molecular phylogenetics, genomics and proteomics. Students will gain practical experience with bioinformatics tools and develop basic skills in the collection and presentation of bioinformatics data. This lab course must be taken concurrently with lecture BIOL-405. Co-Requisite: BIOL-405

## BIOL-406 Research Methods in Neurobiology 3 Credits

This course provides students with an empirically-based research experience in the area of behavioural neurosceince. Students will be using an animal model of addition to study the neural mechanisms behind learning and memory. Students will gain a basic understanding of proper research methodology, memory consolidation, reconsolidation, conditioned place prefereance paradigm, brain anaromy, and pharmacology. Students will have hands-on experience learning various techniques, including animal handling and injection, and behavioral analysis. Terms Typically offered: Spring, even years.
Prerequisite: BIOL-365
Terms Typically Offered: Spring, even years.

## BIOL-432 Neuroscience 3 Credits

The study of the nervous system from the cellular physiology of the neuron to complex structure and function of the central nervous system. Emphasis will be given to the cellular neurophysiology and neuroanatomy. This course will give an excellent foundation for understanding the brain and the nervous system. Students will critically read and discuss the scientific literature and learn to critically evaluate experimental neuroscience. Lecture three hours.
Prerequisite: BIOL-220 and BIOL-204C, BIOL-304, or BIOL-305; or permission of instructor.
Co-Requisite: BIOL-432L
Terms Typically Offered: Spring, odd years.
BIOL-432L Neuroscience Lab 1 Credit
Laboratory three hours. Lab fee.
Prerequisite: BIOL-220L and BIOL-204CL, BIOL-304L or BIOL-305L; or permission of instructor.
Co-Requisite: BIOL-432
Terms Typically Offered: Spring, odd years.

## BIOL-440 Molecular Biology 3 Credits

The study of the genome in prokaryotes and eukaryotes. Introduction to and an analysis of modern molecular biology techniques are presented including: replication, transcription, translation, genetic engineering, cloning, gene expression, sequencing and genetic analysis. Lecture three hours. Offered in alternate years.
Prerequisite: BIOL-220
Co-Requisite: BIOL-440L
Terms Typically Offered: Fall.

## BIOL-440L Techniques in Molecular Biology 1 Credit

The study of the genome in prokaryotes and eukaryotes. Introduction to and an analysis of modern molecular biology techniques are presented including: genetic engineering, cloning, gene expression, sequencing and genetic analysis. This course prepares the student to develop the following critical skills: independent thinking, lab management, record keeping, and project development. Laboratory three hours. Lab fee. Offered in alternate years.
Prerequisite: BIOL-220
Co-Requisite: BIOL-440
Terms Typically Offered: Fall.

## BIOL-450 UG Research or Internship Program 1-4 Credits

This course may be taken for a maximum of four (4) units in one semester. A maximum of six (6) combined units credit for BIOL-450 or BIOL-485 apply to graduation. This course is designed with the purpose of providing students the opportunity to conduct research off-campus at universities or STEM companies in the community. This course promotes early entry into the workplace for the student through part-time employment. This course requires actual work experience be sought in a biotech or STEM-focused business firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned instructor. Students are responsible for completing a project report and presenting their research results in BIOL-499C.
Prerequisite: BIOL-112
Terms Typically Offered: Spring.

## BIOL-451 Immunology 3 Credits

The study of molecular and cell biology of specific and nonspecific immune responses in mammals, with special emphasis on human immune systems. Reviews experimental support for current immunological theories. Roles of immunology in human health and disease will be studied.
Prerequisite: BIOL-220 and BIOL-220L
Co-Requisite: BIOL-451L
Terms Typically Offered: Spring, odd years.

## BIOL-451L Immunology Lab 1 Credit

A laboratory course designed to introduce students to current clinical and research procedures in immunology. Includes techniques, such as ELISA, Immunoprecipitation, cell culture techniques, $T$ cell activation, Western blot, and blood cells recognition. These techniques are utilized in biological, biochemical research and clinical laboratories. Lab fee.
Prerequisite: Prerequisite: BIOL-220 and BIOL-220L
Co-Requisite: Concurrent: BIOL-451
Terms Typically Offered: Spring, odd years.

## BIOL-455 Biology Teaching Internship 1-3 Credits

The student will meet for regular hours each week for classes and/or meetings that are established at the beginning of the semester with the supervising professor. The intern assists an instructor in planning and conducting lecture and/or laboratory sessions and with other assigned teaching related duties. This course may be taken for 1-3 units per semester. May be repeated for a maximum of six units.
Terms Typically Offered: Fall and Spring.

## BIOL-470 Special Topic in Biology 1-4 Credits

Study a special topic in Life Science. May be repeated for credit. May have lab and field trip fees in some cases.
Terms Typically Offered: On Demand.

## BIOL-480 Individual Studies: 1-4 Credits

May be repeated for credit. May have lab fee and field trip fee in some cases.
Terms Typically Offered: On Demand.

## BIOL-485 Undergrad Biological Research 1-4 Credits

This course provides the student with an empirically-based research experience in the biological sciences. Emphasis will be placed on project management, safety, instrumentation, solution preparation, and research documentation skills. This course is a variable credit course. Two units are recommended for all biology majors. It is expected that a research report be completed at the conclusion of the research project and an oral presentation of the results be given in BIOL-499C. This course may be repeated for credit. Lab fee.
Prerequisite: BIOL-112 and BIOL-112L
Terms Typically Offered: On Demand.

## BIOL-488 Biology Senior Project 2 Credits

An advanced course providing the opportunity for a student to create a novel and independent intellectual work by comparing, contrasting and synthesizing recent research and his/her cumulative knowledge and understanding in the biological sciences. The precise nature, scope and format of the project must be developed and approved under the guidance of the instructor and in collaboration with the student's academic advisor. Senior projects are typically initiated in the Fall. The project results must also be presented in BIOL-499C. Lab fee.
Terms Typically Offered: Fall.

## BIOL-499C Capstone Seminar in Biology 2 Credits

This course includes analysis and evaluation of current research in biology and the integration of faith and learning in the biological sciences. An oral presentation of BIOL-485 or BIOL-488 is required. Inclass presentations by faculty and guests are a part of the course. This course fulfills the Core Curriculum Capstone requirement for Biology majors.
Prerequisite: BIOL-485 or BIOL-488
Terms Typically Offered: Spring.
BIOL-540 Techniques in Molecular Biology 3 Credits
Prerequisite: Take BIOL-220
BIOL-540L Techniques in Molecular Biology 1 Credit
Prerequisite: Take BIOL-220L

## Biotechnology (BIOT)

BIOT-200 Introduction to Biotechnology 3 Credits
An introductory course to the field of biotechnology and application of biotechnology methodologies in emerging areas. Topics of discussion will include microbial biotechnology, animal biotechnology, forensic biotechnology, agriculture biotechnology, bioremediation and medical biotechnology. Emphasis will be placed on ethical and social considerations and opportunities for improvements in the field.
Pre- or Co-Requisite: Take Biol-111 BIOT-200L
BIOT-200L Introduction to Biotechnology Laboratory 1 Credit An introductory laboratory course to the field of biotechnology and application of biotechnology methodologies in emerging areas. Laboratories include aseptic technique, pipetting and measurement, NNA extration and restriction digestion, gel electrophoresis nad PCR. Lab fee required.
Prerequisite: \#Take BIOL-111;
Pre- or Co-Requisite: Take BIOT-200;

## BIOT-403 Adv. Research Methods in Biotechnology 3 Credits

Methodology and application in biotechnology. The following topics will be covered: genetic engineering techniques for introducing a gene for a desired protein into a cell with vectors, techniques for growing bacteria and yeast to produce a desired protein, cell transformation by electroporation, blue/white screening for selection of a colony with successful transformation with the desired vector, identification of a plasmid with PCR and DNA sequencing, use of enzyme assays to measure protein concentration in solutions, fed-batch yeast fermentation, mammalian cell culture techniques, and analysis of protein expression by Western blot. Lab fee.
Prerequisite: BIOT-200

## BIOT-405 Bioinformatics 3 Credits

Introduction to bioinformatic resources/methods for biologists. Topics include: biological databases, sequence alignment, gene and protein structure prediction, molecular phylogenetics, genomics and proteomics. Students will gain practical experience with bioinformatics tools and develop basic skills in the collection and presentation of bioinformatics data.
Prerequisite: DSCI-100C, DSCI-100CL
Co-Requisite: Take BIOT-405L

BIOT-405L Bioinformatics Laboratory 1 Credit
Introduction to bioinformatic resources/methods for biologists. Topics include: biological databases, sequence alignment, gene and protein structure prediction, molecular phylogenetics, genomics and proteomics. Students will gain practical experience with bioinformatics tools and develop basic skills in the collection and presentation of bioinformatics data. This lab course must be taken concurrently with lecture BIOL-405. Prerequisite: DSCI-100C, DSCI-100CL
Co-Requisite: Take BIOT-405

## BIOT-413 Cell Culture Techniques 3 Credits

This course is primarily lab based and will focus on teaching the techniques necessary to maintain mammalian cells in culture and manipulating stem cells. Exercises will include hands-on training isolating, maintaining, characterizing, cryopreserving, and manipulating in vitro cells in addition to independent research experience. Additional skills will include Basic Aseptic Technique; Media Preparation; Cell counting; Survival assays, Live Cell Identification and Transfection. These skills are crucial for individuals seeking career opportunities in the biotechnology field.
Prerequisite: BIOL-309, BIOL-309L
BIOT-500 Career Prep/Biosci Industry Engagement 1 Credit
Preparation for PSM Program and Bioscience Industry Engagement. Career preparation for successful entry and development in biotechnology. Community and interactive discussion topics including the business of science, career opportunities, industry and workforce trends, and overview of the biotechnology industry. Intended to help students identify career values and goals and get them on track for being successful in finding a meaningful project for their capstone experience. Students will research potential internship sites and develop a plan for securing a project. In addition to writing a resume and cover letter, students will develop interviewing and networking skills, set goals and learning objectives, and learn skills that will ensure their success in their internships or research projects.

## BIOT-503 Advanced Research Methods in Biotech 3 Credits

Methodology and application in biotechnology. This course is primarily lab based and will prepare students for independent research project. The following topics will be covered: genetic engineering techniques for introducing a gene for a desired protein into a cell with vectors, techniques for growing bacteria and yeast to produce a desired protein, cell transformation by electroporation, blue/white screening for selection of a colony with successful transformation with the desired vector, identification of a plasmid with PCR and DNA sequencing, use of enzyme assays to measure protein concentration in solutions, fed-batch yeast fermentation, mammalian cell culture techniques, and analysis of protein expression by Western blot. Lab fee.

## BIOT-505 Bioinformatics 3 Credits

Introduction to bioinformatic resources/methods for biologists. Topics include: biological databases, sequence alignment, gene and protein structure prediction, molecular phylogenetics, genomics and proteomics. Students will gain practical experience with bioinformatics tools and develop basic skills in the collection and presentation of bioinformatics data.

BIOT-505L Bioinformatics Laboratory 1 Credit
Introduction to bioinformatic resources/methods for biologists. Topics include: biological databases, sequence alignment, gene and protein structure prediction, molecular phylogenetics, genomics and proteomics. Students will gain practical experience with bioinformatics tools and develop basic skills in the collection and presentation of bioinformatics data. This lab course must be taken concurrently with lecture BIOT-505.

## BIOT-508 Legal and Social Ethics in Science 3 Credits

A seminar course that examines the ethical implications of decisions made in biotechnology as well as the responsibilities of life scientists in the biomedical development process, including industry, government, and healthcare authorities and in their communities. Course discussions include stewardship and environmental impacts of biomanufacturing as well as ethical use of laboratory animals. Students examine ethical issues related to biomedical product advancement and use, and specific areas of science are also explored from a Christian ethics viewpoint through lectures, student oral presentations, team debate, and final written projects.

## BIOT-511 Regulations and Quality Management 2 Credits

A course designed for science professionals to develop and apply skills and knowledge for managing business operations. Real-world business cases are used to develop students' management capacity and capability. Areas of focus include the process view of organizations, performance measures, products and product attributes, production processes, process competencies, procurement and supply chain management and regulatory requirements. The laws and regulations enforced by the Food and Drug Administration and other regulatory agencies related to the biotechnology, pharmaceutical, and medical device industries are surveyed. Included is the U.S. legal regulatory system, Food, Drug, and Cosmetic Act and related laws, Freedom of Information Act, regulation affecting foods, drugs, biologics, veterinary products, diagnostics, and devices, FDA enforcement, product liability, and import/export requirements. Reviews the impact of quality systems and the functions, roles, and responsibilities on Quality Assurance and Quality Control.

## BIOT-513 Cell Culture Techniques 3 Credits

This course is primarily lab based and will focus on teaching the techniques necessary to maintain mammalian cells in culture and manipulating stem cells. Exercises will include hands-on training isolating, maintaining, characterizing, cryopreserving, and manipulating in vitro cells in addition to independent research experience. Additional skills will include Basic Aseptic Technique; Media Preparation; Cell counting; Survival assays, Live Cell Identification and Transfection. These skills are crucial for individuals seeking career opportunities in the biotechnology field.
BIOT-515 Experimental Design, Stat Analysis/Progm 3 Credits Introduces advanced statistical concepts and analytical methods for the experimental needs and data encountered in biotechnology and biomedical sciences. Experimental design/conduct, quantitative analysis of data, and statistical inferences and interpretations are studied for scientific hypothesis testing, as well as clinical trials. Explores methodological approaches to bioassay development/testing and provides a foundation for critically evaluating information to support research findings, product claims, and technology opportunities. Students apply statistical analysis software and write algorithms in programming languages commonly used in biotechnology and professional science industries (ie. Python).

## BIOT-550 Internship Program 1-4 Credits

This course may be taken for a maximum of four (4) units in one term. A maximum of eight (8) combined credit units apply to graduation. This course is designed with the purpose of providing students the opportunity to conduct research off-campus at STEM companies in the community. This course promotes early entry into the workplace for the student through part-time employment. This course requires actual work experience be sought in a biotech or STEM-focused business firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned instructor. Students are responsible for completing a project report and presenting their research results in BIOT-699.

## BIOT-600 Bioinnovation/Entrepreneurship/Biotech 2 Credits

A seminar course that develops skills in managing bioentrepreneurship projects in the bioscience and biomedical device fields. Students learn how to be responsive team members as well as communicative team leaders. This course also investigates issues and decisions that inventor / scientists, investors, founders, business people, lawyers, and others might typically encounter when they are considering the application and commercialization of early stage scientific discoveries. And how to sustain innovation in organizations and team dynamics.

## BIOT-603 Bus Analytics and Proffessional Comm 3 Credits

A course that focuses on oral and written communication for both scientific and nonscientific audiences for a variety of sources in biotechnology, including journals, investor relations, and regulatory documentation. Topics include uses and management of information; decision tools and concepts; quality control.

## BIOT-685 Independent Advanced Research 4-6 Credits

Students conduct supervised, independent research in Biotechnology. The student and faculty supervisor together develop a course outline, with a proposal for original research and the method of evaluation, including a formal research paper. Outline must be approved by the department before the student is permitted to register. Students will present their work in oral and written format. A maximum of eight (8) combined units apply to graduation.

## BIOT-699 Graduate Seminar 1 Credit

Seminar series with invited biology speakers including many prominent scientists and leaders working at biotechnology companies. Students will be expected to present their research at these Seminars. Graduate students are to take this course every Spring. This course is repeatable to a maximum of 3 units.
Prerequisite: BIOT-550 or BIOT-685

## Business (BUSN)

## BUSN-P205 Computer Applications 3 Credits

This course introduces students to math concepts and computer applications that will be used throughout their business coursework. Computer applications will be learned through completion of projects using word processing, spreadsheets, database, and presentation software application. (School for Professional Studies Course). Terms Typically Offered: Fall, Spring, and Summer.

## BUSN-P272 Managerial Economics 3 Credits

An examination of the principles of economics needed to be understood and utilized by managers and supervisors in all fields. The internalization of the U.S. economy and possible actions affecting economy in all organizations will be included. (School for Professional Studies Course). Terms Typically Offered: Fall, Spring, and Summer.

## BUSN-P277 Business Writing 3 Credits

This course is designed to teach the student how to write and present strategically organized, grammatically correct, persuasive business communications. Attention is given to academic and professional writing styles and standards, communication theory for various forms of business writing, and means of efficient research. (Formerly BUOM 376 Business Writing for Professionals.) This course must be passed with a "C" or better to fulfill writing requirements for graduation. A student receiving a "C-" or lower must retake the course to earn the required grade for graduation. (Course previously listed under BUOM)

## BUSN-P316 Business Law 3 Credits

This course explores the legal environment in which businesses operate. The focus is on the organization and operation of the American legal system, legal rules and ethical constraints that impact business, and the practical application of these rules and constraints to real-world situations. Topics include contracts, torts, agency, ethical and criminal implications of business actions, property laws, and the legal aspects of different business entities. (School for Professional Studies Course). Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Summer.

## BUSN-P361 Organizational Communication 3 Credits

An examination of the formal and informal functions of organizations, including an analysis of an agency or organization based upon a system's model. Students will analyze and solve organizational problems using a step-by-step method. Effectiveness in personal and social relationships is also examined. Constructive feedback, dealing with anger and resolving conflict help each student develop a model for effective relationships. (School for Professional Studies Course).
Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Spring.

## BUSN-P378 Research Methods 3 Credits

A course in conducting and applying research for managerial decisionmaking. Problem formulation, data collection, statistical analysis and interpretation of results are covered. (School for Professional Studies). Prerequisite: General Education MATH Requirement Terms Typically Offered: Fall and Spring.

## BUSN-P416 Intercultural Dynamics in Business 3 Credits

This course introduces students to the elements of culture, the impacts of culture and cultural differences (on communication, values and norms, work habits, practices, beliefs and attitudes, and sense of self) and the importance of understanding and embracing cultural differences in a global business environment. (School for Professional Studies Course). Terms Typically Offered: Fall and Spring.

## BUSN-P440 Entrepreneurship: Formation/New Ventures Ventures 3

 CreditsThe theory and practice of new venture development. Studies business opportunities from the point of view of the entrepreneur/manager rather than passive investor. Topics include strategic management, venture capital, and writing business plans. (Course formerly under BUOM)

## BUSN-P456 Business Strategy 3 Credits

Designed to allow the student the opportunity of integrating the knowledge obtained from accounting, economics, marketing, and organizational management into coherent analytical skills on case studies approximating real world business situations. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## BUSN-P470 Special Topic in Business 1-3 Credits

Study of a special topic in business. May be repeated for credit provided topics are dissimilar.

## BUSN-P478 Organizational Ethics 3 Credits

A study of ethical situations in organizations, accountability in government, respect for human rights, and responsibility for ethical and contemporary life choices. Ethical theories and personal values are examined through readings and analysis of situations in organizations. (School for Professional Studies Course).

## Prerequisite: BUSN-P378

Terms Typically Offered: Fall and Spring.

## BUSN-P481 Business Through Eyes of Faith 3 Credits

A study of the nature of business from the perspective of the Christian faith. (School for Professional Studies Course).
Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Spring.

## BUSN-102 Bus Math \& Computer Applicatns 3 Credits

## BUSN-114 Introduction to Business 3 Credits

A basic survey of the scope, function, and organization of modern business.
Terms Typically Offered: Fall and Spring.

## BUSN-125 Computer Applications 3 Credits

This course introduces students to math concepts and computer applications that will be used throughout their business coursework. Computer applications will be learned through completion of projects using word processing, spreadsheets, database, and presentation software applications.
Terms Typically Offered: Fall and Spring.

## BUSN-165C Business Statistics 3 Credits

Emphasizes the use of statistics in making business decisions. Utilizes business cases to explore data collection and presentation, descriptive measures, probability, discrete and normal distributions, sampling, hypothesis testing, analysis of variance, chi square, regression, and correlation. Required for business majors. Satisfies the core curriculum math requirement.
Prerequisite: MATH-116 or MATH-170

## BUSN-215 Principles of Macroeconomics 3 Credits

An introduction to the principles of economic analysis, economic institutions, and issues of public policy.
Prerequisite: MATH-116C or MATH-170C; and BUSN-165C or MATH-265C or itsequivalent.
Terms Typically Offered: Fall and Spring.

## BUSN-216 Principles of Microeconomics 3 Credits

An introduction to the economics of private enterprise and resource allocation, including demand, supply, and elasticity; cost of production; price and output determination under various market structures; and pricing and employment resources.
Terms Typically Offered: Fall and Spring.

BUSN-291 Special Topic in Business 1 Credit
Study of a special topic in business. May be repeated for credit provided topics are dissimilar.
Terms Typically Offered: On Demand.

## BUSN-292 Special Topic in Business 2 Credits

Study of a special topic in business. May be repeated for credit provided topics are dissimilar.
Terms Typically Offered: On Demand.

## BUSN-293 Special Topic in Business 3 Credits

Study of a special topic in business. May be repeated for credit provided topics are dissimilar.
Terms Typically Offered: On Demand.

## BUSN-312 Negotiations and Conflict 3 Credits

This course is designed to equip students with an increased awareness of, interest in, and ability to positively navigate difficult personal and business conversation. Students will learn various tools and techniques necessary for successful negotiations and conflict resolution in various business applications.
Terms Typically Offered: Spring.

## BUSN-316 Legal Aspects/Business Process 3 Credits

An examination of law and its development, courts and procedures, and basic legal principles as they relate primarily to business ethics, business crimes, product and service liability, warranty, business organization and operation, insurance, and property.
Terms Typically Offered: Fall and Spring.
BUSN-317 Legal \& Ethical Environ/Busin 3 Credits
Explores the historical, philosophical, and religious bases of legal systems, the ethical posture of law as related to the moral dimensions of an economic complex, and the policies and implementation procedures of federal, state, and local regulatory bodies.

## BUSN-435 Business Ethics 3 Credits

Presumes that humans are moral beings facing a variety of moral decisions on a daily basis. Therefore, business, like all social activities, can and does function ethically when moral prerequisites are fulfilled.
The course examines the subject from Judeo-Christian ethics paradigm perspective, using cases to study the phenomenon in the business environment.
Prerequisite: MNGT-325
Terms Typically Offered: Spring.

## BUSN-450 Business Intern Program 1-3 Credits

This course may be taken for a maximum of three units in one semester. A maximum of six combined units credit for BUSN-450 and BUSN-451 apply to graduation. A maximum of nine combined units credit for BUSN-432, BUSN-450, and BUSN-451 apply to graduation. May not be enrolled in more than six units per semester between BUSN-432, BUSN-450, and BUSN-451. This course is designed with the purpose of promoting early entry into the workplace for the student through part-time employment. This course requires actual work experience be sought in a business firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned instructor.
Terms Typically Offered: Fall, Spring, and Summer.

BUSN-451 Business Teaching Internship 1-3 Credits
This course may be taken for a maximum of three units in one semester. A maximum of six combined units credit for BUSN-450 and BUSN-451 apply to graduation. A maximum of nine combined units credit for BUSN-432, BUSN-450, and BUSN-451 apply to graduation. May not be enrolled in more than six units per semester between BUSN-432, BUSN-450, and BUSN-451. Assists instructor in preparing coursework, study sessions, and/or planning division events. Regular hours each week for classes, meetings, assistance to instructors.
Terms Typically Offered: Fall and Spring.
BUSN-455C Business Policy and Strategy 3 Credits
Designed to allow the business major the opportunity of integrating the knowledge obtained from accounting, economics, finance, marketing, and organizational management into coherent analytic skills demonstrated through analyzing case studies and engaging in simulations approximating real world business situations. This course fulfills the Core Curriculum Capstone requirement for Business and Management majors.
BUSN-470 Special Topic in Business 1-3 Credits
Study of a special topic in business. May be repeated for credit provided topics are dissimilar.
Terms Typically Offered: On Demand.
BUSN-480 Individual Studies in Business 1-3 Credits
May be repeated for credit provided topics are dissimilar.

## BUSN-490 Seminar: 1-3 Credits

Mutual investigation of one topic in business of particular relevance to upper division majors. May be repeated for credit provided topics are dissimilar.

## Business: InfoSys - SPS (BUIS)

## BUIS-457 Management Information Systems 3 Credits

Introduction to the Fundamentals of computing technology and the knowledge required to sufficiently understand the management of information systems in business organizations. (Formerly BUIS 456 Computing Fundamentals and MIS).

## Chemistry (CHEM)

CHEM-PLHDL2 Physical Chemistry Technique Lab 1 Credit
Prerequisite: CHEM-252 and CHEM-252L
Co-Requisite: Take CHEM-456L for 2 units
Terms Typically Offered: Spring, even years.
CHEM-112C Fundamentals of General, Organic, and Biochemistry I 3 Credits
An introduction to the study of matter and properties. The course surveys in one semester chemical topics such as: atomic theory, periodic trends, measurements and stoichiometry, chemical reactions, reduction and oxidation chemistry, chemical equilibrium, nuclear chemistry acids and bases. This course is designed for students who need a refresher in general chemistry. It also serves as an excellent introductory course for students in the health sciences or as a general science for non-majors. Course fulfills Core education laboratory science requirement. Lecture three hours.
Co-Requisite: Concurrent: CHEM-112CL
Terms Typically Offered: On Demand.

## CHEM-112CL Fundamentals of General, Organic, and Biochemistry I

 Lab 1 CreditA complementary laboratory course to CHEM-112C emphasizing the study of matter and properties. This hands-on course teaches basic techniques used in the chemistry lab. Sample experiments include: separation of compounds, chemical precipitation reactions, oxidationreduction reactions, household chemical qualitative analysis. Laboratory three hours. Lab fee.
Co-Requisite: Concurrent: CHEM-112C
Terms Typically Offered: On Demand.

## CHEM-113 Fundamentals of General, Organic, and Biochemistry I 3 Credits

A continuation of the study of matter and its properties. This course explores the following areas of chemistry: Organic Chemistry and Biochemistry. Topics such as: organic functional groups, basic organic reactions, biomolecular structure, metabolism, protein synthesis, and instrumentation will be covered. This course is designed for students in the health sciences, liberal studies, or as a general science for nonmajors. Lecture three hours.
Prerequisite: CHEM-112C or permission of instructor.
Terms Typically Offered: On Demand.
CHEM-113L Fundamentals of General, Organic, and Biochemistry II Lab 1 Credit
A complementary laboratory course for CHEM 113. This course implements the following experiments: organic synthesis of aspirin or other analgesics, synthesis of esters, separation of compounds using chromatographic techniques, synthesis of organic dyes, combustion of carbohydrates, analysis of proteins and DNA. This course is designed for students in the health sciences, liberal studies, or as a general science for non-majors. Laboratory three hours. Lab fee.
Prerequisite: CHEM-112CL or permission of instructor.
Co-Requisite: CHEM-113
Terms Typically Offered: On Demand.

## CHEM-120 General Chemistry I 3 Credits

Fundamental concepts including chemical reactions, stoichiometry, atomic structure, chemical bonding, changes in state, and the periodic table. Should students not be prepared to succeed in chemistry, it is recommended that students enroll in CHEM-112C and CHEM-112CL. After successful completion of CHEM-112C and CHEM-112CL, the student can re-enter. Three hours lecture per week.
Co-Requisite: CHEM-120L
Pre- or Co-Requisite: CHEM-112C, CHEM-210C or passing score on the ChemistryPlacement Exam.
Terms Typically Offered: Fall and Spring.

## CHEM-120L General Chemistry I Lab 1 Credit

Students will learn introductory laboratory techniques such as
observation, measurement, separations, and identification of reactions.
Experiments will involve concepts including: atomic structure, chemical bonding, changes in state, periodic table, oxidation, kinetics, equilibrium, thermodynamics, and electrochemistry. One 4-hour laboratory session per week. Lab fee.
Prerequisite: CHEM-112CL or CHEM-210CL
Co-Requisite: CHEM-120
Terms Typically Offered: Fall and Spring.

CHEM-121 General Chemistry II 3 Credits
Fundamental concepts including kinetics, equilibrium, thermodynamics, and electrochemistry. Special topics will include nuclear chemistry, transition metal periodicity and coordination compounds. Three hours lecture per week.
Prerequisite: CHEM-120
Co-Requisite: CHEM-121L
Terms Typically Offered: Fall, Spring, and Summer.

## CHEM-121L General Chemistry II Lab 1 Credit

Students will continue their introduction to laboratory techniques including gravimetric and volumetric analysis, neutralization, and catalysis. Experiments will involve the concepts including: atomic structure, chemical bonding, changes in state, periodic table, oxidation, kinetics, equilibrium, thermodynamics, and electrochemistry. One 4-hour laboratory session per week. Lab fee.
Prerequisite: CHEM-120L
Co-Requisite: CHEM-121
Terms Typically Offered: Fall, Spring, and Summer.

## CHEM-210 Integrated Chemistry 4 Credits

This course is designed to give beginning students who have not had prior exposure to chemistry a basic overview in general, organic, and biochemistry. The following topics will be surveyed: matter and energy, atomic theory, stoichiometry, nomenclature, the periodic table, atomic structure, gas liquid and solid states, solutions, nuclear chemistry, functional groups, alkanes, alkenes, alcohols, ethers, aldehydes, ketones, amines, carboxylic acids, lipids, carbohydrates, amino acids, proteins, nucleic acids, metabolism and respiration, photosynthesis, transcription, translation, kinetics, and DNA replication. Upon completion of this integrated chemistry course, the student will have an understanding of basic principles paramount to the study of chemistry, a proficiency with stoichiometry (as it relates to the nursing discipline), writing and interpreting chemical formulas, DNA replication, transcription and translation. In addition, the student should develop an appreciation for the importance of chemistry in other disciplines. (Meets Chemistry requirement for RN to BSN students; meets Science/Lab requirement for Professional Studies students). (School for Professional Studies Course). Terms Typically Offered: Fall and Spring.

## CHEM-210C Integrated Chemistry 4 Credits

This course is designed to give beginning students who have not had prior exposure to chemistry a basic overview in general, organic, and biochemistry. The following topics will be surveyed: matter and energy, atomic theory, stoichiometry, nomenclature, the periodic table, atomic structure, gas liquid and solid states, solutions, nuclear chemistry, functional groups, alkanes, alkenes, alcohols, ethers, aldehydes, ketones, amines, carboxylic acids, lipids, carbohydrates, amino acids, proteins, nucleic acids, metabolism and respiration, photosynthesis, transcription, translation, kinetics, and DNA replication. Upon completion of this integrated chemistry course, the student will have an understanding of basic principles paramount to the study of chemistry, a proficiency with stoichiometry (as it relates to the nursing discipline), writing and interpreting chemical formulas, DNA replication, transcription and translation. In addition, the student should develop an appreciation for the importance of chemistry in other disciplines. Meets the CORE Science Requirement for the traditional undergraduate student when taken with CHEM-201CL.
Co-Requisite: CHEM-210CL
Terms Typically Offered: Fall and Spring.

## CHEM-210CL Integrated Chemistry Laboratory 1 Credit

A complementary laboratory course to CHEM-210C emphasizing the study of matter and properties. This hands-on course teaches basic techniques used in the chemistry lab. Sample experiments include: separation of compounds, chemical precipitation reactions, oxidationreduction reactions, household chemical qualitive analysis. Further, the organic synthesis of aspirin or other analgesics, synthesis of esters, separation of compounds using chromatographic techniques, synthesis of organic dyes, combustion of carbohydrates, analysis of proteins and DNA are performed. This course is designed for students in the health sciences, liberal studies or as a general science for non-majors. This course fulfills the LAB CORE science requirement. Laboratory three hours. Lab fee.
Co-Requisite: CHEM-210
Terms Typically Offered: Fall and Spring.

## CHEM-212 Teaching Chemistry I 2 Credits

This course will cover the design of chemistry laboratory experiments to demonstrate and foster the understanding of important chemical principles. Students will both design experiments and analyze experiments from a standard experimental text to determine which principles the experiment is designed to demonstrate. Particular attention will be paid to issues of safety both in the execution of an experiment and in the determination of its suitability for student involvement. In addition to three hours of lab per week, three mandatory visitations to a 6th-12th grade chemistry class per semester (at a public school) will be required. The students will provide oral and written reports on their experiences in the field visitations. Two semester sequence. Lab fee.
Prerequisite: CHEM-121 and CHEM-121L
Co-Requisite: EDUC-315
Terms Typically Offered: On Demand.

## CHEM-214 Teaching Chemistry II 2 Credits

This course will cover the design of chemistry laboratory experiments to demonstrate and foster the understanding of important chemical principles. Students will both design experiments and analyze experiments from a standard experimental text to determine which principles the experiment is designed to demonstrate. Particular attention will be paid to issues of safety both in the execution of an experiment and in the determination of its suitability for student involvement. In addition to three hours of lab per week, three mandatory visitations to a 6th-12th grade chemistry class per semester (at a public school) will be required. The students will provide oral and written reports on their experiences in the field visitations. Two semester sequence. Lab fee.
Prerequisite: CHEM-121 and CHEM-121L
Co-Requisite: EDUC-315
Terms Typically Offered: On Demand.

## CHEM-252 Analytical Chemistry 3 Credits

The theory of and techniques for calculations pertaining to classical gravimetric and volumetric methods, theory and techniques of separation, and an introduction to instrumental methods. Three hours lecture per week. Offered in alternate years.
Prerequisite: CHEM-120
Co-Requisite: CHEM-252L
Terms Typically Offered: Fall, even years.

## CHEM-252L Analytical Chem Techniques 1 Credit

Laboratory experiments in classical gravimetric and volumetric methods, techniques of separation, and an introduction to instrumental methods. One four-hour laboratory session per week. Lab fee. Offered in alternate years.
Prerequisite: CHEM-120L
Co-Requisite: CHEM-252
Terms Typically Offered: Fall, even years.

## CHEM-304 Organic Chemistry I 3 Credits

This course is designed to introduce students to organic chemistry. The following topics will be covered: bonding and atomic theory, nomenclature, stereochemistry, functional groups, substitution reactions, elimination reactions, and both electrophilic addition and aromatic substitution reactions. Students will develop a mastery of organic functional groups and nomenclature, an understanding of basic organic reaction mechanisms, a familiarity with common organic reactions, and an appreciation for the importance of organic chemistry in other disciplines. The student will be prepared to continue their education in organic chemistry in the sequential course (CHEM-305). Three hours of lecture per week.
Prerequisite: CHEM-121
Co-Requisite: CHEM-304L
Terms Typically Offered: Fall and Summer.

## CHEM-304L Organic Chemistry Techniques I 1 Credit

This is the complementary laboratory course for CHEM-304. This course is designed to develop basic skills and techniques for practical application of the general principles of organic chemistry. The development of a safe approach to lab experimentation will be stressed. Four-hour laboratory session per week. Lab fee.
Prerequisite: CHEM-121L
Co-Requisite: CHEM-304
Terms Typically Offered: Fall and Summer.

## CHEM-305 Organic Chemistry II 3 Credits

This course is designed as a continuation of the study of organic chemistry. Students will be introduced to various topics in organic chemistry including: organic oxidations and reductions, carbonyl chemistry, amines, carboxylic acids and their derivatives, organic mechanisms and various biological molecules and building blocks. Three hours of lecture per week.
Prerequisite: CHEM-304 and CHEM-304L
Co-Requisite: CHEM-305L
Terms Typically Offered: Spring and Summer.

## CHEM-305L Organic Chemistry Technqs II 1 Credit

This is the complementary laboratory course for CHEM-305. This course is designed to develop basic skills and techniques for practical application of the general principles of organic chemistry including identification of unknowns and multi-step synthesis. The development of a safe approach to lab experimentation will be stressed. Four-hour laboratory session per week. Lab fee.
Prerequisite: CHEM-304 and CHEM-304L
Co-Requisite: CHEM-305
Terms Typically Offered: Spring and Summer.

## CHEM-309 Literature and Spectroscopy 2 Credits

This course is designed for transfer students who have previously taken Organic Chemistry 1 and 2 at other institutions. This course introduces basic spectroscopic techniques of organic chemistry and biochemistry: IR, 1D and 2D NMR spectrometry, and MS with some discussion of UV/ visible spectrophotometry. Collection and multi-spectral identification of organic compounds is emphasized. Additionally this course includes a survey of chemical literature and methods of its use with emphasis on locating specific chemical information in primary and secondary literature. One hour of lecture and two hours of lab per week. Lab Fee. Prerequisite: CHEM-304 and CHEM-304L
Terms Typically Offered: On Demand.

## CHEM-325 History \& Philosophy of Science 3 Credits

Study of selected topics in the history and philosophy of science and the application of these principles in analyzing contemporary scientific trends. Especially recommended for liberal studies majors and those planning to teach physical or biological sciences in secondary schools. Three hours of lecture per week.
Prerequisite: BIOL-121 or BIOL-131; CHEM-121; and PSYCI-223C,
PSCI-225, orequivalent.
Terms Typically Offered: On Demand.

## CHEM-430 Biochemistry 3 Credits

This course covers topics at the interface of chemistry and biology with a focus on problems where chemistry has made a particularly strong contribution to the understanding of biological system mechanisms. The chemical reactions important to biology - and the enzymes that catalyze these reactions - are discussed in an integrated format. Topics include: the chemistry and biosynthesis of carbohydrates, proteins and nucleic acids; protein folding; enzyme catalysis; bioenergetics; key reactions of synthesis and catabolism; and chemical aspects of signal transduction. An appreciation for the increasing importance of biochemistry in the chemical sciences will be cultivated. Three hours of lecture per week. Offered in alternate years.
Prerequisite: CHEM-305 and CHEM-305L
Co-Requisite: CHEM-430L
Terms Typically Offered: Fall.

## CHEM-430L Experimental Tech/Biochemistry 1 Credit

This is the complementary laboratory course for CHEM-430. This course is designed to enhance the basic skills and techniques learned in the previous foundational experimental chemistry courses. This course focuses on modern biochemical techniques including the operation of chromatographic and spectroscopic instruments used in the practical application biological chemistry. The development of a safe approach to lab experimentation will be stressed. Four-hour laboratory session per week. Lab fee. Offered in alternate years.
Prerequisite: CHEM-305 and CHEM-305L
Co-Requisite: CHEM-430
Terms Typically Offered: Fall.

## CHEM-435 Advanced Biochemistry 3 Credits

Advanced Biochemistry provides an in depth view of biosynthesis, the biochemistry of muscle action, hormones and their function, active transport, organ interrelationship in metabolism, oncology, the structure of genetic material and replication and expression of DNA. Other topics of interest may be covered. Three hours of lecture per week. Offered in alternate years. Two hours of lecture plus an additional $\sim 6$ hours of online assignments per week.
Prerequisite: CHEM-430
Terms Typically Offered: Spring.

## CHEM-440 Instrumental Analysis 2 Credits

An introduction to modern instrumental chemical analysis. The course will span theory of operation, instrument design and methodology, and applications of instrumental techniques. Electrochemical methods including potentiometry, voltammetry, and coulometry; spectroscopic methods including infrared, UV-Vis, and NMR; chromatographic methods including gas, liquid and thin layer; and thermal methods of analysis and kinetic methods of analysis will be covered.
Prerequisite: CHEM-252
Terms Typically Offered: Fall, odd years.
CHEM-440L Instrumental Analysis Lab 2 Credits
Prerequisite: CHEM-252L
Co-Requisite: CHEM-440
Terms Typically Offered: Fall, odd years.
CHEM-450 UG Research Or Internship Program 1-4 Credits
Prerequisite: Open to juniors and seniors. This course may be taken for a maximum of 4 units in one semester. A maximum of 6 combined units credit for CHEM-450 or CHEM-485 apply to graduation. This course is designed with the purpose of providing students the opportunity to conduct research off-campus at universities or STEM companies in the community. This course promotes early entry into the workplace for the student through part-time employment. This course requires actual work experience be sought in a biotech or STEM-focused business firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned instructor.
Students are responsible for completing a project report and presenting their research results in CHEM-499C.
Prerequisite: CHEM-121
Terms Typically Offered: Fall and Summer.

## CHEM-455 Chemistry Teaching Internship 1-3 Credits

Regular hours each week for classes and/or meetings are established at the beginning of the semester. The intern assists an instructor in planning and conducting a course, and/or laboratory sessions. This course may be taken for 1-3 units per semester. May be repeated for a maximum of six units.
Terms Typically Offered: Fall and Spring.

## CHEM-456 Physical Chemistry: Thermodynamics 2 Credits

Laws, principles and concepts of chemistry concerning the properties of gases, the laws of thermodynamics, the theory and equations of phase changes in both pure and mixed substances, chemical equilibrium, equilibrium electrochemistry. Two hours lecture per week. Offered in alternate years.
Prerequisite: CHEM-121, MATH-181; MATH-281 preferred.
Terms Typically Offered: Fall, odd years.

CHEM-456L Physical Chemistry Technique Lab 1-2 Credits
Prerequisite: CHEM-252 and CHEM-252L
Terms Typically Offered: Spring, even years.
CHEM-457 Physical Chemistry: Kinetics 2 Credits
Laws, principles and concepts of chemistry concerning molecular motion and diffusion, both classical and molecular chemical kinetics, and introductory statistical mechanics. Two hours lecture per week. Offered in alternate years.
Prerequisite: CHEM-121, Math-181; MATH-281 preferred.
Terms Typically Offered: Spring, even years.
CHEM-458 Physical Chemistry: Quantum Mechanics 2 Credits Laws, principles, and concepts of chemistry concerning: quantum mechanics; quantum properties of atoms and molecules; symmetry of molecules; rotational, vibrational, electronic, and magnetic (nuclear) spectroscopy and introductory statistical mechanics. Two hours lecture per week. Offered in alternate years.
Prerequisite: CHEM-457, MATH-281
Terms Typically Offered: Spring, even years.
CHEM-470 Special Topic: 1-4 Credits
Study in a special topic in chemistry. May be repeated for credit. May have a lab fee. Topics may include advanced inorganic chemistry, rates and mechanisms in organic chemistry, synthetic methods in organic chemistry, or other advanced topics.
Terms Typically Offered: On Demand.
CHEM-480 Individual Studies: 1-4 Credits
Terms Typically Offered: On Demand.

## CHEM-485 Undergraduate Research 1-4 Credits

Problems in advanced laboratory research with emphasis on research techniques. Research is carried out under the supervision of the instructor with weekly conferences to discuss results and direction. Emphasis will be placed on project management, safety, instrumentation, solution preparation, and research documentation skills. A written proposal and report emphasizing the literature background of the problem and the experimental results are required. The results of the research project will also be presented in an oral format in CHEM-499C. This course is a variable credit course. At least two units are required for all chemistry and biochemistry majors. A minimum of 50 hours of laboratory work is required per unit. May be repeated. Lab fee. Terms Typically Offered: Fall and Summer.

## CHEM-488 Chemistry Senior Project 2 Credits

An advanced course providing the opportunity for a student to create a novel and independent intellectual work by comparing, contrasting, and synthesizing recent research and his/her cumulative knowledge and understanding in Chemistry. The precise nature, scope and format of the project must be developed and approved under the guidance of the instructor and in collaboration with the student's academic advisor. Senior projects are typically initiated in the Fall. The project results must also be presented in CHEM-499C. Lab fee.

## CHEM-499C Chemistry Capstone Seminar 2 Credits

This course includes a senior thesis covering an approved research topic, analysis and evaluation of current research in chemistry, and the integration of faith and the chemical sciences. An oral presentation of the senior thesis in a classroom setting is required. In-class presentations by faculty and guests are part of the course. Laboratory research in an on-campus research program or an approved off-campus research program may be required for the senior thesis. This course fulfills the Core Curriculum Capstone requirement for Chemistry majors. Terms Typically Offered: Spring.

## Christian Formation Studies (CFST)

## CFST-101 Intro/Chrstn Formtn/Discplshp 2 Credits

An examination of the theology, philosophy and practice of spiritual formation and discipleship. Special attention will be given to the nature, processes, and goals of Christian formation ministries in the local church. Offered every fall.
Prerequisite: NT-101C, OT-201C
Terms Typically Offered: Fall.

## CFST-291 Special Topic: 1 Credit

Study in a special topic in philosophy. May be repeated for credit.
CFST-292 Special Topic: 2 Credits
Study in a special topic in philosophy. May be repeated for credit.

## CFST-293 Special Topic: 3 Credits

Study in a special topic in philosophy. May be repeated for credit.

## CFST-322 Christn Formation of Children 2 Credits

A study of the developmental needs, skills, and abilities of children as they pertain to spiritual formation. Consideration will also be given to moral and value formation, socialization, and self-esteem development.

## Prerequisite: CFST-101

## CFST-326 Adult Formation/Discipleship 2 Credits

A study of the educational, discipleship, and developmental needs of adults pertinent to an effective formation ministry in the local church. Prerequisite: CFST-101
Terms Typically Offered: Fall.

## CFST-470 Special Topic: 1-3 Credits

Study in a special topic in the field of Christian formation and discipleship. May be repeated for credit.
CFST-480 Ind Studies: 1-3 Credits
May be repeated for credit.

## Church History (CHIS)

## CHIS-340 Late Roman-Byzantine Empire 3 Credits

Beginning in the late third century, this course covers the major people, places, events, and movements of the Roman Empire until its destruction by the Ottoman Turks in 1453. Emphasizes the life and beliefs of the Orthodox Church and its relationship to Western Christianity. This course is housed in the Department of Religion and is accepted as a HIST upper division elective for the History/ Political Science major.

CHIS-400C Christian Heritage 3 Credits
This course explores our Christian heritage, showing how the community of believers has evolved over time, from the timeless creeds developed in the early Christian era, to the split between Rome and Eastern Orthodoxy, to the Protestant Reformation and the proliferation of denominations down to the twentieth century. The recent period highlights the rise of Pentecostalism and its place in the past century, the increasingly global sweep of the Church, and the relative decline of the European role in Christianity. The last section deals with the challenges and prospects of the twenty-first century and the roles available to our students.

## CHIS-400H Christian Heritage 3 Credits

This course explores our Christian heritage, showing how the community of believers has evolved over time, from the timeless creeds developed in the early Christian era, to the split between Rome and Eastern Orthodoxy, to the Protestant Reformation and the proliferation of denominations down to the twentieth century. The recent period highlights the rise of Pentecostalism and its place in the past century, the increasingly global sweep of the Church, and the relative decline of the European role in Christianity. The last section deals with the challenges and prospects of the twenty-first century and the roles available to our students.
CHIS-420 History of Pentecostalism 3 Credits
Antecedents, Wesleyan and nineteenth-century holiness backgrounds; origin, development, and varieties of traditional Pentecostalism; some attention to the neo-Pentecostal or charismatic movement. Course may include field trips to significant Southern California sites. This course is housed in the Department of Religion and is accepted as a HIST upper division elective for the History/ Political Science major.
Terms Typically Offered: Spring.
CHIS-451 Renaissance \& Reformation 3 Credits
The transition from medieval to modern civilization, emphasizing those forces and persons which brought about change in Europe's intellectual and religious outlook.
CHIS-470 Special Topic: 1-3 Credits
Study of a special topic in church history. May be repeated for credit.
CHIS-480 Individual Studies: 1-3 Credits
May be repeated for credit.
CHIS-490 Seminar. 3 Credits
Mutual investigation of one topic in church history of particular relevance to upper division religion majors. May be repeated for credit.

## Church Leadership Graduate (CLSG)

CLSG-502 Intro/Grad Stud/Ldrsh/Hisp Pas 3 Credits
CLSG-505 Intro/Church Ldrshp Studies 4 Credits
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-508 Foundations/Leadership Studies 3 Credits Terms Typically Offered: Fall and Spring.
CLSG-515 Church/Contemp. Moral Issues 3 Credits Terms Typically Offered: Fall.
CLSG-518 Church Leadership Mgt Theory 3 Credits Terms Typically Offered: Fall.
CLSG-519 Crit Thinking/Writing/Minister 3 Credits
CLSG-520 System Anal/Church Organiz 3 Credits

CLSG-521 Disciplines of Spiritual Life 3 Credits
CLSG-522 Conflict Management 3 Credits
Terms Typically Offered: Spring.
CLSG-523 Sociology of Religion 3 Credits
CLSG-524 Pentecost-Charismat Mvmnts 3 Credits
CLSG-525 Prin/Church Revitzn/Grth 3 Credits Terms Typically Offered: Fall.
CLSG-526 Small Group Ministry 3 Credits Terms Typically Offered: Fall and Spring.
CLSG-528 Current Issues/Latin America 3 Credits Terms Typically Offered: Fall.
CLSG-530 Adv. Pastoral Counseling 3 Credits Terms Typically Offered: Fall and Spring.
CLSG-532 History of Pentecostalism 3 Credits Terms Typically Offered: Spring.
CLSG-535 Issues/Pastoral Leadership 3 Credits Terms Typically Offered: Fall and Spring.
CLSG-538 Church Financial Admin. 3 Credits Terms Typically Offered: Spring.
CLSG-545 Lay Ministry Development 3 Credits Terms Typically Offered: Fall and Spring.
CLSG-546 Parables for Preaching 3 Credits Terms Typically Offered: Fall.
CLSG-550 Independent Study/Church Ldshp 1-3 Credits Terms Typically Offered: Fall and Spring.
CLSG-554 Prin/Meth/Inter-Cult. Ministry 3 Credits
Terms Typically Offered: Spring.
CLSG-555 Theol Educ/3rd World 3 Credits
Terms Typically Offered: Summer.
CLSG-556 Current Issues/Youth Ministry 3 Credits Terms Typically Offered: Spring.
CLSG-557 Church Growth 3 Credits
CLSG-564 Religion/Culture/Latin America 3 Credits
Terms Typically Offered: Fall.
CLSG-565 Leadership Dev/Cultr Context 3 Credits
Terms Typically Offered: Summer.
CLSG-566 Introduction to Judaism 4 Credits
Terms Typically Offered: Spring.
CLSG-570 Special Topic: 1-3 Credits
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-585 Current Issues in Missiology 3 Credits Terms Typically Offered: Fall.
CLSG-586 Relign,Crisis/Change/Latin Am 2-4 Credits Terms Typically Offered: Fall.
CLSG-601 History of Spirituality 3 Credits
An exploration of Spirituality throughout church history that includes examples from Orthodox, Roman Catholic, Protestant (including Pentecostal) traditions.
Terms Typically Offered: Spring and Summer.

CLSG-605 Church/Theology Perspective 3 Credits
Terms Typically Offered: Fall.

## CLSG-606 Spiritual Formation 3 Credits

An examination of the theological foundation for spiritual formation and an exploration of the spiritual practices as a means of grace for personal growth, communal spirituality, and faithful service.
Terms Typically Offered: Spring and Summer.

## CLSG-607 Spiritual Direction 3 Credits

The course introduces and develops foundational understandings and resources necessary to explore the practice of spiritual direction, and seeks to assist persons in discerning the ways that God is present and at work in their lives.
Terms Typically Offered: Fall and Summer.
CLSG-610 Appreciative Inquiry 3 Credits
CLSG-611 Leadership and the New Science 3 Credits
Terms Typically Offered: Fall and Spring.
CLSG-612 Hispanic Pentecostal Ch History/in US 3 Credits
This course is a graduate level study of the history and theology of the Hispanic Pentecostal Church in the United States. A particular focus will be on the development of the Hispanic Pentecostal Church following the Azusa Street Revivial in downtown Los Angeles, with special attention to spirituality, social engagement, and culture.

## CLSG-613 Hisp Ch Leadership/Contemporary Context 3 Credits

 The Hispanic Church Leadreship in a Contemporary Context focuses on the development of church leaders in the Hispanic community. Technology and socio-political shifts have contributed to a redefinition of the needs and expectations of a new generation of Hispanic leaders and their congregations. The course uses the lens of anthropology, history, sociology, psychology and theology to examine the constructs of Hispanic church leadership in contemporary context.
## CLSG-614 Indentity/Culture/Social/Hispanic Comm 3 Credits

The Identity, Culture and Social Engagement in the Hispanic Community course provides a theological exploration of human identity rooted in the doctrine of God and current trends in identity development. It engages Hispanic identity and the emerging cultural and social practices as well as challenges within the evolution of the Hispanic Pentecosta church context.

CLSG-615 Church/Contemp Moral Issues 3 Credits Terms Typically Offered: Spring and Summer.

CLSG-618 Church Leadership Mgt. Theory 3 Credits Terms Typically Offered: Spring.
CLSG-620 Change in Christian Organiztns 3 Credits Terms Typically Offered: Summer.
CLSG-621 Mission/Mrktg/Chrstn Organiztn 3 Credits
Terms Typically Offered: Spring and Summer.
CLSG-622 Team Development and Conflict Management 3 Credits Terms Typically Offered: Fall and Spring.

CLSG-623 Marketing in Christian Organzt 3 Credits
Terms Typically Offered: Summer.

CLSG-624 Change and Strategic Planning 3 Credits
An examination of change within congregations and religious organizations with a view toward understanding systematically the relationship between the organization and its environment. Alternate strategic planning, problem solving and program evaluation models will be explored in light of intentional mission and ministry.
Terms Typically Offered: Summer.
CLSG-625 Prin/Church Revitzn \& Renewal 3 Credits
Terms Typically Offered: Fall and Summer.
CLSG-626 Soul and Spirit of the Leader 3 Credits
Terms Typically Offered: Fall and Spring.
CLSG-627 New Forms of Preaching in a Postmodern World 3 Credits Terms Typically Offered: Fall.

CLSG-630 Pastoral Counseling/Chrstn Org 3 Credits
Terms Typically Offered: Fall.
CLSG-632 Team Development \& Conflict Management 3 Credits
An exploration of team development and conflict management in relation to leadership effectiveness with an emphasis on team dynamics, the nature of conflict, and strategies of assessment and intervention.
Terms Typically Offered: Spring and Summer.
CLSG-633 Theo/Ethical Response/Woman-Justice 3 Credits
This course is a graduate level study of the biblical foundaiton and ethical response for addressing women and justice issues across the lifespan. Of particular focus will be the role of the Christian leader in cultivating a community where injustice and violence against women and girls cannot survive and that impacts their surrounding society.

CLSG-634 A Biblical Theology/Women and Leadership 3 Credits
This course is a graduate level study of the biblical foundations for contemporary Evangelical views on the roles of women, particularly as they pertain to women in leadership within community life as family, church and the larger society.
CLSG-635 Iss/Pastoral Leadership 3 Credits
Terms Typically Offered: Spring and Summer.
CLSG-636 A Biblical Response/Human Trafficking 3 Credits
This course is a graduate level study of the role of the Church in combatting human trafficking and family violence. A particular focus will be an integration of salt and light biblical mission with a professional integrity that values expertise and education, practices advocacy with grace, and promotes collaboration to build hope for the widow and the orphan.

## CLSG-638 Leadership/Global Issues 3 Credits

This course focuses on leadership in global and intercultural contexts with an emphasis on the interdisciplinary and interlocking themes of culture, theology and the church. The course explores dimensions of social and organizational identities and examines how cultural perspective impacts both theology and practice. Cultural competence across a range of domains equips leaders to be relevant and innovative in theological reflection and ministry practices.
Terms Typically Offered: Fall and Spring.
CLSG-642 Soul Care of Others 3 Credits
A practical and theological exploration of the nature of the soul and of soul care, and the partnering relationship between pastoral care and other forms of counseling.
Terms Typically Offered: Fall and Summer.

## CLSG-645 Contem Iss/Wrldwd Pentec Ldrsh 3 Credits

CLSG-646 Leadership/Character Developmt 3 Credits
This course examines how character development and spirituality can enable leaders to become more authentic in their working relationships and more effective as transformational leaders through their organizations.
Terms Typically Offered: Fall and Spring.
CLSG-650 Indep Studies/Church Leadershp 1-4 Credits
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-655 Theo/Educ/Third World 3 Credits
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-665 Leadership Dev/Cultr Context 3 Credits
Terms Typically Offered: Summer.
CLSG-670 Special Topic: 1-3 Credits
Study in a special topic in leadership studies.
Terms Typically Offered: Fall, Spring, and Summer.

## CLSG-680 Ind Study: Leadership Studies 1-3 Credits

An individualized study initiated by the student who must develop a written prospectus of the proposed study and secure an appropriate sponsoring faculty member to supervise and evaluate the study. Up to a maximum of three units may be applied toward the degree requirements. Terms Typically Offered: Fall and Spring.

CLSG-690 Seminar in Leadership Studies 1-3 Credits
Mutual investigation of one topic in cross-cultural ministry of particular relevance to graduate students in leadership studies.
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-705 Church/Theol Perspective 3 Credits
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-710 Mission/Culture in Theo Persp 3 Credits
This interdisciplinary study, integrating theology and praxis, seeks to develop a theology of mission based on the premise that the unifying theme of Scripture is embodied in the concept of the Kingdom of God introduced in the Old Testament, fulfilled in the ministry of Jesus Christ in the New Testament, and demonstrated to the world through the life and actions of a believing community empowered by the Holy Spirit.
Terms Typically Offered: Fall and Summer.

## CLSG-715 Church/Contemporary Moral Issues 3 Credits

This course aims to develop a constructive Christian ethic as a basis from which to address the moral problems confronting leaders in the contemporary church. The course explores the relationship between theological reflection and ethical thinking and examines how cultural perspective and context impact ethical decision-making.
Terms Typically Offered: Fall and Spring.

## CLSG-720 Theology/Theory of Leadership 3 Credits

An examination of leadership, including theological and theoretical frameworks, that will enable students to assess their own mental models and inform their leadership practices in organizational settings. Terms Typically Offered: Fall and Spring.

## CLSG-741 Expository Preaching 3 Credits

Building on coursework in either Old or New Testament Interpretation, this course teaches the development of a biblical text and the practical delivery of a sermon. While focused primarily on expository preaching, narrative and topical sermon structures will also be explored.
Terms Typically Offered: Summer.

CLSG-750 Capstone Project 3 Credits
This course serves as a capstone for the Masters of Arts in Leadership Studies (MALS) program, in which the student integrates personal program experience with an investigation in one of the folloiwng options: a directed reading, action research, or a directed research.
Terms Typically Offered: Fall, Spring, and Summer.
CLSG-780 Ind. Stud: 1-3 Credits
Terms Typically Offered: Spring.

## Communication (COMM)

## COMM-125 Introduction to Filmmaking 1 Credit

An introduction to basic filmmaking terminology, processes, equipment, and roles. This course will largely take place online through guided reading, videos and interactive assignments. The course will also include an in-person, hands-on workshop that will introduce students to the facilities, resources and guidelines for making films at Vanguard.

## COMM-130 Introduction to Communication 3 Credits

Provides students with a general survey of the discipline of communication. Students will engage with various aspects of the discipline including: intrapersonal, interpersonal, small group, organizational, cultural, rhetorical, visual, and technologically-mediated communication.

COMM-201 Speech Composition and Presentation 3 Credits
This course is designed to provide the student with a general working knowledge of the fundamentals of speech communication. General requirements for speech preparation, composition and presentation will be covered. A foundation will be established upon which further speech development may transpire. Lab fee. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## COMM-201C Speech Composition and Presentation 3 Credits

This course is designed to provide the student with a general working knowledge of the fundamentals of speech communication. General requirements for speech preparation, composition and presentation will be covered. A foundation will be established upon which further speech development may transpire. Lab fee.
Terms Typically Offered: Fall and Spring.

## COMM-212 History of Communication Studies 3 Credits

This course is on teach out. A historical and interdisciplinary analysis of the development of communication and arts theories, concepts and practices from the classical rhetorical tradition to the present.

## COMM-220 Elements of Storytelling 3 Credits

An introduction to story structure, this course focuses on envisioning story ideas and developing those ideas into written formats for the screen and other mediums.

COMM-222 Photography 3 Credits
Students will gain an understanding of composition and aesthetics as well as technical aspects of photography in the digital world. Lab Fee. Terms Typically Offered: Fall.

## COMM-229 Intermediate Filmmaking Production 3 Credits

A hands-on engagement with the filmmaking process, including preproduction, single camera operation, basic non-linear editing, field recording, and post-production sound. This class includes lectures, screenings, and technical exercises. (Formerly Foundations of Audio \& Video Production, 2018)
Prerequisite: COMM-125
Terms Typically Offered: Fall and Spring.

## COMM-230 Ethics in Film 3 Credits

Through in-class screenings, intensive class discussion and related readings, this course will examine films whose themes strongly concern the depiction of ethical and moral choice. This course will discuss the ways in which filmmakers create meaningful ethical dilemmas; how the characters' choices are portrayed; and how these portrayals may influence our own formulation of value systems and ethical choices. Meets a Humanities/Fine Arts requirement. (School for Professional Studies Course).

## COMM-235 Introduction to Journalism 3 Credits

Fundamentals of news reporting, including interviewing, quoting, paraphrasing, inverted triangle, and sourcing stories. Students are introduced to multiple journalism genres, including: news stories, opinions, features, profiles, and reviews.
Prerequisite: ENGL-120C
Terms Typically Offered: Fall and Spring.

## COMM-258 Christianity and Artistic Culture 3 Credits

Combines film screening, critical analysis and theory to enable students to examine morality, ethics and screen portrayals pertaining to Christianity, gender, and ethnicity. The aim is to motivate students toward personal accountability and responsibility, as well as creative refinement and sophistication when producing media content.
Terms Typically Offered: Fall and Spring.

## COMM-273 Visual Technology 3 Credits

An introduction to the technological necessities of the Communication major. This course equips the student for future communication classes regardless of concentration or emphasis. Lab Fee.
Terms Typically Offered: Fall and Spring.

## COMM-290 Intro to Interpersonal Communication 3 Credits

The primary elements of the communication process as it occurs between two persons in everyday settings. Among the topics considered are: language and meaning, nonverbal communication, person perception, and self-concept. This course does not fulfill a core curriculum requirement.(School for Professional Studies Course). Terms Typically Offered: Fall and Spring.

## COMM-291 Special Topic: 1 Credit

Study of a special topic in communication. May be repeated for credit.

## COMM-292 Special Topic: 2 Credits

Study of a special topic in communication. May be repeated for credit.

## COMM-293 Special Topic: 3 Credits

Study of a special topic in communication. May be repeated for credit.

## COMM-297 Comm. Research Methods 3 Credits

This class will provide an overview of the concepts, methods, and tools bywhich communication research is designed, conducted, interpreted, and critically evaluated. In this course students will learn to become knowledgeable consumers and producers of communicationresearch through developing skills in gathering, organizing, interpreting and presenting research information.

## COMM-305 Communication Theory 3 Credits

Theories help us to make sense of the world around us. Some theories are "grand" (think ideologies or schools of thought) while others are narrower in focus (think particular economic or scientific theories - like the theory of relativity). But regardless of their scope, all theories shape how we make judgments about reality, relationships, circumstances, and decisions in our lives. This course int roduces you to theories of communication, both large and small, with the goal of applying them to your life and better equipping you to make sense of the communicative aspects of your world. This course serves an introduction to theories in communication. It provides you with a broad overview of various theories and theoretical approaches employed in the study of communication. Emphasis will be placed on theoretical schools of thought within the discipline, and on many levels of interaction from interpersonal and intercultural to mass and mediated communication. The course also explores how and why communication theories are developed, how they can be evaluated, and how they are applicable in our daily lives.
Prerequisite: MATH-265C, SOC-265C, or PSYC-265C
Terms Typically Offered: Fall.

## COMM-306 Writing for Film and New Media 3 Credits

The course will serve as an introduction to the art and craft of screenwriting. Students will learn proper screenplay format, story structure, plot, characterization and other important elements of narrative storytelling. The course focuses on the short form and students will be required to write three, complete and polished short screenplays, utilizing the above skills.
Prerequisite: COMM-220
Terms Typically Offered: Spring.

## COMM-309 Graphic Design 3 Credits

This course will serve as an introduction to the theory and practice of graphic design. Students will learn to incorporate research, illustrations, and other graphics necessary to complete visuals, and then present results individually and as a group. Provides practical experience in essential studio techniques and technology, with an emphasis on Adobe CC applications, color theory and psychology, and typography. This course is helpful in building visual literacy, expanding conceptual and technical skills, and improving creative problem solving.
Prerequisite: COMM-273
Terms Typically Offered: Fall.

## COMM-314 Mythology in Film 3 Credits

Students will gain an understanding of how ancient mythology from the Greeks and Romans provides a vast set of stories, themes, and symbols encountered time and time again in film.
Terms Typically Offered: Fall.

COMM-317 Creative Process-Theory and Practice 3 Credits
This course will consider the theory and practice of creative communication. It will focus on creative problem-solving strategies and on sharpening communication skills to stimulate higher levels of creativity.
Terms Typically Offered: Spring.

## COMM-318 Nonverbal Communication 3 Credits

This course will serve as an introduction to nonverbal communication in everyday interaction. That includes the scholarship and research supporting our understanding of nonverbal communication to improve the student's knowledge as a communication expert. Aspects of body movement, facial expressions, eye behavior, physical appearance, voice, touch, space, smell, time and environmental features will be examined. Emphasis will also be placed on the intercultural dimension of nonverbal communication.
Terms Typically Offered: Spring.

## COMM-319 Publications: Newspaper 1-3 Credits

Members of the class constitute the editorial staff of the college newspaper. Class meets weekly for critique on news reporting, writing, editing, makeup, and production of the campus newspaper. May be repeated for a maximum of six units.
Prerequisite: ENGL-235;
Terms Typically Offered: Fall and Spring.

## COMM-333 Small Group Leadership 3 Credits

Study of the research into and theory of small group dynamics, particularly leadership. Exercises in problem solving in small groups. Study of conflict management.
Terms Typically Offered: Fall.

## COMM-345 Communication Across Cultures 3 Credits

This course is designed to develop an understanding of the process of communication across global cultural boundaries. Students will be introduced to the concepts, characteristics, and elements of culture along with the "deep structures" of culture which includes cultural views on family, religion (worldview), history, values, and identity. Special attention will also be paid to applying intercultural communication skills within the contexts of business, education, healthcare, and the Church. Overall, emphasis will be on developing students' intercultural communication competency through in-class instruction and real-world experiential learning opportunities.

## COMM-362 Contemporary Issues in Public Discourse 3 Credits

Critical analysis of the rhetorical nature of various forms of religious political and social issues communication found in contemporary American society. Topics include: Current evangelistic movements, religious personalities, political communication in modern presidential administrations, political personalities, abortion, and euthanasia rhetoric.

## COMM-364 Organizational Communication 3 Credits

This course examines the inter-relationships between management and communication theories. The microsystems and macrosystems within an organization are emphasized in terms of intrapersonal, interpersonal, small group and organizational communication theories.
Terms Typically Offered: Fall.

## COMM-374 Communication, Gender and Culture 3 Credits

This course aims to examine the intersection of communication, gender and culture in our everyday lives. It will provide students with an understanding of how gender is a socially constructed and cultural phenomenon that impacts the way we communicate. The course will also explore the complex relationships among men, women and communication from theoretical and practical perspectives. Differences in the communication patterns of men and women will be studied in a variety of practical contexts such as in business, education and relationships.

## COMM-375 Television Studio Production 3 Credits

Students will learn the history of televised media. Using concepts from this foundational knowledge, students will work together to produce a 30 minute studio drama or news program for broadcast. Lab Fee.
Prerequisite: COMM-229
Terms Typically Offered: Spring.

## COMM-376 Communication, Race and Ethnicity 3 Credits

This course explores the complicated and multidimensional relationship between race, ethnicity, culture, and communication in American society. Specific attention will be placed on understanding one's own racial/ ethnic identity, as well as those of other groups. The course will cover various foundations of interracial communication including topics such as language, identity, history, cultural influences, and theories and will draw on this foundation to discuss interracial communication in several contexts (i.e., interpersonal relationships, organizations/business, religion/the Church, healthcare, mass and social media, etc.). Emphasis will be placed on engaging students in experiential learning opportunities. Terms Typically Offered: Spring.

## COMM-378 PR: Corp Comm, Information, and Mgmt 3 Credits

This course examines the management and control of information within a corporate body. Students will deal with single concepts, such as shaping and producing highly focused advertisement, press releases, fact sheets, backgrounders, etc. Students will be expected to create and present detailed approximations of final, printed projects sufficiently clear and detailed as to convince a client of the viability of the various solutions.
Terms Typically Offered: Fall.

## COMM-380 PR: Corp Comm, Projects, and Campaigns 3 Credits

This course examines corporate projects and campaigns. Students will deal with complex issues and the development of crisis management responses, delta management, downsizing, marketing strategies, new product roll-outs, and customer-employee communication.
Prerequisite: COMM-378
Terms Typically Offered: Spring.

## COMM-381 Photojournalism 3 Credits

This course is designed as an introduction to photojournalism and its basic principles. Students will be introduced to concepts, practice and techniques used to communicate and story tell through photography. Areas of photojournalism explored will include new features, sports, portraits and documentary photo stories. Personal ethics consideration will also be discussed. Emphasis will be placed on photography as a means of communication and personal expression including: composition, aesthetics, lighting (natural and artificial), conceptual content, critical evaluation, and historical perspectives.
Prerequisite: COMM-222 or permission of instructor
Terms Typically Offered: Spring.

## COMM-382 Cinema Technology Series 1-2 Credits

This course focuses on specific technical skills for filmmaking. Students may ask their advisor for the topic of the course during registration for each semester it is offered. May be repeated for a maximum of 4 units. Lab Fee.
Terms Typically Offered: On Demand.

## COMM-385 New Media Production 3 Credits

The course will examine the field of new media production and platforms, from YouTube to Apple to Glitch. Students will gain experience with emerging storytelling formats, such as webisodes, podcasts, and content for mobile applications. Students will collaboratively produce an audio podcast and a narrative or documentary webisode.
Prerequisite: COMM-229
Terms Typically Offered: Spring.

## COMM-386 Music Video Production 3 Credits

This course focuses on the exciting craft of creating music videos with an artist/band. Individually and within a group setting, students will create three music videos that add artistry and flavor to a song/music. The class will push the boundaries of creative filmmaking and learn to collaborate with others to utilize narrative, documentary and experimental film techniques to tell a story. Students will also explore the social and historical aspects of the music video as an art form.
Prerequisite: COMM-229
Terms Typically Offered: Fall.

## COMM-387 Postproduction 3 Credits

This course will explore the post-production process for film and video, with an emphasis on specific skill sets and roles in this ever-evolving landscape. Topics include: post-production workflows, non-linear editing; the impact of sound-from music to effects; and color correction.
Prerequisite: COMM-229
Terms Typically Offered: Spring.

## COMM-388 Visual Storytelling: Narrative 3 Credits

Students will learn fundamentals in the art of narrative film production. This course provides students experience with the entirety of the filmmaking process from story/script development through postproduction, culminating in a short film project.
Prerequisite: COMM-229

## COMM-389 Visual Storytelling: Documentary 3 Credits

Students will learn fundamentals in the art of documentary film production including camera frame choices, the interview process, and choosing subjects wisely. Students will take projects through production and into post-production adding lower thirds and learning documentary editing technique. Lab fee.
Terms Typically Offered: Spring.

## COMM-393 History of Communication 3 Credits

This course will be a comprehensive review of the development and evolution of human communication technology from stone age symbols to social media. The impact and influence of communication technology on human civilization will also be discussed.

## COMM-394 Health Communication 3 Credits

The purpose of this course is to develop a greater understanding of health communication concepts, theories, research methods, cases, and other practices and their application to real-world health issues and problems. In this course, students will gain an understanding of the field of health communication; learn about health communication approaches across a wide variety of contexts-interpersonal (patient-caregiver), organizational (patient advocacy, hospital education, HR, hospital administration, public policy), mediated (PR, marketing, social media, public health campaigns); and explore the various career opportunities in health communication. Students will develop an area of interest for research and further application in their major.
Terms Typically Offered: Fall.

## COMM-395 Sports Media 3 Credits

This course introduces students to a range of professional settings and opportunities related to sports media. Students will learn the fundamentals of gathering, organizing, evaluating and creating sports information in accepted professional style across a wide range of forms of sports media content platforms; these may include but not be limited to print, broadcast, video, interviews and social media. This course will also provide student with a conceptual, strategic, and technical understanding of the operation and business of sports communications at all levels of sports.
Prerequisite: Take ENGL-235 COMM-125
Terms Typically Offered: Spring.

## COMM-401 Graphic Design II 3 Credits

This course is a continuation of Graphic Design I and provide hands-on exposure to a variety of complex visual design problems. Students will be exposed to advanced design tools and techniques within Adobe CC Photoshop and Illustrator. In addition, students will incorporate their designs into Adobe CC InDesign to create multi-page layouts in order to solve client needs. Students develop strengths in conceptual thinking and formal experimentation. students are encouraged to develop languages of design that reflect their own artistic and cultural identities while communicating to various audiences.
Prerequisite: Take COMM-309
Terms Typically Offered: Spring.

## COMM-402 Family Communication 3 Credits

This course is on teach out. This course is designed to provide the student with an upper division, theoretically founded knowledge of family communication. Through the use of the text, lecture, library research and occasional film viewings we will undertake the study of the hows and the ways of family communication. Must have junior or senior standing to register for this course.

## COMM-404 Social Media 2 Credits

A hands-on primer to current trends in social technology. Students will experiment with a variety of popular and emerging social technologies and learn how to communicate through these tools to changing and diverse audiences.
Prerequisite: COMM-273;
Terms Typically Offered: Spring.

## COMM-411 Mobile and Web Development 2 Credits

A practical introduction to mobile and web development. Students will learn fundamental terminology and processes, how to create basic websites and apps through existing tools and how to tailor communication for this visual medium.
Prerequisite: COMM-273

## COMM-412 Computer Mediated Communication 2 Credits

A practical introduction to current methods of computer-mediated communication in professional contexts. Students will learn how to use tools that create webinars, videoconferencing events, live-streaming, augmented reality experiences, virtual reality experiences and other technologies used in marketing, public relations and related fields.

## Prerequisite: COMM-273

Terms Typically Offered: Fall.

## COMM-413 Preparing for Post Graduation 1 Credit

This course enables students in any undergraduate major to determine actionable and measurable goals to achieve success after graduation.
Topics include: networking, job hunting, personal finances, and long-term planning. The course is a hybrid of self-guided online workshops and face-to-face small group discussion.
Terms Typically Offered: Fall and Spring.

## COMM-417 Professional Communication 2 Credits

This class will examine how to write and speak as a professional to professionals, with a focus on business settings, meetings, interviews and presentations. Must have achieved a " C " or better in COMM-201C
Prerequisite: COMM-201C, COMM-273
Terms Typically Offered: Fall.
COMM-418 Knowledge Management and Data Interpretation 2 Credits This course provides students with a general background in strategic communication research. Students will be introduced to methods such as interviewing, focus groups, and survey writing. In addition, students will learn how to use industry research tools, find and interpret existing studies and data, and use data effectively to achieve communication goals.
Terms Typically Offered: Spring.

## COMM-419 Digital Advocacy 2 Credits

This course takes a hands-on approach to learning how to effectively utilize digital platforms when launching and sustaining a non-profit organization or social enterprise. Students will learn best practices and strategies for creating an engaged audience who helps to champion an issue, cause or brand.
Terms Typically Offered: Fall.

## comm-443 Crisis Communication 3 Credits

In a world of instant news and social media, organizations must be prepared to respond to crises quickly and strategically. This course focuses on crisis communication and management, emphasizing practical application of theories, strategies, and tactics from a public relations perspective.
Terms Typically Offered: Spring.

## COMM-444 Argumentation \& Debate 3 Credits

This course is on teach out. Study of the theory and principles of argumentation and debate. Analysis of lines of argumentation found in the contemporary social, political, and religious scenes. Study of techniques of debating.

## COMM-445 Persuasion 3 Credits

Study of the research and theory of persuasion. Presentation of several persuasive speeches.
Terms Typically Offered: Spring.

## COMM-446 Health Lit. \& Communication 3 Credits

This course will explore health literacy and its relationship to health outcomes, especially in vulnerable or at-risk populations. It will engage health communication as an applied approach to reduce health disparities, in the local and global context. The course will examine how strategically designed and culturally sensitive communication programs, practices, and policies can be used to enhance health outcomes. Students will learn to evaluate the effectiveness of health communication programs, design appropriate health communication interventions, and to use communication effectively to improve health outcomes. A particular emphasis will be placed on the use of media to communicate and educate.
Terms Typically Offered: Spring.

## COMM-450 Internship 1-6 Credits

Must have consent of instructor and Department chair. Must be a communication major. Students may seek a position which relates to their major with a cooperating business in the communication industry. Students are required to work fifty hours for each academic unit hour received. A weekly report to the supervising professor is required. May be repeated for a maximum of six units.
Terms Typically Offered: Spring.

## COMM-452 Relational Communication 3 Credits

This course is designed to help you communicate confidently and competently in all your interpersonal relationships (e.g., romantic, friendship, family, coworker, and business relationships) and to introduce you to the examination, analysis, and application of theories and concepts of relational communication. The course will be organized around three general)topic areas: (1) developing relationships, (2) maintaining satisfying relationships, and (3) coping with relational challenges over time.
Prerequisite: COMM-290
Terms Typically Offered: Spring.

## COMM-454 Sports Media Practicum 1-3 Credits

An experiential learning course that provides students with the opportunity to gain practical experience in sports media content creation. Course requirements are developed and supervised by University Athletics in collaboration with faculty in the department of Communication. Students will develop a portfolio of professional level work over the duration of the course. Fifty hours of work must be completed for each academic unit received.Students must consult the department of Communication for permission to register. May be repeated for a maximum of 6 units. Students pursuing a minor in Sports Media must complete a total of three units prior to graduation.
Prerequisite: COMM-395 OR Permission of Instructor
Terms Typically Offered: Fall and Spring.

## COMM-455 Communication Teaching Internship 1-6 Credits

Regular hours each week for classes and/or meetings are established at the beginning of the semester. The teaching intern helps an instructor in planning and conducting a course and/or research session. This course may be taken for 1-3 units per semester. May be repeated for a maximum of six units.
Terms Typically Offered: Fall and Spring.

## COMM-458 Alternative Storytelling Techniques 3 Credits

The course will explore alternative methods of visual storytelling through current and emerging technology. Topics include: sequential art and 2D animation, mobile and web-based content, and immersive and interactive storytelling. Students will create a documentary or narrative project utilizing one of the techniques introduced.
Prerequisite: COMM-229
Terms Typically Offered: Fall, even years.

## COMM-460 Advanced Filmmaking 3 Credits

This course focuses on furthering/advancing skills learned in the Introduction to Filmmaking and Intermediate Filmmaking classes. The course will cover advanced practices of cinematography, sound, set management, directing actors and producing. Special emphasis will be placed on achieving a sense of professionalism in learning these advanced disciplines in preparation for a career in filmmaking.
Prerequisite: COMM-229
Terms Typically Offered: Fall, even years.

## COMM-464C Media Criticism 3 Credits

This course is designed to provide students with a basic understanding of the nature and function of media criticism; survey of approaches, theories, and the systems of rhetorical analysis from classical to contemporary models. Practice in critical appraisal of various types of media communication.
Prerequisite: COMM-305 and permission of intructor
Terms Typically Offered: Fall and Spring.

## COMM-470 Special Topic: 1-4 Credits

Study of a special topic in the areas of Communication Studies and TV and Film. May be repeated for credit. May include a lab requirement and lab fee.

## COMM-478 Film Studies Series 1-3 Credits

A forum and lecture series focusing on topics in film studies, such as the work of important directors, producers, and screenwriters, genre studies, critical ideas in film theory, and world cinema. May be repeated for a maximum of six units.
COMM-480 Independent Studies: 1-3 Credits
May be repeated for credit.

## COMM-495A Senior Project: Film 3 Credits

The student writes, directs, or serves in a production role (cinematographer, editor, production sound, sound designer), on a faculty approved film, video, documentary animation, or commercial project bringing it to final form for festival distribution. Lab fee.

## COMM-495D Senior Project: Script/Publctn 3 Credits

Senior standing and approval of professor. The student creates a threeact polished screenplay or publication for distribution. Lab fee.
Prerequisite: COMM-306 or COMM-426
COMM-496 Senior Project: Development/Planning 2 Credits
This course is designed to integrate the student's faith with their profession, culminating in a project that combines critical and practical skill sets representative of the student's particular course of study and interests. This fall semester course helps students thoughtfully develop their creative ideas into a tangible form, such as a short film, featurelength screenplay, multimedia work, or research project. Preproduction, research, and/or resourcing stages will be completed. COMM-497 Senior Project: Implementation is also required.
Terms Typically Offered: Fall.

## COMM-497 Senior Project: Implementation 1 Credit

This course is designed to integrate the student's faith with their profession, culminating in a project that combines critical and practical skill sets representative of the student's particular course of study and interests. Students will complete the project devised in COMM-496 Senior Project: Development and Planning.
Prerequisite: COMM-496
Terms Typically Offered: Spring.

## Core Curriculum (CORE)

## CORE-100C Cornerstone 1 Credit

This course is open to Freshmen only. Introduction to university life and learning, and to the academic and social skills needed for success. May include social outings, community service component, and is to be taken in conjunction with an approved freshman-level course that will apply some of the course lessons. A failing grade must be made up prior to advancement to the Sophomore level.
Terms Typically Offered: Fall and Spring.

## CORE-100H Cornerstone Honors 1 Credit

This course is open to Freshmen Honor students only. Introduction to university life and learning, and to the academic and social skills needed for success. May include social outings, community service component, and is to be taken in conjunction with an approved freshman-level course that will apply some of the course lessons. A failing grade must be made up prior to advancement to the Sophomore level.
Terms Typically Offered: Fall.

## CORE-101C College Success Strategies 1 Credit

College Success Strategies is a semester-long course designed to provide students an opportunity to identify their individual learning strengths and personality styles in order to develop effective individualized study and test-taking strategies based on timemanagement, organization, and the school-life balance. Students are provided with an introduction, regular classroom reinforcement, and application of the executive functioning skills necessary for success in college level course work.
Terms Typically Offered: Fall.
CORE-110 Vanguard Foundations of College Writing I 3 Credits Covers reading comprehension, technology and writing, and sentencelevel (grammar) and paragraph-level issues. The course focuses on process-driven revision and peer collaboration while emphasizing critical thinking skills. This required course prepares Professional Studies and ECE students for college-level writing and studies. Students may petition to test out of this required course if they possess proficient college level writing ability. (Meets elective credit requirement only; not applicable to English Composition requirement. . Course must be passed with a "C" or better.) (School for Professional Studies Course).
Terms Typically Offered: Fall, Spring, and Summer.

## CORE-205 Cornerstone Mentoring 1 Credit

Cornerstone Mentoring provides the student with the opportunity to assist freshmen students during their Cornerstone course in gaining academic and social skills. Regular hours each week for classes and/or meetings are established at the beginning of the semester. This course may be repeated with consent of the instructor.

## Early Childhood Education (ECED)

## ECED-101 Child Growth and Development 3 Credits

This course covers the study of social, emotional, intellectual, physical, creative, and spiritual areas of development from conception through middle childhood with an emphasis on the preschool years. Theories of development are studied along with the various stages of growth. These concepts will be presented from a Biblical perspective.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-103 Child, Family and Comm/Social 3 Credits

This course covers the study of how family, school, and community affect a child's development. An emphasis will be placed on the family unit and the parents' roles in being the primary educator of their child. Community resources are investigated and advocacy for children is explored. Terms Typically Offered: Fall, Spring, and Summer.

## ECED-106 Intro to Curriculum for the Young Child 3 Credits

This class provides an overview of the planning, preparation, and delivery of a developmentally appropriate curriculum for young children. The role of the teacher and the curriculum in supporting the development of the whole child are analyzed. The class covers the basic components and developmentally appropriate implementation of curriculum across content areas. Though not required, completion of Child Growth and Development is recommended.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-108 Principles and Practices of Teaching Young Children 3 Credits

This course presents an overview of the historical development and philosophies of early education. Students will examine the relationship among developmental theory, philosophy, and practice in early education. Students will explore a wide range of early childhood curriculum models. The ecological contexts and relationships affecting young children's development will be analyzed. This course includes a review of teaching strategies supporting all children's development. Though not required, completion of ECED-101 Child Growth and Development is recommended. Terms Typically Offered: Fall, Spring, and Summer.

## ECED-109 Infant/Toddler Development 3 Credits

This course is an overview of the characteristic needs of infants and toddlers, birth through age three. Appropriate learning environments and routine experiences are discussed. Social, cognitive, physical, and sensory motor behavior patterns are applied in theory and through observation in relation to the environment. A focus on the development of curriculum in meeting the individual needs of the children and the role of the teacher in facilitating growth through play experiences is emphasized.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-121 Admininistration of Early Childhood Education Programs I 3 Credits

Application of the basic principles for the establishment, operation, supervision and evaluation of a preschool/daycare program is examined. This includes an overview and history of early childhood education programs, philosophy development, licensing standards, and assessment of management techniques. Christian philosophy and development are integrated. This course meets the minimum licensing course requirement for operating a licensed daycare program.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-123 Administration of Early Childhood Education Programs II 3 Credits

Application of advanced principles for the ongoing operation, supervision and evaluation of a preschool/daycare program are examined. This includes an in-depth look into managing staff and personnel issues, along with public relations and board development. Parent partnership and operational policies are discussed. Christian philosophy and development are integrated. This course meets the minimum licensing requirement for operating a licensed daycare program.
Terms Typically Offered: Fall, Spring, and Summer.
ECED-126 Teaching in a Diverse Society 3 Credits
This course examines current issues facing the early childhood education professional in understanding diversity as it impacts the classroom. The increased diversity of race, ethnicity, culture, linguistics, and disabilities or developmental delays brings many challenges, as well as many opportunities, to educators. Factors of working with and supporting diverse populations of young children and their families are discussed, including relevant teaching methods and materials.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-132 Early Childhood Education Practicum 3 Credits

This course is designed to demonstrate practical application of developmentally appropriate early childhood education techniques and skills. Emphasis is placed on designing, implementing, and evaluating classroom experiences for young children. Observation and evaluation of classroom experiences, environmental design, classroom management, and parent communication are emphasized to promote optimal development for young children. Biblical perspectives are integrated throughout the course. Fieldwork is completed in the student's own classroom, or by approval of the instructor. Students complete 50 hours in an early childhood setting. Students videotape their teaching in order to be evaluated by the instructor and fellow classmates. Though not required, ECED 101 and ECED 106 are recommended prior to taking this course.
Terms Typically Offered: Fall, Spring, and Summer.
ECED-135 Health, Safety and Nutrition for the Young Child 3 Credits This course presents healthy practices that promote safety, nutrition, and wellness for the young child. Strategies are introduced that include families in developing health awareness. In addition, safety issues inclusive of disaster and emergency planning, along with creating safe environments within an early childhood education setting are emphasized.
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-137 Observation and Assessment 3 Credits

This course offers opportunities for students to develop in-depth knowledge and skills as early childhood education professionals with a focus on research, policy, and best practices in early childhood education assessment that is linked to curriculum planning and program evaluation. Focus is placed on acquiring knowledge about informal and formal developmental screening assessment instruments for young children, and how to select and use appropriate assessments to determine initial information that facilitates individual learning environments and strategies. Though not required, completion of ECED 101 and ECED 106 are recommended.
Terms Typically Offered: Fall, Spring, and Summer.

ECED-139 Adult Supervision and Mentoring 3 Credits
This course covers the methods and principles of supervising adults who are teachers, assistants, or volunteers in early childhood education classrooms. Emphasis is placed on the role of experienced classroom teachers who function as mentors to new teachers while simultaneously addressing the needs of children, parents and other staff. Though not required, ECED 101 and ECED 103 are recommended prior to taking this course.
Terms Typically Offered: Fall, Spring, and Summer.
ECED-141 Introduction to Transitional Kindergarten Programs 3 Credits This course explores how children develop between the ages of three and six, and what programs are developmentally appropriate for this age group, by examining principles and the best practices of early childhood education curriculum that promotes effective transition from preschool to kindergarten programs. Students discuss different curricula and how to effectively integrate multiple content areas into one program. Current research on developmental milestones, preparing the classroom, and guiding children's social behavior are reviewed and discussed. Students examine how school goals have changed over time, and the importance of getting parents involved in the early childhood education classroom. Students develop their own integrated curriculum plan and understand how to assess young children using multiple measures.
Terms Typically Offered: Spring.

## ECED-150 Spiritual Formation of Young Children 3 Credits

This course furthers students' own understanding and personal journey of spiritual formation and how that relates to the spiritual transformation of young children. The process of how the inner life is formed in young children toward an intimate relationship with God is discussed. Particular emphasis is placed on relationship, experience, and practice of the spiritual disciplines that create the context for spiritual formation to occur. A systematic approach is given that lays the foundation for regular practices in the classroom. The relationship between the church, home, and the early childhood education program is explored as the foundational environments where spiritual transformation is developed. Terms Typically Offered: Fall, Spring, and Summer.

## ECED-160 Infant/Toddler: Curriculum and Practicum 3 Credits

This course provides an understanding of the uniqueness of infant and toddler curriculum, and how to demonstrate a practical application of developmentally appropriate infant and toddler teaching techniques and skills. Emphasis is placed on designing, implementing, and evaluating classroom experiences for children ages 0 to 2 . Observation and evaluation of classroom experiences, environmental design, classroom management, and parent communication are emphasized to promote optimal development for young children. Biblical perspectives are integrated throughout the course. Fieldwork is completed in the student's own classroom, or by approval of the instructor. Students videotape their teaching in order to be evaluated by the instructor and fellow classmates. Though not required, ECED 101 and ECED 109 are recommended prior to taking this course.
Terms Typically Offered: Fall.

ECED-200 Fundamentals of Early Childhood Education 3 Credits This course provides an overview of early childhood education for children ages 0 to 8 in developmental theories and history of early childhood education, developmentally appropriate practices based on Constructivism-based curricula, working with families in diverse communities, and becoming an early childhood education professional. (This course is cross listed with EDUC-250 in the residential undergraduate program.)
Terms Typically Offered: Summer.

## ECED-300 Guiding the Young Child's Behavior 3 Credits

This course examines appropriate child guidance principles and practice. Positive teacher/child interactions along with guidance techniques, teaching self-regulation and self-control concepts, setting clear expectations and affirming positive behavior, classroom management techniques, and conflict resolution strategies are examined. Parental involvement and school/family partnerships are incorporated to serve children in their supporting environments. (School for Professional Studies Course).
Terms Typically Offered: Spring.

## ECED-301 Infant and Toddler: Development and Theory 3 Credits

 This course examines and celebrates infant and toddler development from pre-birth through age 36 months. The course focuses on the importance of families' and caregivers' relationships and responsiveness in interactions with young children emphasizing the whole-child approach to development. Developmentally appropriate guidance using a relationship-based model is introduced. (School for Professional Studies Course).Terms Typically Offered: Spring.
ECED-305 The Exceptional Child and the Inclusive Classroom 3 Credits This course provides an overview of children ages $0-12$ with exceptional cognitive, physical, social, and/or emotional characteristics, including learning disabilities. Students are introduced to special education laws and their implications for delivery systems, transition plans, and identification and placement procedures. Assessment and screening strategies are discussed to meet the educational needs of all students. A Biblical perspective of serving all children is part of the course, including rationale and strategies for honoring young children and families. (School for Professional Studies Course).
Terms Typically Offered: Spring.
ECED-306 Exceptional Children: Teaching Language Arts, Math and Science for Students With Severe Disabilities 3 Credits
This course is designed to equip early childhood educators who teach special needs students to demonstrate best practices in his or her classroom. This course covers teaching common core Language Arts, Math and Science, and creating instructions and assessment. The concepts of embedding instruction and inclusion in the classroom are explored. Requirement for Special Education emphasis. (School for Professional Studies Course).
Terms Typically Offered: Fall.

ECED-316 STEM/STEAM: Math for the Young Child 3 Credits
This course reviews developmental theory and research about mathematical education in the early childhood years. Early childhood educators will investigate the interrelationship of math concepts in cooperation with STEAM education, and explore an organized, sequential approach to creating developmentally appropriate math curriculum for young children. Concepts of God as the creator and master designer will be presented as students construct knowledge through a dynamic, interactive process that facilitates their development of working theories relating to mathematics and STEAM education. (School for Professional Studies Course).
Terms Typically Offered: Fall.

## ECED-322 STEM/STEAM: Science for the Young Child 3 Credits

This course reviews developmental theory and research about science educatiuon in the early childhood years. Early childhood educators will investigate the interrelationship of science concepts in cooperation with STEAM education, and explore an organized, sequential approach to creating developmentally appropraite science curriculum for young children. Concepts of God as the creator and master designer will be presented as students construct knowledge through a dynamic, interactive process that facilitates their development of working theories relating to science and STEAM education. (School for Professional Studies Course).
Terms Typically Offered: Fall.

## ECED-327 STEM/STEAM: Arts and Creative Learning for the Young

 Child 3 CreditsThis course reviews developmental theory and research of art education and the development of creativity in the early childhood years. Early childhood educators will investigate the interrelationship of math, science, literature, and social studies in cooperation with STEAM education, in order to explore an organized, sequential approach to creating developmentally appropriate curriculum for young children that embraces creativity and self-expression through the arts. Concepts of God as the creator and master designer will be presented as students construct knowledge through a dynamic, interactive process that facilitates their development of working theories relating to creativity and STEAM education.
Terms Typically Offered: Spring.

## ECED-330 Early Foundations for Moral and Character Development 3 Credits

This course examines the role of educators in developing moral and ethical behavior in young children. Character traits that are reflective of a Spirit-filled classroom are defined and identified. Students explore different theories of moral development and identify knowledge, skills, and dispositions that can be integrated into the life of the classroom. Biblical principles of moral development are studied along with strategies that integrate these concepts into the curriculum content. Students examine early childhood education centers for moral and character development curriculum content, and a strategic plan is developed to enhance moral development. Students are challenged to be an effective role model and to identify their own personal strengths and growth areas. Developmentally-effective methods of instruction are discussed, including the use of a variety of hands-on materials to reinforce concrete learning. (School for Professional Studies Course).
Terms Typically Offered: Spring.

ECED-338 Advanced Administration of Early Childhood Education

## Programs 3 Credits

This course provides information about the advanced skills needed to manage and lead in early childhood education settings. Students develop skills in personal and professional self-awareness, fiscal management, facilities management, family support and educational programming. Special emphasis is placed on management theory and decision making. Through this course, students develop an understanding of their own leadership and management style. (School for Professional Studies Course).
Terms Typically Offered: Fall.

## ECED-340 Transitional Kindergarten Programs 3 Credits

This course examines transitional kindergarten programs in the private and public sector. An in-depth look at the developmental needs of 4-1/2- to 6-year-olds is included. Aspects of current brain research on the connection of curriculum to targeted learning outcomes is reviewed. Specific strategies for measuring developmental milestones for learning are included, preparing early childhood educators to adequately assess developmentally-effective progression. Aspects of creating effective transitions from preschool to kindergarten programs, including perceptions, expectations, and practices that build strong partnerships with families and elementary schools, are covered. Appropriate levels of instruction and developmentally appropriate environments are explored. (School for Professional Studies Course).
Terms Typically Offered: Spring.

## ECED-345 STEM/STEAM: Technology and Engineering for the Young Child 3 Credits

This course introduces the use of technology in the early education setting to enhance STEAM (emphasis on engineering) teaching, learning, and program support. Topics will include the use of technology in the classroom, communication with families, and teacher training. With an emphasis on engineering, students will be able to understand and apply technology-enhanced instruction and utilize a variety of resources in order to create project-based STEAM learning experiences in the classroom. Through learning the concepts of technology and engineering in the development of children ages $0-8$, student will be able to create and design instruction that promotes problem solving, critical thinking, collaboration, and creativity in a cross-curricular learning experience.
(School for Professional Studies Course).
Terms Typically Offered: Summer.

## ECED-350 Ministering to Parents and Families 3 Credits

This course emphasizes the significance of parents and families as the basic unit of society according to God's design. Significant issues surrounding the health of the family unit are discussed. Topics included in this course focus on the well-being of individuals and society supported by strong family units. Various parenting styles are examined for understanding family dynamics. Students learn how to minister effectively through the integration of faith practices, prayer, God's word, and Biblical insight that supports a strong home life for young children. Instilling Biblically-based values in the home and the supportive role of early childhood education programs in supporting children and their families are examined, including family education and advocacy. (School for Professional Studies Course).
Terms Typically Offered: Fall.

ECED-401 Infant/Toddler. Curriculum and Practicum 3 Credits
This course explores the uniqueness of infant and toddler curriculum, and demonstrates a practical application of developmentally appropriate infant and toddler teaching techniques and skills. Emphasis is placed on designing, implementing, and evaluating classroom experiences for children ages 0-36 months. Observation and evaluation of classroom experiences, environmental design, classroom management, and parent communication are emphasized to promote optimal development for young children. Biblical perspectives are integrated throughout the course. Fieldwork is completed in the student's own classroom, or by approval of the instructor. Students videotape their teaching in order to be evaluated by the instructor and fellow classmates.
Prerequisite: MUST COMPLETE: ECED-301
Terms Typically Offered: Fall.

## ECED-405 Advanced Curriculum Design and Development in Early Childhood Education 3 Credits

This course focuses on curriculum planning and design for programs that serve young children ages $0-8$. Issues and trends in curriculum development are examined, along with the components of a philosophy of teaching and learning based on a school's foundational statements. The students explore the sequenced components of a curriculum guide that support each learning domain, including student-based outcomes, goals, and benchmarks. Monthly and weekly guides, along with lesson planning, are discussed and developed. The process of evaluating the planned instructional program is covered as it relates to improving the curriculum and effectively achieving student learning outcomes. Learning outcomes are integrated into this course as a foundation for curriculum development. (School for Professional Studies Course).
Terms Typically Offered: Summer.

## ECED-410 Leadership and Advocacy in Early Childhood Education 3 Credits

This course focuses on child and family advocacy, leadership, public policy, research, and advocacy initiatives in the field of early childhood education. Students analyze critical issues in early childhood education from a Biblical-worldview and develop strategies for articulating positions and becoming change agents. Students develop and implement strategies for change. A professional code of ethics that integrates Biblical standards and principles is discussed. (School for Professional Studies Course).
Terms Typically Offered: Fall.
ECED-420 Principles of Applied Behavior Analysis: Autism 3 Credits This course examines the introduction of Behavioral Analysis into daily life, and how the events in daily life affect autistic students' behavior. Students learn how to apply behavioral principles to their classes, deal with challenging behaviors, and build positive relationship with their students' families and other students. Requirement for Special Education emphasis. (School for Professional Studies Course).
Terms Typically Offered: Summer.

ECED-425 Functional Assessment and Evaluation for Exceptional Learners 3 Credits
This course covers how to collect and use educational data to assess diverse learning needs in multiple developmental aspects, educational planning and progress monitoring, instructional models, curricular access, mapping, and development. Various types and uses of assessments to identify needs of exceptional learners are introduced. Requirement for Special Education emphasis. (School for Professional Studies Course).
Terms Typically Offered: Summer.
ECED-430 Lang/Lit for Young Child Multi. Comm. 3 Credits
This course focuses on language and literacy development for young children in multicultural communities. Language learning development will be studied as an important part of thinking and communicating as God's design for each child. Students will learn the distinct differences between language, competence, and performance as it relates to multicultural communities. Students will examine theories of language development, including theories of second language acquisition and the needs of English language learners. They will also explore strategies for engaging children in integrated listening, speaking, reading, and writing experiences as well as specific strategies for working with multilingual families in meeting the functional needs of the child in the classroom setting. Developmentally effective assessments will be discussed as a means of informing instruction. Additionally, evaluation of God-honoring children's literature will be covered. (School for Professional Studies Course).
Terms Typically Offered: Fall.

## ECED-460 Advanced Practicum I 3 Credits

This course is a supervised student teaching experience of working with young children ages $0-8$ in a classroom setting. The focus is on the application of developmentally appropriate early childhood education theories, techniques, and skills. Emphasis is put on designing, implementing, and evaluating classroom experiences for young children. Observation and evaluation of classroom experiences, environmental design, classroom management, and parent communication are emphasized to promote optimal development for young children. Biblical perspectives are integrated throughout the course. (School for Professional Studies Course).
Terms Typically Offered: Fall, Spring, and Summer.

## ECED-465 Advanced Practicum II 3 Credits

This course is a supervised student teaching experience working with young children ages $0-8$ in a classroom setting. The focus is on the application of developmentally appropriate early childhood education theories, techniques, and skills. The student-teachers explore ways to build relationships with diverse families, connect families with community resources, and use content knowledge of the aesthetic, cognitive, social/emotional, and physical developmental domains to design, implement, and evaluate meaningful curriculum. Biblical perspectives are integrated throughout the course. (School for Professional Studies Course).
Prerequisite: ECED-460
Terms Typically Offered: Fall, Spring, and Summer.
ECED-470 Special Topic 1-3 Credits

## ECED-499 Capstone for Early Childhood Education Bachelor of Arts

 Degree 3 CreditsThis course provides students the opportunity to integrate theories of child development, a Biblical worldview of young children, and principles of effective practice as a culmination of learning at the bachelor's degree level. Students engage in field experience through the implementation of a project that exhibits an integration of faith and learning. The project demonstrates an application of students' knowledge of Biblically-based early childhood education to their practice. An analysis and evaluation of the students' educational experiences across the curriculum is reviewed. Students create a comprehensive portfolio comprised of their work samples and reflections, which demonstrates their competence and achievement of Program Learning Outcomes. The next steps in professional development are discussed and a plan for further growth as a professional in the early education field is developed. (School for Professional Studies Course).
Terms Typically Offered: Fall, Spring, and Summer.

## Education Grad (EDUG)

## EDUG-508 Language and Culture in Context 2 Credits

This course surveys the acquisition and use of first and second languages. It examines the relationship of language to culture, language acquisition, and language analysis or linguistics, emphasizing the utility of such knowledge for educators. Stress is given to understanding language's reciprocal relation with culture, the nature of language systems and linguistic analysis to enable educators a better comprehension of second language acquisition within learning environments. This course requirement can be fulfilled by ENGL-453: Language, Culture and Linguistics.
Terms Typically Offered: Fall and Spring.

## EDUG-509 Foundations in Teaching for Multiple Subject 2 Credits

Teacher candidates analyze the philosophical and historical background of public education in California. Candidates acquire a range of positive behavioral supports for students with the basic knowledge, skills and strategies for engaging and supporting diverse learners, including students with special needs, English learners, Standard English Learners, and students with other learning needs in the least restrictive environment. Candidates develop a plan to establish an inclusive and culturally responsive learning environment.
Terms Typically Offered: Fall and Spring.
EDUG-519 English Language Arts in Elementary Classrooms 3 Credits
This course covers theories, principles and instructional practices of reading/language arts instruction in the elementary classroom and includes: language acquisition; four communication skills of listening, speaking, reading and writing; diagnostic and early intervention techniques; and key themes of a balanced, comprehensive, instructional program. Specific content knowledge needed in preparation for RICA is aligned in this course.
Terms Typically Offered: Fall and Spring.

EDUG-523 Instructional Design and Subject Specific Pedagogy for Multiple Subject 4 Credits
In this course, candidates strengthen their subject matter expertise and application by familiarizing themselves with subject matter content standards and appropriate pedagogical strategies for teaching specific subject matter disciplines (math, science, social studies, etc.).Working with the cohort faculty leader and expert practitioners, teacher candidates develop lessons for the diverse populations of students in today's classrooms using the Backward Design planning strategy that focuses on integrating subject-specific content standards, English Language Arts standards, and English Language Development standards. Candidates develop in-depth lesson plans using Inductive, Deductive, and Cooperative methodologies.
Terms Typically Offered: Fall and Spring.

## EDUG-524 Foundations in Teaching for Single Subject 2 Credits

This course provides the philosophical and historical foundations of education. Teaching candidates begin the development of a reflective professional classroom philosophy. Candidates evaluate their philosophical bias related to the classroom and examine the professional and ethical behaviors, which contribute to teacher success in a school community. Additionally, this course prepares candidates with basic knowledge, skills and strategies for teaching diverse and special populations, including students with disabilities, students on behavior plans, and gifted and talented students in the general education classroom. Individuals become familiar with the cultural and individual diversity of the school community.
Terms Typically Offered: Fall and Spring.
EDUG-525 Early Supervised Fieldwork For Multiple Subject 4 Credits This early supervised field experience provides the candidate with an opportunity to work directly with learners in a University assigned elementary school classroom with a Master Teacher two days per week during the semester. Candidates observe and apply instructional strategies under the leadership of the Master Teacher to learn to manage and deliver instruction in the elementary classroom. Lab fee: Master Teacher stipend
Terms Typically Offered: Fall and Spring.

## EDUG-526 Instructional Design and Subject Specific Pedagogy for Single Subject 4 Credits

In this course, candidates strengthen their subject matter expertise and application by familiarizing themselves with subject matter content standards and appropriate pedagogical strategies for teaching specific subject matter disciplines (math, science, social studies, etc.). These strategies focus on the candidate's prospective subject-specific credential and the diverse populations of students in today's classrooms. Working with the cohort faculty leader and expert practitioners, teacher candidates develop lessons using the Backward Design planning strategy that focuses on integrating subject-specific content standards, English Language Arts standards, and English Language Development standards. Candidates develop in-depth lesson plans using Inductive, Deductive, and Cooperative methodologies.
Terms Typically Offered: Fall and Spring.

EDUG-527 CaITPA Cycle 1 0.5 Credits
California law requires all Multiple and Single Subject teacher preparation programs to include a California Teaching Performance Assessment (CalTPA). The purpose of this course is to provide support for teacher candidates to demonstrate their knowledge, skills, and abilities learned through the teacher credentialing program to successfully pass this state assessment. This course is taken concurrently with EDUG 525 or EDUG 535.

## Terms Typically Offered: Fall and Spring.

## EDUG-528 CaITPA Cycle 2 0.5 Credits

California law requires all Multiple and Single Subject teacher preparation programs to include a California Teaching Performance Assessment (CalTPA). The purpose of this course is to provide support for teacher candidates to demonstrate their knowledge, skills, and abilities learned through the teacher credentialing program to successfully pass this state assessment.
Terms Typically Offered: Fall and Spring.

## EDUG-534 Curriculum Unit Planning for Single Subject 2 Credits

This course helps candidates to connect the subject matter content and standards to appropriate performance tasks and instructional strategies, as they learn to plan curriculum units. Candidates learn to model and assist students to integrate technology and media into content-specific literacy when conducting research, producing and publishing writing, creating multimedia presentations, and interacting and collaborating with others in this and other disciplines. Through cooperative methods, candidates learn that after a discovery activity, students need the opportunity to independently apply their learning.
Terms Typically Offered: Fall and Spring.

## EDUG-535 Early Supervised Fieldwork for Single Subject 4 Credits

This early supervised fieldwork experience provides the candidate with an opportunity to work directly with learners in a University assigned secondary classroom with a Master Teacher two days per week during the semester. Candidates observe and apply instructional strategies under the leadership of the Master Teacher to learn to manage and deliver instruction in the secondary classroom. Lab fee: Master Techer stipend. Terms
Terms Typically Offered: Fall and Spring.
EDUG-537 Curriculum Unit Planning for Multiple Subject 2 Credits Teacher candidates develop an interdisciplinary unit plan, integrating knowledge of subject-specific pedagogical skills including Health and Physical Education. Teacher candidates collect and analyze student assessment data from multiple measures and reflect on their teaching practices and level of subject matter and pedagogical knowledge to plan and implement instruction.
Terms Typically Offered: Fall and Spring.

## EDUG-540 Cross-Cultural Studies for Educators 3 Credits

This course explores the definition of culture, its mechanisms for adaptation, acculturation, and assimilation. This course fosters an appreciation of cultural diversity as a product of cross-cultural contact, raises issues for teaching within a multicultural classroom, and demonstrates appropriate responses, communication techniques and strategies suited to educating those with differing worldview ideologies. Terms Typically Offered: Spring.

EDUG-541 Philosophy in Christian Schools 1 Credit
A study of the educational philosophy of evangelical schools. Major philosophies are discussed and related to teaching within the context of a Christian worldview. Distinctive of Christian philosophy is emphasized. This course meets the Association of Christian Schools International (ACSI) certification requirements for philosophy.
Terms Typically Offered: Fall.
EDUG-544 Language Acquisition for Secondary Students 1 Credit
This course focuses on how to move middle and high school students who are non-English speakers into and through English language literacy. Teacher candidates read and discuss first and second language acquisition theories and the various programs appropriate for students at each level of fluency. By practicing methods of teaching English language development, teacher candidates engage in using strategies, techniques, and methods that have proved successful in fostering high achievement. Terms Typically Offered: Fall and Spring.

EDUG-548 Metacognition/Reading Strategies For Secondary Students 1

## Credit

Single Subject candidates focus on theories and methods which enhance learning across the curriculum for middle and high school students. The course assists candidates in developing teaching methods that ensure students are successfully comprehending course content, accessing long-term memory, taking effective notes, and communicating learning concepts. Candidates learn to teach to the strength of each personality type. Candidates also learn the basics of explicit reading instruction at the secondary level.
Terms Typically Offered: Fall and Spring.
EDUG-551 Literacy in Content Areas For Secondary Students 1 Credit Single Subject candidates learn to write lesson plans for middle and high school students in their particular subject matter area integrating reading, writing, listening, speaking and thinking. Candidates explore the role of language fluency in comprehension and teach an integrated lesson which enhances content mastery.
Terms Typically Offered: Fall and Spring.

## EDUG-565 Use of Technology in the Classroom 1 Credit

A study of the nature and use of technology in the educational process. An emphasis is placed on Computer Assisted Instruction (CAI) and the selection of software with a hands-on approach to the use of word processing, spreadsheets, and other programs that are of assistance to educators or are currently used with students in K-12 classrooms. This course meets the CCTC standards for the level 1 technology requirement. Terms Typically Offered: Fall and Spring.

EDUG-570 Special Topic: 0.5-3 Credits
Special topics in education: curriculum, assessment, instruction, community partnerships, classroom management and research.
Terms Typically Offered: Fall and Spring.
EDUG-586 Clinical Practice Seminar for Multiple Subject 2 Credits This seminar course includes reflection on advanced clinical practice experiences in elementary education and their connection with the Teaching Performance Expectations (TPE's). This course focuses on the connection between the community, family, school and classroom, and prepares candidates for the professional job market and continued professional growth and development.
Terms Typically Offered: Fall and Spring.

EDUG-587 Clinical Practice Fieldwork For Multiple Subject 8 Credits During clinical practice, credential candidates work directly with learners in a University assigned elementary classroom with a Master Teacher, five full days per week during the semester. Candidates experience the daily responsibilities of running a culturally and linguistically diverse classroom. Candidates practice under the expert monitoring of a Master Teacher with mentoring from a University Supervisor. Lab Fee: Master Teacher stipend
Terms Typically Offered: Fall and Spring.
EDUG-588 Clinical Practice Seminar for Single Subject 2 Credits
Clinical practice experiences are designed to provide the candidate with a developmental and sequential set of activities that are integrated with the coursework and extend the candidate's learning through application of theory to practice with secondary students in California public school classrooms. This seminar course enhances the teach-reflect-revise cycle by allowing candidates to reflect on lessons taught in clinical practice, collaborate with peers, and revise their instruction for improved student learning.
Terms Typically Offered: Fall and Spring.
EDUG-589 Clinical Practice Fieldwork for Single Subject 8 Credits During clinical practice fieldwork, credential candidates work directly with learners in a University assigned secondary classroom with a Master Teacher, five full days per week during the semester. Candidates experience the daily responsibilities of running a culturally and linguistically diverse classroom. Candidates practice under the expert monitoring of a Master Teacher with mentoring from a University Supervisor. Lab Fee: Master Teacher stipend
Terms Typically Offered: Fall and Spring.

## EDUG-590 Seminar: 1-6 Credits

Mutual investigation of one topic in education of particular relevance to graduate students in education.
Terms Typically Offered: Fall and Spring.

## EDUG-599 Continuous Registration 1 Credit

This unit does not count toward Master's degree or credential requirements. Fee is equivalent to one unit of Graduate Education tuition. Candidates who have not met all testing and/or other credential requirements to continue to Advanced Student Teaching are required to register for EDUG-599. During this semester, the candidate conferences with a faculty cohort leader and/or University Supervisor. Continuous registration ends when the candidate is formally recommended for Advanced Student Teaching or withdraws from the program. EDUG-599 carries a grade of CE (Continuing Enrollment) until all requirements are met, at which time the grade is changed to CR (Credit).
Terms Typically Offered: Fall and Spring.

## EDUG-605 Current Issues in Education 2 Credits

This course provides an in-depth investigation of current problems and issues that affect education in America. Students focus on current trends in curriculum, instructional pedagogy, and school organization. To this end, students develop a literature review relevant to current educational issues to inform the effectiveness of teaching and learning, and the quality of life in the school community. This is the first course in the MA Core sequence. MA Core requirement. Consent of Director. Terms Typically Offered: Fall and Spring Terms Typically Offered: Fall and Spring.

## EDUG-606 Introduction to Educational Research 4 Credits

This course enables graduate students in education to focus on literature about research methodologies, and to develop an understanding of both qualitative and quantitative research designs to inform valid educational research. The goal is to become a critical reader of research reports, and a consumer and producer of educational research. To this end, students develop a research proposal to reflect in-depth understanding of research literature, research designs, and research analysis. MA Core requirement. Consent of Director required.
Terms Typically Offered: Fall.

## EDUG-609 Curriculum Design and Teaching 2 Credits

This course provides students with the opportunity to examine historical, philosophical, and sociopolitical influences on the development of curriculum in American public education. Curriculum design, implementation and evaluation strategies are considered. The role of teachers and others in curriculum decision making are explored, particularly as it relates to educational change. Particular emphasis is given to state curriculum documents and curricular recommendations of professional associations. MA Core requirement. Prerequisite and/or concurrent course: EDUG-605 and consent of Director. Prerequisite: EDUG-605 and consent of Director Terms Typically Offered: Spring.

## EDUG-610 Educational Assessment and Evaluation 4 Credits

This course focuses on developing reliable and valid qualitative and quantitative assessment instruments to evaluate the potential and progress of children throughout the instructional process. The course focuses on assessment for learning, but covers both formative and summative assessment principles. MA Core requirement.
Prerequisite: EDUG-605, EDUG-606
Pre- or Co-Requisite: EDUG-609
Terms Typically Offered: Spring.

## EDUG-611 Advanced Models of Teaching 3 Credits

This course explores varied strategies of instruction, culminating in the identification and study of various models of teaching to support student achievement. Students examine theoretical frameworks that best inform learning and instructional models of teaching. Consent of Director required.
Terms Typically Offered: Fall and Spring.

## EDUG-612 Theories of Learning and Teaching 3 Credits

This course uses an interdisciplinary approach to examine principles of learning and best practice. To this end, theoretical frameworks from the social science will be examined, including behavioral, cognitive, and social theories.
Terms Typically Offered: Fall.

## EDUG-614 Curriculum Leadership and Collaboration 3 Credits

This course focuses on teacher learning, evaluating, and organizing high quality professional development. Students examine research-based literature about professional development models. Candidates study and practice high yield strategies for improving professional practice including peer coaching, collaboration, study groups and learning teams. Well-designed evaluations inform candidates about the effectiveness of professional development practices and guide the content, form and structure for creating a teacher-led learning community. Consent of Director required.
Terms Typically Offered: Spring.

EDUG-615 Research Literature: Content Specific 3 Credits
This course focuses on developing an understanding of the researchbased literature that informs the history and development of content specific subject matter. Teachers will explore and analyze the literature, including historical key defnitions of content-specific subject matter, in light of the major theories and methodological approaches that have shaped each discipline. Special attention will be given to disciplinary research questions that have been addressed and questions for future research purpose. This content-specific literature exploration provides a foundation for the formulation of important research questions in the candidate's future capstone research focus completed in the MA Core. Consent of Director required.
Terms Typically Offered: Fall and Spring.

## EDUG-670 Special Topic 1-3 Credits

Special topics in education: curriculum, assessment, instruction, community partnerships, classroom management, and research. Consent of Director required.
Terms Typically Offered: Fall and Spring.

## EDUG-680 Individual Studies 1-6 Credits

An individual study initiated by the student, who must develop a written prospectus of the proposed study and secure an appropriate sponsoring faculty member to supervise and evaluate the study. Up to a maximum of six credits of individual study may be applied toward degree requirements. Consent of Director Required.
Terms Typically Offered: Fall and Spring.
EDUG-690 Seminar. 1-6 Credits
Mutual investigation of one topic in education of particular relevance to graduate students in education. Consent of Director required.
Terms Typically Offered: Fall and Spring.

## EDUG-699 Continuous Registration 1 Credit

Continuation of independent project study. Credit does not count toward Master's degree requirements. Fee is equivalent to one unit of Graduate Education tuition. EDUG-699 carries a grade of CE (Continuing Enrollment) until all course requirements are met, at which time the grade is changed to CR (Credit).
Prerequisite: EDUG-610
Terms Typically Offered: Fall and Spring.

## English (ENGL)

## ENGL-115 Foundations for College Writing II 3 Credits

Exposition and argument at the college level. The course emphasizes academic writing conventions through the writing process, mechanics, revising and editing, with a specific emphasis on critical thinking and logical argumentation. Course must be passed with a " $C$ " or better to enroll in ENGL-220 (meets English Composition requirement). (School for Professional Studies Course).

## ENGL-120C Persuasive Writing 3 Credits

Exposition and argument at the college level. The course emphasizes writing, revising and editing, reading, research skills, and mechanics. Course must be passed with a "C" (not "C-") or better to enroll in ENGL-220C. Some students may be placed in supplementary writing lab (ENGL-120CL) to support their transition from high school to college-level writing. Students with an Evidence-Based Reading and Writing SAT score of 610 or higher or an ACT score of 25 or higher may place out of this course into ENGL-220C.

## ENGL-120CL Persuasive Writing Lab 1 Credit

This one unit is designed to support students enrolled in ENGL-120C as they transition from high school to college-level writing. The lab provides a space for students to engage with the foundational concepts introduced in ENGL-120C, such as developing a writing process, understanding rhetorical situations, and crafting sound arguments, all within a small-group, workshop setting.

## Co-Requisite: ENGL-120C

## ENGL-220 Researched Writing 3 Credits

Interpretive and analytic writing, including several problem-solving research-based essays investigating topics related to class themes. The course emphasizes writing, revising and editing, reading, analytical skills, and computer technology (word processing, Internet research) and reinforces those skills learned in ENGL-115. Must be passed with a "C" or better to fulfill the core curriculum requirement. (meets English Composition requirement)

## Prerequisite: ENGL-120C.

## ENGL-220C Researched Writing 3 Credits

Interpretive and analytic writing, including several problem-solving research-based papers investigating topics related to class themes. The course emphasizes writing, revising and editing, reading, analytical skills, and computer technology (word processing, Internet research) and reinforces those skills learned in ENGL-120C. Taught in the computer lab. Must be passed with a "C" (not "C-") or better to fulfill the core curriculum requirement. Students may receive credit for ENGL-220C by taking research and writing courses offered by departments other than English that meet standards set and approved by the Core Curriculum Committee. Prerequisite: ENGL-120C

## ENGL-230 Literary Perspectives 3 Credits

Introduces the student to a variety of literary genres as well as diverse authors, cultures, and experiences. This course also covers the tools and concepts necessary to the understanding and interpretation of literature. Students engage in classroom discussion, write papers, and take a variety of quizzes and exams. (meets Humanities/Literature/Fine Arts requirement). (School for Professional Studies Course).

ENGL-230C Literature and the Human Experience 3 Credits Introduces the student to a variety of literary genres as well as diverse authors, cultures, and experiences. This course also covers the tools and concepts necessary to the understanding and interpretation of literature. Students engage in classroom discussion, write papers, and take a variety of quizzes and exams. This course is designed for nonEnglish majors and is not to be taken by English majors as a substitute for ENGL-240C. (This course was previously titled "Literary Perspectives") Prerequisite: ENGL-120C

## ENGL-235 Introduction to Journalism 3 Credits

Fundamentals of news reporting, including interviewing, quoting, paraphrasing, inverted triangle, and sourcing stories. Students are introduced to multiple journalism genres, including: news stories, opinions, features, profiles, and reviews.
Prerequisite: ENGL-120C
Terms Typically Offered: Fall and Spring.

## ENGL-240C Foundations/Literary Study 3 Credits

Introductory course for the English major covering the tools and concepts necessary to the understanding and interpretation of literature. This course is a prerequisite for all upper division courses in English and must be taken prior to or concurrent with the other courses in the major. All English majors are required to take ENGL-240C as a substitution for ENGL-230C the core curriculum requirement in literature.
ENGL-260 Monsters and Maidens: British Lit 17853 Credits
A historical survey of English prose, poetry, and drama, from Beowulf to the Neo-Classic period. This course involves classroom discussion, quizzes, texts, papers, and group presentations using computer aided support and other graphics to illustrate results of library research on each group's assigned author or topic. (Formerly Survey of British Literature I) Prerequisite: Take ENGL-120C;
Terms Typically Offered: Fall.
ENGL-262 Romanticism/Resistance: British Lit 17853 Credits
A historical survey of English prose, poetry, and drama, from the Romantic period to the present. This course involves classroom discussion, quizzes, texts, papers, and group presentations using computer aided support and other graphics to illustrate results of library research on each group's assigned author or topic. Non-English majors may receive credit for ENGL-230C by taking this course as a substitute.
(Formerly Survey of British Literature II)
Prerequisite: Take ENGL-120C;
Terms Typically Offered: Spring.
ENGL-309 Awakenings: Voices in American Lit 3 Credits
A historical survey of American prose, poetry and drama from the Puritans to the present. This course features tests that speak to the many ways that its characters awaken to the benefits and constraints associated with the new world. This course involves classroom discussion, quizzes, tests, papers and presentations, and it fulfills the departmental requirement for American Literature.
Terms Typically Offered: Fall.

## ENGL-315 Teaching English/MItrcltrl Set 3 Credits

Students seeking to complete the subject matter program in English must take this class as part of that program to ensure that they are integrating literary content with their pedagogical experience. This course provides the philosophical background and classroom experience necessary to introduce a person to the teaching profession in a public or private school in a multicultural environment. The purpose of the class is to assist the student to gain an understanding of the resources and challenges facing a teacher serving a linguistically and culturally diverse student population. Discussion will focus on the major professional organizations and educational research related to the philosophical, historical, and demographic developments of American education. Students will complete a 30 hour field work component to observe classroom management and organization, Specially Designed Academic Instruction Delivered in English (SDAIE) instructional practices, and the curricula of grades $\mathrm{K}-12$. The role and function of Christian beliefs and values in the public school will be integrated throughout the course. This course is a prerequisite requirement for the Multiple and Single Subject Credential programs. Lab fee.
Terms Typically Offered: Fall and Spring.

ENGL-319 Publications: Newspaper 1-3 Credits
Members of the class constitute the editorial staff of the college newspaper. Class meets weekly for critique on news reporting, writing, editing, makeup, and production of the campus newspaper. May be repeated for a maximum of six units.
Prerequisite: ENGL-235
Terms Typically Offered: Fall and Spring.

## ENGL-325 Period Focus: 3 Credits

The study of the literary output of a particular period. The period will vary according to the instructor, but the class might cover the literature of Romanticism, Modernism, the Medieval period, the Eighteenth Century, or the Latin American Boom. May be repeated for credit.

## ENGL-335 Genre Focus: 3 Credits

The study of the development and variations of a particular literary form. The genre will vary according to the instructor, but the class might cover the novel, short story, poetry, or autobiography. May be repeated for credit.

## ENGL-336 Theopoetics 3 Credits

Theopoetics can be defined as "the study and practice of making God known through text" (keef-Perry, 579). This course will explore how artists have attempted to "make God known" throughout a broad range of writing in English. Although poets do not write theology, they do use language to describe how theology and theological experience is understood by the individual in his or her own unique cultural context. The focus of this class will be upon shorter, lyric works, the drama, and short story. NonEnglish majors may receive credit for ENGL-230C by taking this course as a substitute.
Prerequisite: ENGL-120

## ENGL-340 Children's Literature 3 Credits

Reading and evaluating literature written especially for children and young adults. Includes a historical as well as a genre approach. (School for Professional Studies Course).
Prerequisite: ENGL-220C
Terms Typically Offered: Spring.

## ENGL-350 Creative Writing 3 Credits

This course serves as a foundation for creative writing, introducing the student to the three primary genres that make up that world - poetry, fiction, and drama. Students will study/review the fundamentals and theory specific to each genre; read and analyze professional poems, stories, and plays; read and critique each other's work; and most Prerequisite: ENGL-220C
Terms Typically Offered: .

## ENGL-360 Dramatic Lit: Script Analysis 3 Credits

This course is cross-listed with THEA-360. This course introduces the student to history's most influential stage, which gives the student skills with which to analyze critically the script in order to understand the work of each playwright. Lab fee.
Terms Typically Offered: Spring.

## ENGL-375 The Art of the Memoir 3 Credits

This advanced composition course is designed to acquaint students with a wide range of classical and contemporary strategies for writing purposeful and persuasive prose. It also equips students with options for personal narration and reflection to create a storyline out of life experience. Students cast themselves as compelling characters through concrete exercises and studies in successful memoir models of craft and form.
Prerequisite: ENGL-220C
Terms Typically Offered: Spring.

## ENGL-384 Digital Storytelling 3 Credits

This class explores the interactivity and narrative of digital media through the creation of audio and video projects. Students will learn to think creatively about digital storytelling and the class will offer hands-on experiences in video and podcast production. May be repeated one time for credit.
Prerequisite: ENGL-120C
Terms Typically Offered: On Demand.

## ENGL-424 American Diversity 3 Credits

Students will gain exposure to historically marginalized groups in America by studying fiction and nonfiction traditionally overlooked in the American literature canon. Students will examine how systems of power and privilege operate in the United States and gain a critical understanding of human dignity in our diverse contemporary society. Prerequisite: ENGL-120C
Terms Typically Offered: Fall.

## ENGL-425 Author Focus 3 Credits

The intensive study of the literary achievement of a single author. Content will vary according to instructor, but might include Margaret Atwood, Jorge Luis Borges, William Faulkner, James Joyce, C. S. Lewis, Clarice Lispector, John Milton, Toni Morrison, J. R. R. Tolkien, or Mark Twain. May be repeated for credit.
Terms Typically Offered: Fall and Spring.

## ENGL-428 Travel Writing 3 Credits

This course is designed to introduce the creative writer to the genre of travel writing. Students will develop and apply critical vocabulary through in-class discussion and critique, and submit at least one piece of writing for professional publication.
Prerequisite: ENGL-220C
Terms Typically Offered: Spring.

## ENGL-433 Global Voices: World Literature 3 Credits

An examination of the contours of international literature, including classical Western mythology plus European, African, Asian, and Latin American literature from antiquity up to the present. This course fulfills the departmental requirement for world literature. Non-English majors may receive credit for ENGL-230C by taking this course as a substitute. Terms Typically Offered: Fall.

## ENGL-437 Advanced Journalism 3 Credits

Students hone their reporting and newswriting skills, including interviewing, researching public records, fact-checking and covering spot news, speeches, court cases, public meetings, and other hard news. This class includes numerous in-class and out-of-classroom reporting and writing assignments.
Prerequisite: Take ENGL-235
Terms Typically Offered: Spring.

## ENGL-438 Creative Writing Workshop 3 Credits

The theory and practice of writing a particular literary genre. Genre will vary according to the instructor, but might include screenwriting, poetry, or the short story. May be repeated for credit.
Prerequisite: ENGL-220C
Terms Typically Offered: Spring.
ENGL-442 Playwriting 3 Credits
Development of scriptwriting techniques as applied to stage and film. The student will be required to develop and write a one-act stage. Lab Fee.
This course is cross-listed with THEA-442.
Prerequisite: ENGL-220C
Terms Typically Offered: Spring.

## ENGL-443 Creative Nonfiction 3 Credits

This is a course for writers who have a committed interest in creative non-fiction, such as personal essay, literary journalism, science writing, memoir, and other non-fiction genres, and are comfortable writing longer works of prose. Students will work cooperatively to share and improve each other's work in a workshop setting.
Prerequisite: ENGL-220C
Terms Typically Offered: Fall.

## ENGL-450 Internship: Teaching English 1-3 Credits

The student selects and attends the sessions of ENGL-120C, ENGL-220C, or ENGL-230C course; meets with the instructor to prepare for class sessions; teaches a few sessions; discusses in retrospect the conduct of the class; agrees upon criteria for grading papers and other evaluation of students. May be repeated for a maximum of six units with a different instructor or a different course. Open to students with senior class standing and with a GPA of 3.0 or higher.
Prerequisite: ENGL-240C

## ENGL-451 Internship: Writing 1-3 Credits

Actual work experience in a business firm, academic program, publishing industry, or other professional setting as a writer, providing an opportunity for the practical application of student writing, editing, or multimedia skills under direct supervision. Reports to the supervising professor are required. Students are required to work thirty hours for each academic unit hour received. May be repeated to a maximum of six units. Course is open to students with Sophomore, Junior, or Senior class standing and with a GPA of 3.0 or higher.
Prerequisite: ENGL-240C

## ENGL-453 Language, Culture, and Linguistics 3 Credits

This course is cross listed with ANTH-453. This course surveys the acquisition and use of language within a cultural context. It examines the relationship of language to culture, language acquisition, and language analysis or linguistics, emphasizing the utility of such knowledge for educators. Stress is given to understanding language's reciprocal relation with culture, the nature of language systems, and linguistic analysis to enable educators a better comprehension of second language acquisition within learning environments.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: Fall and Spring.

## ENGL-455 Shakespeare Through the Ages 3 Credits

An in-depth survey of Shakespeare's major works within the historical and cultural context of the Renaissance. This investigation of his oeuvre includes the close reading of tragedies, comedies, romances and history plays with an eye towards the ways in which he revolutionized genre. This course involves class discussion, quizzes, texts, papers and performance, and it fulfills the departmental required for Shakespeare. This course is cross-listed with THEA-455.
Terms Typically Offered: Fall.

## ENGL-458 Digital Writing and Design 3 Credits

In this course, students will prepare for the types of digital writing and design required in today's job market and learn to use digital tools to write for diverse audiences on various platforms. Students will produce resumes, personal websites, and online portfolios to showcase their academic and professional experiences, and they will collaborate on contemporary professional writing projects such as social media campaigns, content marketing, and visual data creation.
Terms Typically Offered: Fall.

## ENGL-460 Digital Writing and Design 3 Credits

In this course, students will prepare for the types of digital writing and design required in today's job market and learn to use digital tools to write for diverse audiences on various platforms. Students will produce resumes, personal websites, and online portfolios to showcase their academic and professional experiences, and they will collaborate on contemporary professional writing projects such as social media campaigns, content marketing, and visual data creation.
Prerequisite: ENGL-220C
Terms Typically Offered: Fall.

## ENGL-464 Thematic Focus 3 Credits

The in-depth comparative study of a particular literary theme or topic from several perspectives. Texts may be chosen from a variety of genres including prose, poetry, drama, and theory; they may also come from differing cultures and periods. Content will vary according to instructor but might include Christianity, translation studies, deconstruction, or feminist thought.
Terms Typically Offered: Fall and Spring.
ENGL-465 Becoming a Reader: Theory/Crit of Lit 3 Credits
A historical survey of literary theory from the time of Plato to the contemporary era. Various writing projects are designed to assist students in their development as scholarly researchers. This course fulfills the departmental requirement for literary theory. Terms Typically Offered: Spring.

ENGL-470 Special Topic: 1-3 Credits
Study of a special topic, focusing upon a literary period, genre, and/or author(s). May be repeated for credit.

## ENGL-472 Media Ethics 3 Credits

Students will study the role of journalism in a democratic society and develop an understanding of ethical questions faced by journalists.
Topics will include: freedom of the press, ethics, law and public policy, global media, and alternative journalism.
Terms Typically Offered: Spring.
ENGL-480 Individual Studies: 1-3 Credits
Prerequisite: ENGL-220C

ENGL-499C Synecdoche: Capstone 3 Credits
This course is designed to serve as a rite of passage for graduating seniors through their service as the editorial board for Synecdoche, the English department's literary journal, and the submission of a portfolio of the student's four years of work as an English major. This course fulfills the Core Curriculum Capstone requirement for English majors. Terms Typically Offered: Spring.

## Environmental Sciences (ENVR)

## ENVR-150C Intro to Environmental Science 3 Credits

An introductory course focusing on the scientific analysis of environmental issues. Using core concepts from physics, chemistry, biology and earth science, students will examine key issues associated with sustaining biodiversity, natural resources, environmental health, and human societies. Topics will include ecological principles; land, water and energy use; epidemiology and toxicology; air, water and solid waste pollution; ecological economics; and environmental policy, law and planning. This course fulfills the University Lab Science CORE requirement. The course has a corresponding laboratory course. Co-Requisite: ENVR-150CL
Terms Typically Offered: Fall.

## ENVR-150CL Intro to Environmental Science Lab 1 Credit

An introductory complementary lab course focusing on the methods of collection and analysis of environmental samples. The Environmental Science laboratory focuses on environmental issues such as climate variation, atmospheric pollution and non-point-source water pollution. The course is made up of laboratory exercises with up to two field labs. In this course, students learn to investigate the natural world through the process of the "scientific method." Lab exercises provide an opportunity to make scientific observations, ask questions, develop explanations, design experiments and gather data. The lab exercises are designed to provide a basic understanding of how scientists investigate the world and the terminology that is used. Students have the opportunity to put the lab experience into real world scientific investigation. The course culminates in a field research project. Laboratory Course for 3 hours and lab fees. Co-Requisite: ENVR-150C
Terms Typically Offered: Fall.

## ENVR-205C Introduction to Geology 3 Credits

An introductory course focusing on the study of the kind and arrangement of materials composing the earth's crust and the geological processes at work on and within the earth's surface. This course covers the fundamentals of geology: Rocks, minerals, geologic time, plate tectonics, earthquakes, volcanoes, surface processes, and earth resources. This course fulfills the University Lab Science CORE requirement. The course has a corresponding laboratory course. Terms Typically Offered: Fall.

## ENVR-205CL Introduction to Geology Laboratory 1 Credit

Corresponding laboratory for identification of rocks and minerals. Introduction to topographic maps and how they are used to interpret geologic processes and geologic history. Interpretation of geologic maps and data relating to earthquakes and plate tectonics. Course will consist of local field excursions and laboratory exercises.
Pre- or Co-Requisite: ENVR-205C
Terms Typically Offered: Fall.

## ENVR-305 Intro to Soil Sciences 3 Credits

Quantitative study of the chemistry of the solid, liquid, and gas phases in soils and sediments. Topics include solid and solution speciation, mineral solubility, ion exchange and adsorption reactions, oxidation-reduction, and the chemistry of organic contaminants and toxic trace elements in soil. Lecture, 3 hours.
Prerequisite: CHEM-121 and ENVR-150C
Terms Typically Offered: Spring, even years.

## ENVR-305L Intro to Soil Sciences Lab 1 Credit

Pre- or Co-Requisite: ENVR-305
Terms Typically Offered: Spring, even years.

## ENVR-320 Hydrology 3 Credits

Introduction to the scientific study of the hydrologic cycle. Covers the measurement and evaluation of hydrologic phenomena including the use of statistical methods. Explores computer techniques in hydrology with applications to water resource development and water quality problems, particularly those in California. Lecture, 3 hours.
Prerequisite: CHEM-121 and ENVR-150C; or permission of instructor Terms Typically Offered: Spring, odd years.

## ENVR-335 Intro to Atmospheric Sciences 3 Credits

Covers the structure of the atmosphere and man's impact upon it, especially the causes and consequences of air pollution. Addresses air quality standards and the stratospheric and tropospheric ozone. Also introduces the chemistry of air pollution and air pollution control strategies. Lecture, 3 hours.
Prerequisite: CHEM-121 and ENVR-150C; or permission of instructor Terms Typically Offered: Fall, even years.
ENVR-405 Intro to Geo Info System (GIS) 3 Credits
In this introductory course, students become familiar with the hardware and software components of a Geographic Information System and review GIS applications. Topics include data structures and basic functions, methods of data capture and sources of data, and the nature and characteristics of spatial data and objects. Topics covered include the fundamentals of data structures, georeferencing, data classification, querying, cartography, and basic spatial data analysis. The course provides an overview of the capabilities of GIS software and applications of GIS. Class time is divided between lectures and GIS exercises that reinforce critical concepts. Students must complete a term project as part of the course and should appreciate the utility of Geographic Information Systems in decision-making. Lecture, 3 hours.
Prerequisite: ENVR-150C; or permission of instructor Terms Typically Offered: Fall, odd years.
ENVR-430 Environmental Policy and Impact Analysis 3 Credits Explores the principles and theories of analyzing environmental interactions. Provides a critical analysis of methodologies for assessing the physical, biological, and social impacts on the envrionment by human activities. Synthesizes the subject matter through preparation of an environmental impact report. Lecture, 3 hours.
Terms Typically Offered: Spring, odd years.

ENVR-450 Ug Research Or Internship Program 1-4 Credits
This course may be taken for a maximum of 4 units in one semester. A maximum of 6 combined units credit for ENVR-450 or ENVR-485 apply to graduation. This course is designed with the purpose of providing students the opportunity to conduct research off-campus at universities or STEM companies in the community. This course promotes early entry into the workplace for the student through part-time employment. This course requires actual work experience be sought in a biotech or STEMfocused business firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned instructor. Students are responsible for completing a project report and presenting their research results in ENVR-499C.

## ENVR-485 Undergraduate Research 1-4 Credits

Problems in advanced laboratory research with emphasis on research techniques. Research is carried out under the supervision of the instructor with weekly conferences to discuss results and direction. Emphasis will be placed on project management, safety, instrumentation, and research documentation skills. A written proposal and report emphasizing the literature background of the problem and the experimental results are required. The results of the research project will also be presented in an oral format in ENVR-499C. This course is a variable credit course. At least two units are required for all Environmental Sciences Majors.. A minimum of 50 hours of laboratory work is required per unit. May be repeated. Lab fee.

## ENVR-488 Enviromental Sciences Senior Project 2 Credits

An advanced course providing the opportunity for a student to create a novel and independent intellectual work by comparing, contrasting, and synthesizing recent research and his/her cumulative knowledge and understanding in Environmental Sciences. The precise nature, scope and format of the project must be developed and approved under the guidance of the instructor and in collaboration with the student's academic advisor. Senior projects are typically initiated in the Fall. The project results must also be presented in ENVR-499C. Lab fee.

## ENVR-499C Capstone Seminar/Environmental Studies 2 Credits

This course includes a senior thesis covering an approved research topic, analysis and evaluation of current research in the environmental sciences, and the integration of faith and the sciences. An oral presentation of the senior thesis in a classroom setting is required. In-class presentations by faculty and guests are part of the course. Laboratory research in an on-campus research program or an approved off-campus research program may be required for the senior thesis. This course fulfills the Core Curriculum Capstone requirement for Environmental Science majors.
Terms Typically Offered: Spring.

## Finance (FINC)

## FINC-P415 Data Analytics for Business Decisions 3 Credits

This course focuses on evidence-based leadership in solving real-world problems. Students are introduced to decision-making models and techniques used to evaluate alternative courses of action to improve business performance. (School for Professional Studies Course). Prerequisite: PSYD-265
Terms Typically Offered: Fall and Summer.
FINC-P470 Special Topic: 1-3 Credits

## FINC-P484 Financial Management 3 Credits

This course enables professionals to apply financial management theory in real business situations ultimately aimed at actionable decision making. Topics include cash flow optimization, profit maximization, forecasting \& budgeting, financial analysis, financing through debt or equity, valuation, and analyzing risk and return. BUOM 485 . Strategic Marketing Management (3 units) This course takes a case study approach to the development of marketing strategy and plans. Group discussions, presentations, and written case analyses are used with emphasis on both quantitative and qualitative assessment of management issues. Focus is on critical thinking and application of concepts and techniques to problem identification, analysis, synthesis, and evaluation. It is recommended that students first complete college math and accounting. (School for Professional Studies Course). Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Spring.

## FINC-320 Personal Financial Mgt 3 Credits

Personal management of budgets, bank accounts, loans, credit buying, insurance, real estate, security buying, and investments, providing students with effective management guidelines to manage their own personal financial affairs.
Terms Typically Offered: Fall.

## FINC-332 Money \& Banking 3 Credits

Nature and functions of money and its relation to prices; the monetary system of the United States; and functions of banks, bank credit, foreign exchange, and monetary control.
Prerequisite: FINC-335
Terms Typically Offered: On Demand.

## FINC-335 Corporate Finance 3 Credits

This course is designed to provide the student with an overview of the financial principles and techniques related to financial management within a business enterprise. The course will introduce tools for financial decision making, policy making, and analysis. Areas studied will include financial statement analysis, asset valuation methods, capital budgeting, cost of capital, and capital asset pricing model.
Prerequisite: ACCT-225
Terms Typically Offered: Fall and Spring.
FINC-340 Real Estate Finance 3 Credits
Overview of real estate principles, practices, and investment decisions. Topics include equity investment, finance, legal aspects, property development, real estate market analysis, and valuation.
Prerequisite: FINC-335
Terms Typically Offered: Spring.

## FINC-405 Investments 3 Credits

This course is designed to provide an overview of security valuation and trading methods; technical and fundamental analysis; portfolio theory, analysis, and allocation; and real estate principles and investment decisions.
Prerequisite: FINC-335
Terms Typically Offered: Fall.

FINC-421 International Finance 3 Credits
Integrates various aspects of the financial control system of the international firm utilizing case study analysis. Attention will be given to the application of complex problem solving and model building in dealing with financial and economic forecasting for the firm and the global economy.
Terms Typically Offered: Spring.
FINC-440 Entreprnrship: Formtn/New Ventures 3 Credits
The theory and practice of new venture development. Studies business opportunities from the point of view of the entrepreneur/manager rather than passive investor. Topics include strategic management, venture capital, and writing business plans.
Prerequisite: FINC-335 and MRKT-360
Terms Typically Offered: Spring.

## FINC-490 Seminar 1-3 Credits

Mutual investigation of one topic in finance of particular relevance to upper division majors. May be repeated for credit provided topics are dissimilar.
Terms Typically Offered: On Demand.

## Fine Arts (FINA)

## FINA-215C Intro to the Arts 3 Credits

A study of the stylistic character, interrelationship and cultural significance of music, painting, sculpture and architecture from antiquity to the present. A course fee covers the expense of field trips to art museums and concerts. Lab Fee.

## History (HIST)

## HIST-156C U.S. History 3 Credits

A study of the United States from colonial times to the present, seeking to help the student develop an understanding of the growth of the institutions and culture of the nation, and gain insight into the similarities and differences of people of different times, classes, and ethnicity. Strongly recommended as a prerequisite for upper division U.S. History courses.
Terms Typically Offered: Fall and Spring.

## HIST-203C World Civilizations I 3 Credits

Emphasizes the development of the basic ideas, institutions, individuals, and the outstanding cultural, economic, political, and social movements that have shaped humanity from ancient times. The course divides in 1648. Students may take either course to fulfill the core curriculum requirement. Strongly recommended as a prerequisite for upper division non-U.S. History courses. May be taken as an honors course.
Terms Typically Offered: Fall and Spring.

## HIST-204C World Civilization II 3 Credits

Emphasizes the development of the basic ideas, institutions, individuals, and the outstanding cultural, economic, political, and social movements that have shaped humanity from ancient times. The course divides in 1648. Students may take either course to fulfill the core curriculum requirement. Strongly recommended as a prerequisite for upper division non-U.S. History courses. May be taken as an honors course.
Terms Typically Offered: Fall and Spring.

HIST-262 Research Methods in Hist/Poli Science 3 Credits
This course is cross-listed with POLS-262. Writing intensive class which will teach students proper research techniques and the different aspects of History and Political Science scholarship. Class will focus on how to write a major research paper. Strongly recommended before taking upper-division History and Political Science courses. Satisfies ENGL-220C requirement. Students are expected to take HIST-262 or POLS-262, but if ENGL-220C was taken before a History \& Political Science major was declared, it will be an acceptable substitution. Must be passed with a "C" (not a "C-") or better to fulfill the core curriculum requirement. Prerequisite: ENGL-120C
Terms Typically Offered: Fall.

## HIST-275 Topics in American History 3 Credits

A study of five periods in American history emphasizing the development of a distinctive American culture. This course meets the Social Science requirement for the Professional Studies Program. (School for Professional Studies Course).

## HIST-302 Twentieth-Century Europe 3 Credits

The history of Europe in the twentieth century and beyond, including political, military, economic, religious, social, and intellectual aspects. Terms Typically Offered: On Demand.

## HIST-306 Chicano History 3 Credits

Introductory survey of Mexican American History in the U.S from the Pre-Columbian period to the present. The course will focus on MexicanAmerican contributions to the socio-political and cultural development of American life.
Prerequisite: TAKE HIST-262 POLS-262

## HIST-316 Teaching History/Multicultural Setting 3 Credits

This course is cross listed with EDUC-315. Students seeking to complete the subject matter program in Social Science must take this class as part of that program to ensure that they are integrating historical content with their pedagogical experience. This course provides the philosophical background and classroom experience necessary to introduce a person to the teaching profession in a public or private school in a multicultural environment. The purpose of the class is to assist the student to gain an understanding of the resources and challenges facing a teacher serving a linguistically and culturally diverse student population. Discussion will focus on the major professional organizations and educational research related to the philosophical, historical, and demographic developments of American education. Students will complete a 30hour field work component to observe classroom management and organization, Specially Designed Academic Instruction Delivered in English (SDAIE) instructional practices, and the curricula of grades $\mathrm{K}-12$. The role and function of Christian beliefs and values in the public school will be integrated throughout the course. This course is a prerequisite requirement for the Single Subject Credential program. Lab fee.
Terms Typically Offered: Fall and Spring.

## HIST-317 Modern China 3 Credits

A study of the political and social history of China from the midnineteenth century, when European aggression forced China on a path to modernization, to the present.
Terms Typically Offered: On Demand.

## HIST-319 Imperial China 3 Credits

A study of the political and social history of China from earliest times until the mid-nineteenth century.
Terms Typically Offered: On Demand.

HIST-322 History of England 3 Credits
A study of English history from the advent of the Tudors until the present, emphasizing the development of ideas and significant political, social, and economic institutions.
Terms Typically Offered: On Demand.
HIST-323 The British Empire 3 Credits
The history of the British Empire, from its beginnings in the sixteenth century to decolonization in the twentieth century, with a particular emphasis on cultural exchanges, imperialism, and how the empire shaped our modern world.
Terms Typically Offered: On Demand.

## HIST-334 History of Mexico 3 Credits

This course is a survey of Mexican history beginning with the preColumbian period to the present. There is an emphasis on Mexican culture and political development and its relationship to the United States and the Latin American world.
Prerequisite: Take HIST-262 or POLS-262 or ENGL-220C;
Terms Typically Offered: On Demand.

## HIST-339 Area Studies: 3 Credits

Area Studies is an intensive examination of specific regions of the world. Each course gives a brief survey of the region with attention to cultural history, ethnicity, family structure, political organization, technology, social structure, ethnopsychology, economics and ideologies present within the region. Issues of cultural difference and commonality, regional minority sub-cultural groups, and the role that this region plays within "global" culture are also addressed. (This course may be repeated for credit.) Areas of study in the rotation may include: Latin America, Pacific Rim, Japan, Middle East, Oceania, East Asia, South East Asia, China, Korea, Northern Africa, Sub-Sahara Africa, Eastern Europe, Western Europe, North America, and North America Diaspora. Terms Typically Offered: On Demand.

## HIST-345 The Birth of Modern Europe 3 Credits

Traces the development of ideas and events in Europe that shattered the old order and created modernity from 1648-1900. Major topics include the Scientific Revolution and Enlightenment, liberal political revolutions, the industrial revolution,nationalism, and imperialism.
Terms Typically Offered: On Demand.

## HIST-346 Ancient Greece and Rome 3 Credits

Neolithic background of Greece; Minoan and Mycenaean civilizations; the rise of city states, and classical Greek civilization to the Macedonian conquest of Alexander the Great. The life of post-Alexander Greek states and their collapse in the face of Roman growth. Roman civilization from republic to empire concluding with the collapse of their rule in 476 A.D. Latin culture, politics, and the growth of Christianity will be studied. Terms Typically Offered: On Demand.

## HIST-350 U.S. Military History 3 Credits

Traces the course of American military developments from the Revolution to the present, focusing on wars and with a special emphasis on Christian perspectives.
Terms Typically Offered: On Demand.

## HIST-356 History and Geography of California 3 Credits

A study of California from pre-Spanish times to the present, with emphasis on political, economic, and social developments and on its physical, political, and human geography.
Terms Typically Offered: Fall.

## HIST-358 The Revolutionary Atlantic 3 Credits

The English Civil War and Glorious Revolution, the American Revolution, the French Revolution, the Haitian Revolution, and Latin American Revolutions in comparative context.
Terms Typically Offered: On Demand.

## HIST-360 Women in American History 3 Credits

A survey of the role of women in the development of the nation, including the lives of average women and a look at some of the pioneers who reshaped attitudes about women's proper sphere.
Terms Typically Offered: On Demand.
HIST-363 America From Colony to Nation 3 Credits
The history of the thirteen English colonies in America from their beginnings through the American revolution and ending with the conclusion of the War of 1812. This seminar class will focus on specific topics such as the growth of slavery, religion, politics, and Revolutionary War, and the constitutional debates.
Terms Typically Offered: On Demand.

## HIST-366 The History of Human Rights 3 Credits

The history of the philosophy, laws, and religious precepts relating to the question of how human beings ought to be treated, from the ancient world to the present. The class culminates in a human rights advocacy project.
Terms Typically Offered: On Demand.

## HIST-373 U.S. 1945-1963: Good Old Days 3 Credits

Explores political, social, economic, and cultural developments in the days of the high Cold War.
Terms Typically Offered: On Demand.
HIST-374 U.S. Since 1963: Contemp America History History 3 Credits Traces the loss of consensus through the sixties, Vietnam, Watergate, the end of the Cold War, and beyond.
Terms Typically Offered: On Demand.

## HIST-425 Topics/Amer Relg Hist: 3 Credits

The class will focus on one topic particular to American religious history and study it in detail. The topics could include: women in American religious history, new religions and cults, evangelical Christian culture in America, specific religious groups such as the Puritans or evangelicals. Terms Typically Offered: On Demand.

## HIST-428 The History of Childhood 3 Credits

An advanced research seminar in which students combine age as a category of historical analysis. Students produce article-length papers of original research on a topic of their choice related to the experiences of children or ideas regarding childhood in history.
Prerequisite: ENGL-220C, HIST-262 or POLS-262
Terms Typically Offered: On Demand.
HIST-450 History Teaching Internship 1-3 Credits
Regular hours each week for classes and/or meetings are established at the beginning of the semester. The intern assists an instructor in planning and conducting a course and/or laboratory session. Maximum of three units. (Maximum six units for HIST-450, POLS-450, HIST-454,
POLS-454,HIST-457 and POLS-457.)
Terms Typically Offered: Fall and Spring.

## HIST-451 Renaissance and Reformation 3 Credits

The transition from medieval to modern civilization, emphasizing those forces and persons that brought about change in Europe's intellectual and religious outlook.
Terms Typically Offered: On Demand.
HIST-454 History and Political Science Internship 1-3 Credits
Internship with Vanguard University, local museum, archives, government office, or political campaign. Maximum of three units. (Maximum six units for HIST-450, POLS-450, HIST-454, POLS-454, HIST-457, and POLS-457.)
Terms Typically Offered: Fall and Spring

## HIST-457 Research Assistantship 1-3 Credits

Advanced work in research in History in an on-going project with the cooperation and supervision of a faculty member. Students will meet with instructor weekly to discuss findings and progress. Maximum three units. (Maximum six units for HIST-450, POLS-450, HIST-454, POLS-454, HIST-457, and POLS-457.)
Terms Typically Offered: On Demand.
HIST-469 Special Topic: U.S.: 1-3 Credits
Experimental or occasional courses not offered on a regular basis. May be repeated for credit.
Terms Typically Offered: On Demand.
HIST-470 Special Topic: Non-U.S. 1-3 Credits
Experimental or occasional courses not offered on a regular basis. May be repeated for credit.
Terms Typically Offered: On Demand.
HIST-480 Individual Studies: 1-4 Credits
May be repeated for credit. Consent of the instructor and department chair required.
Terms Typically Offered: On Demand.
HIST-490C Senior Seminar 3 Credits
This course is the required capstone course for History and Political Science majors. Students will conduct an original research project and present their research in oral and written form. This course will also help students prepare for their professional life after graduation. The class includes a focus on integration of faith and learning within the discipline. This is a personalized class, and while every student will complete the course requirements, the specific research projects will differ with each student.
Terms Typically Offered: Spring.

## Humanities (HUMA)

## HUMA-201 Beg.American Sign Language I 3 Credits

A study of the fundamentals of American Sign Language through the development of vocabulary, grammar, and syntax. American Sign Language is a visual/gestural language used by the majority of the Deaf in the United States. Cultural aspects of the Deaf Community will also be introduced through the course.

## HUMA-202 Beg.American Sign Language II 3 Credits

A continued study of the fundamentals of American Sign Language through the development of vocabulary, grammar, and syntax. American Sign Language is a visual/gestural language used by the majority of the Deaf in the United States. Cultural aspects of the Deaf Community will also be introduced through the course.

## HUMA-220H Mapping the City and Civilization I 3 Credits

Using the city as a focal point, this course is the first course in a twocourse sequence that introduces the student to a variety of historical periods, art, and literature, and addresses diverse authors, sultures, and experiences. This multidisciplinary course offers a basic introduction to the tool sand concepts necessary to the understanding and interpretation of literature, history and art. Students engaged in multimedia projects, essays, presentations, and independent projects. For Honor students only.
Terms Typically Offered: Fall.

## HUMA-221H Mapping the City and Civilization II 3 Credits

Using the city as a focal point, this course is a second course in a twocourse sequence that introduces the student to a variety of historical periods, art, and literature, and addresses diverse authors, sultures, and experiences. This multidisciplinary course offers a basic introduction to the tool sand concepts necessary to the understanding and interpretation of literature, history and art. Students engaged in multimedia projects, essays, presentations, and independent projects. For Honor students only.
Prerequisite: HUMA-220H
Terms Typically Offered: Spring.
HUMA-291 Special Topic in Humanities 1 Credit
Study of special topic focusing on culture, language, civilization or literature. May be repeated for credit.

HUMA-292 Special Topic in Humanities 2 Credits
Study of special topic focusing on culture, language, civilization or literature. May be repeated for credit.

HUMA-293 Special Topic in Humanities 3 Credits
Study of special topic focusing on culture, language, civilization or literature. May be repeated for credit.
HUMA-294 Special Topic in Humanities 4 Credits
Study of special topic focusing on culture, language, civilization or literature. May be repeated for credit.

HUMA-470 Special Topic: 1-3 Credits
HUMA-480 Ind St: 1-3 Credits
HUMA-490 Seminar. 1-3 Credits

## Intercultural Studies (ICST)

## ICST-102 Intro/Intercultural Studies 3 Credits

An introduction to the basic elements of intercultural communication and service. Course content will compare and contrast the cognitive processes, linguistic forms, and behavioral patterns within diverse cultural contexts. The student will integrate theory with practice in order to communicate effectively a holistic gospel.
ICST-272 Theology/Church Mission 2 Credits
Various models of Christian mission from biblical, theological, and historical perspectives will be explored. This interdisciplinary study, integrating theology and praxis, is designed to move the student toward a responsible understanding of an integral proclamation of the kingdom of God in a diverse cultural milieu. Core requirement for the religion major offered every fall.
Prerequisite: NT-101C; THEO-101C OR THEO-103C/H
Terms Typically Offered: Fall.

ICST-288 Theology in an Intercultural Context 3 Credits
A study of worldview theories and concepts in the context of intercultural studies. Major worldviews are mapped out geographically in order to investigate transcultural universals and divergences. The relationship between worldviews and theology in formulating contextual understandings of ministry will be examined. Core requirement for the religion major offered every fall.
Prerequisite: NT-101C; THEO-101C or THEO-103C/H
Terms Typically Offered: Fall and Spring.

## ICST-291 Special Topic: 1 Credit

Study of a special topic in intercultural and urban studies. May be repeated for credit.

## ICST-292 Special Topic: 2 Credits

Study of a special topic in intercultural and urban studies. May be repeated for credit.

## ICST-293 Special Topic: 3 Credits

Study of a special topic in intercultural and urban studies. May be repeated for credit.

## ICST-305 Evangelism 3 Credits

A study of the nature, scope and imperatives of evangelism in the church. Scriptural mandates and models for evangelism are examined, and personal skills in evangelism are developed.
Terms Typically Offered: Spring.

## ICST-345 Intercultural Comm in Ministry 3 Credits

A study of the processes of communicating the gospel interculturally. Special attention is given to the development of attitudes and tools that will enable effective communication interculturally.
Prerequisite: ICST-102
Terms Typically Offered: Spring.

## ICST-370 Language Intensive 3 Credits

A course designed to offer Religion majors in the Intercultural Studies concentration intensive language study as part of their required study abroad experience. The specific language studied will be in conjunction with the location of the selected study abroad program.

ICST-450 Intercultural Internship 3-12 Credits
Intercultural Internship is designed to integrate conceptual aspects of ministry with in-depth exposure to the practice of ministry within specific intercultural contexts. The internship experience is intended for students who wish to receive credit for guided reflection and supervision of a missions oriented experience by the on-scene supervisor/missionary and religion faculty member. Specific internship modules may also be taken during two, three, or four semesters. A maximum number of twelve units may be taken for internship credit.
Terms Typically Offered: Spring.

## ICST-460 Intercultural Field Studies 3 Credits

A course designed to integrate theory with field experience for Religion majors in the Intercultural Studies concentration. The intent is to reflect theologically in an intercultural ministry setting as part of the study abroad requirement. Special attention is given to examining one's spiritual gifts, calling, identity, and preparation, as well as developing an appreciation for other cultures, and understanding of the cross-cultural adaptation of a missionary.
Terms Typically Offered: Spring.

## ICST-470 Special Topic: 1-3 Credits

Study of a special topic in intercultural and urban studies. May be repeated for credit.
Terms Typically Offered: Fall and Spring.
ICST-480 Ind Studies: 1-3 Credits
May be repeated for credit.

## ICST-485 Current Issues/Mission Studies 3 Credits

This course examines selected themes critical to effective Christian mission. Issues considered range from the ethics of evangelism and proselytism to the cultural dynamics of politics and economics. This course is required for students in the in the Intercultural Studies concentration
Prerequisite: ICST-102
Terms Typically Offered: Spring

## ICST-490 Seminar: 1-3 Credits

Mutual investigation of one topic in intercultural and urban studies of particular relevance to upper division religion majors. May be repeated for credit.

## Kinesiology (KINE)

## KINE-119 Intercol.Athl: Dance 1 Credit

This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree.

## KINE-133C Musical Theatre Dance I 1 Credit

An introduction to dance for musical theatre. Dance styles covered will include tap, jazz, and musical theatre movement. This course is crosslisted with THEA-133C and fulfills the KINE-146C Activity Core Curriculum requirement.

## KINE-135 Theatre Movement 2-3 Credits

An introduction to the study of stage movement. Includes exercises and techniques to insure flexibility, meaningful aesthetic stage movement and physicality utilizing the Laban and Alexander techniques.

KINE-145C Lifetime Fitness/Wellness Lect 1 Credit
This course is currently on teach out. Students will gain an understanding of physical conditioning and wellness pertaining to the five components of health-related fitness. Students will develop an understanding of lifestyle related diseases and behavior modification techniques. In addition, there will be opportunities to participate in a variety of movement experiences and assessment laboratories related to fitness. It is recommended to take both lecture and activity within the same academic year.
Terms Typically Offered: Fall and Spring.

## KINE-146C Lifetime Fitness/Well Activity 1 Credit

Course may include any of the following topics: conditioning, exercise and nutrition, weight lifting, creative aerobics, badminton, beginning/ intermediate tennis, racquetball, bowling, golf, bicycling, disk activities, volleyball, basketball, soccer, softball, baseball, beginning/advanced taekwondo, surfing, hip-hop/funk, swing dance, core strengthening, kickboxing or other special topics of physical activity. Activity course meets the core activity requirement. Activity course may also be repeated for elective credit. Lab fee for some courses.

KINE-148C Lifetime Fitness and Wellness Lecture 3 Credits
This course presents information and activities which emphasize wellness, fitness and exercise and their relationship to health. This course also explores how health, fitness and faith interconnect. Lectures and a variety of accompanying laboratory activities help students make informed decisions about fitness, exercise, and health and contribute to the development of self-directed physical activity and lifetime wellness. Regular participation in physical activity is a component of the course. A fitness tracker either wearable or with a phone app will be required Terms Typically Offered: Fall and Spring.

## KINE-150 Biophysical Foundations of Kinesiology 3 Credits

Biophysical Foundations of Kinesiology is intended for entry-level students with an interest in human movement and physical activity. It provides a rigorous introduction to the biophysical foundations of kinesiology including applications of basic science to professional and clinical settings. Students will become familiar with the field of kinesiology, and how this field may serve as preparation for a wide range of professional pursuits, including post-graduate occupations, professional programs of study in medicine and allied health fields, and as a basis for kinesiology research careers. Key concepts concerning the anatomical, mechanical, physiological, and neurological basis of human movement will be taught.
Co-Requisite: KINE-150L
Terms Typically Offered: Fall.
KINE-150L Biophysical Foundations of Kinesiology Lab 1 Credit Biophysical Foundations of Kinesiology is intended for entry-level students with an interest in human movement and physical activity. The course focuses on laboratory experiences within each area; the anatomical; mechanical, physiological, and neurological basis of human movement. Lab Fee.
Co-Requisite: KINE-150
Terms Typically Offered: Fall.

## KINE-160 Intercollegiate Athl: Baseball 1 Credit

This course provides college credit for participating in intercollegiate athletics and the responsiblities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE-160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Spring.

## KINE-161 Intercollegiate Athl: Basketball-Men 1 Credit

This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Fall and Spring

## KINE-162 Intercollegiate Athl: Basketball-Women 1 Credit

This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Fall and Spring.

KINE-163 Intercollegiate Athl: Soccer-Men 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Fall.
KINE-164 Intercollegiate.Athl: Volleyball-Women 1 Credit This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Fall.
KINE-165 Intercollegiate.Athl: Volleyball-Men 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Spring.
KINE-166 Intercollegiate Athl: Softball-Women 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Spring.
KINE-167 Intercollegiate Athl: Cross Country-Men 1 Credit This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Fall.
KINE-168 Intercollegiate Athl:cross Country-Women 1 Credit This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than 4 hours of KINE 160-178 can be counted toward the degree.
Terms Typically Offered: Fall.
KINE-170 Intercollegiate Athl: Track-Men 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Spring.

## KINE-171 Intercollegiate Athl: Track-Women 1 Credit

This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Spring.

KINE-172 Intercollegiate Athl: Soccer-Women 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree.
Terms Typically Offered: Fall.
KINE-176 Intercollegiate Ath:Champions/Character Character 1 Credit This course is based upon the NAIA Champions of Character Program and is designed to assist the student-athlete in developing skills in the areas of academics, personal growth, career choice, and commitment to service. This course will help enhance the student-athlete's transition into Vanguard University Athletics and increase their understanding of the responsibilities of being a student-athlete. Enrollment is limited to members of athletic teams and is intended to be taken during the athlete's first semester at the University. Substitution of this class for the University's activity requirement is not permitted.
Terms Typically Offered: Fall.

## KINE-181 Intercollegiate Athl: Golf-Men 1 Credit

This course provides college credit for participating in intercollegiate athletics and the responsiblities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE-160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Fall.

## KINE-182 Intercollegiate Athl: Golf-Women 1 Credit

This course provides college credit for participating in intercollegiate athletics and the responsiblities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE-160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Fall.

## KINE-184 Intercollegiate Athl: Stunt 1 Credit

This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Spring.
KINE-185 Psychological and Sociocultural Foundations of Kinesiology 3 Credits
This course is intended for entry level students with an interest in human movement and physical activity. The focus of this course is on exploring the sociological and psychological perspectives of participation in physical activity across the lifespan.
Terms Typically Offered: Spring.
KINE-186 Intercollegiate.Athl: Wrestling-Men 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Spring.

KINE-189 Intercollegiate.Athl: Beach Vlybl-Women 1 Credit
This course provides college credit for participating in intercollegiate athletics and the responsibilities that come with being a Vanguard University student athlete. Substitution of this class for the University's activity requirement is not permitted. No more than four (4) hours of KINE 160-179; 181-182; 184; 186-189 can be counted toward the degree. Terms Typically Offered: Spring.

## KINE-215 Responding to Emergencies 2 Credits

An advanced First Aid class with an in-depth introduction to responding to a variety of emergency situations. It will provide the student with a complete understanding and knowledge of not only the skills and actions in an emergency situation, but also the physiology, reasoning, and knowledge behind the skills. ARC certification is obtained with the completion of this course. Lab Fee.
Terms Typically Offered: On Demand.

## KINE-217 Outdoor/Recreational Experience 1 Credit

This course encourages the student to identify and demonstrate an understanding of the value, meaning, and benefits of outdoor recreation and to explore a variety of outdoor adventure experiences. Lab fee. Terms Typically Offered: On Demand.

## KINE-218 Injury Recognition and Management 3 Credits

This course is lecture/lab based and will build on the student's background in human anatomy. Areas of focus include injury recognition, signs and symptoms of injuries specific to body parts, prevention and treatment of orthopedic injuries, wound management, splinting, and supportive taping techniques. Lab fee
Terms Typically Offered: Spring.

## KINE-221 Movement Anatomy 3 Credits

This course is a study of the structure of the human body with particular emphasis on the skeletal and muscular systems and their function in the mechanics of human movement.
Prerequisite: BIOL-204, BIOL-204L
Terms Typically Offered: Fall.

## KINE-231 Global Games/Recreatn/Activit 3 Credits

This class will provide students with an exposure to games, sports, and recreational activities from cultures around the world. The student will also be exposed to a variety of teaching methodologies including peer instruction and demonstration, cooperative learning groups, and participation in activities.
Terms Typically Offered: On Demand.

## KINE-235 Medical Terminology 2 Credits

This course introduces the student to the basic rules for interpreting, constructing, and spelling medical terms. Topics include structure; recognition; analysis; definitions; spelling; pronunciation, and a combination of medical terms from prefixes, suffixes, roots, and combining forms. The course is organized by body systems with an emphasis on anatomy and physiology, pathological conditions, and diagnostic treatments and procedures.
Terms Typically Offered: Fall and Spring.

KINE-242 Motor Behavior Across the Lifespan 3 Credits
This class will examine the basic principles of motor learning, motor control and motor development as they relate to human voluntary movement. Applications of principles through observations and assessment of motor behavior, from learning to performance, as well as motor development through the lifespan will be covered.
Prerequisite: KINE-150, KINE-150L
Terms Typically Offered: Spring.

## KINE-260 Principles of Therapeutic Rehabilitation 3 Credits

This class will examine how to assist a patient in healing from acute injuries by reducing swelling and pain, improving range of motion, strength and balance. Fundamentals of healing chronic injuries will also be incorporated. This course will include the physiological basis of using basic therapeutic modalities. This course will also include applied learning and techniques.
Terms Typically Offered: Fall.

## KINE-291 Special Topic: 1 Credit

Study of a special topic in kinesiology. May be repeated for credit. Terms Typically Offered: On Demand.

KINE-292 Special Topic: 2 Credits
Study of a special topic in kinesiology. May be repeated for credit. Terms Typically Offered: On Demand.

## KINE-293 Special Topic: 3 Credits

Study of a special topic in kinesiology. May be repeated for credit. Terms Typically Offered: On Demand.

## KINE-314A Upper Extremity Injury Assmt 2 Credits

This course is a combination of lecture and hands-on lab. It will build on the student's prior knowledge of anatomy and injury recognition. The focus of this course is to assist the student in developing a systematic, thorough method of injury assessment including the development of a medical history, palpitation points, range of motion tests, manual muscle tests, neurological tests, and special tests, This course will focus on the assessment of the head, cervical and thoracic spine, shoulder, elbow, wrist, and hand.
Prerequisite: KINE-218
Terms Typically Offered: Fall.

## KINE-314B Lower Extremity Injury Assmnt 2 Credits

This course is a combination of lecture and hands-on lab. It will build on the student's prior knowledge of anatomy and injury recognition. The focus of this course is to assist the student in developing a systematic, thorough method of injury assessment including the development of a medical history, palpitation points, range of motion tests, manual muscle tests, neurological tests, and special tests. The area of focus is the development of a systematic method of injury assessment. This course will focus on the assessment of the lumbar spine, hip and pelvis, knee, lower leg, ankle, and foot.
Prerequisite: KINE-218
Terms Typically Offered: Spring.

## KINE-321 Principles of Coaching 3 Credits

Analysis of the art of coaching, studying: motivation, communication, discipline, morale, and personality traits of individuals, and organizational and administrative procedures involved in scheduling, equipment purchasing and maintenance, and public relations.
Terms Typically Offered: On Demand.

## KINE-323 Physiology of Exercise 4 Credits

A study of the effects of exercise upon the systems and organs of the body. Analysis of these systems and how maximum efficiency in physical performance is achieved. Lecture three hours, laboratory three hours. Lab fee.
Prerequisite: BIOL-304, BIOL-304L
Terms Typically Offered: Spring.
KINE-329 Fitness Assessment and Exercise Prescription 3 Credits This course is designed to provide the student with the theoretical background and practical experience necessary for the safe and scientific evaluation of physical fitness, particularly as it relates to health and disease and the development of programs for remediation, maintenance and enhancement of motor and health related qualities. Lab fee. Prerequisite: KINE-150, KINE-150L
Terms Typically Offered: Fall and Spring.
KINE-333 Principles of Nutrition and Metabolism 3 Credits
Introduction to metabolism of protein, fat and carbohydrate; the biological role of vitamins and minerals; nutrient requirements during the life cycle; assessment of dietary intake and nutritional status. The course also discusses the biochemical role of nutrients in maintaining health, and the effects of over- and under-nutrition on disease pathogenesis.
The students will also gain an understanding of how nutrition is linked to physical activity and sport performance.
Prerequisite: BIOL-304
Terms Typically Offered: Fall.
KINE-343 Ldrshp/Mgt of Kinesiology Prog 3 Credits
This course focuses on the organization, administration, and management of programs within the field of Kinesiology (including physical education, intramural, interscholastic, intercollegiate athletics, athletic training, private sport and fitness, as well as recreation) programs/departments. Course content will emphasize (a) organization and leadership theory and practice, particularly as they relate to policy, politics, and power, (b) the practicalities of program development, management and supervision (i.e. communication, human resources, public relations, financial management, budgeting and purchasing, facilities, and equipment), and (c) issues of law, risk management, professionalism, ethics and philosophy as they relate to the field. Terms Typically Offered: On Demand.

## KINE-345 Sports Nutrition 3 Credits

This course is designed to address high level sport nutritional issues and, lend understanding to the physiological aspects and lifestyle practices of athletes involved in high-level human performance. Students will be introduced to the field of sports nutrition and the principles of ergogenic aids. The metabolism of nutrients will be emphasized as they pertain to athletic performance, and students will be familiarized with the nutritional practices that optimize athletic performance. In addition, body composition changes desirable to achieve optimal competitive efforts will be discussed.
Prerequisite: KINE-333
Terms Typically Offered: Spring.

## KINE-350 Kinesiology Internship 1-5 Credits

This course provides the student with opportunities to demonstrate competencies developed in previous courses by working in an agency under the supervision of a qualified practitioner. For every 1 credit of KINE 350 registered, the student will engage in 45 hours of internship.
Terms Typically Offered: Fall, Spring, and Summer.

## KINE-380 Rehabilitation Techniques 3 Credits

This course is designed to meet the needs of students pursuing careers in physical therapy and athletic training. It is a beginning rehabilitation course for the purpose of instruction in the functional stages of rehabilitation along with teaching the student a variety of rehabilitation techniques specific to each body segment. The course will include lab sessions in rehabilitation techniques.
Prerequisite: KINE-260
Terms Typically Offered: On Demand.

## KINE-395 ECG and Exercise Testing 3 Credits

The course is designed to teach the students how to read and interpret an electrocardiogram as well as conduct and evaluate graded exercise tests. This course has great practical application for students who seek to pursue careers that involve exercise stress tests, especially cardiac rehabilitation. Lab fee.
Prerequisite: BIOL-304
Terms Typically Offered: Fall.

## KINE-421 Biomechanics 3 Credits

Provide students with an understanding of mechanical principles of movement and their application to performance. Qualitative and quantitative analyses of movement will be utilized.
Prerequisite: KINE-221
Terms Typically Offered: Spring.

## KINE-422 Ethics in Health Care 3 Credits

This course will introduce the student to the principles of medical ethics for the purpose of preparing the student for the difficult and controversial issues they will have to face in the allied health field. This class will enable the student to understand, consider, and place in the context the critical social, ethical, legal, and regulatory issues in the health care system.
Terms Typically Offered: Spring, even years.

## KINE-430 Principles of Strength \& Conditioning 3 Credits

This course takes a multi-faceted approach to the science of strength training. Topics to be covered include: exercise physiological concepts and applications, testing and evaluation, beginning and advanced flexibility and exercise techniques, program design, periodization, aerobic and anaerobic training considerations, nutrition, performance enhancing substances, exercise prescription for the athlete, and organization and administration of an exercise facility. This course will also provide an opportunity for the student to develop sport specific programs. Ultimately this course should prepare the student to successfully pass the National Strength and Conditioning Associations' exam for the Certified Strength and Conditioning Specialist credential (CSCS).
Prerequisite: KINE-323, KINE-329
Terms Typically Offered: Spring.

## KINE-433 Phys Educ/Secondary Schools 3 Credits

Provides the student with instruction and experience in teaching physical education to the secondary student. Through observation, research, and class lecture/discussion, the students will be equipped to develop and teach physical education curriculum. This course introduces principles that focus on the development of physical, social, emotional, and mental skills for the secondary student.
Prerequisite: KINE-325, KINE-335
Terms Typically Offered: On Demand.

## KINE-435 Physical Ed for Elem Schools 3 Credits

This course is designed to teach the student how to incorporate the components of movement, dance, fundamental movement patterns, fitness activities, and social skills into an educational movement program for children, specifically K-6.
Terms Typically Offered: Fall.

## KINE-440 Research/Stats in Kinesiology 3 Credits

The students are introduced to research design and methods as well as basic statistical procedures for analyzing data. The concepts learned in class are integrated into a data-based kinesiology research project. Prerequisite: Take MATH-265C
Terms Typically Offered: Fall.

## KINE-443 Sport Psychology 3 Credits

This course is designed to introduce students to the psychological aspects of sport and physical activity. From the sport perspective, emphasis will be placed on mental preparation of teams and individuals for competition. From the exercise perspective, group dynamics, motivation and exercise adherence will be covered.
Prerequisite: PSYC-103C
Terms Typically Offered: On Demand.

## KINE-450C Capstone Kinesiology Senior Project 3 Credits

This course is designed to integrate the student's faith with their profession. The student will have opportunities to engage other professionals within the field of Kinesiology through guest speakers, and will be given the opportunity to reflect on their own faith journey. Students will also be required to complete a senior research project on the topic of their choice with instructor guidance and permission Terms Typically Offered: Spring.

## KINE-451 Adapted Phys Activ, Rec \& Sport 3 Credits

Principles and procedures in selecting and sequencing learning activities of school age children with disabilities that require special physical programs or adapted activities in the regular program.
Terms Typically Offered: On Demand.

## KINE-455 Kinesiology Teaching Internship 1-3 Credits

The student will meet regular hours each week for classes and/or meetings that are established at the beginning of the semester with the supervising professor. The intern assists an instructor in planning and conducting a course and/or laboratory sessions. Course can be repeated for a maximum total of 3 units.
Terms Typically Offered: Fall and Spring.
KINE-470 Special Topic: 1-3 Credits
Study in a special topic in the field of kinesiology. May be repeated for credit.
Prerequisite: Take Kine-221
Terms Typically Offered: On Demand.
KINE-480 Individual Studies 1-3 Credits
May be repeated for credit.
Terms Typically Offered: On Demand.

## Liberal Studies (EDUC)

## EDUC-100 Introduction to Education 3 Credits

This course explores the role of education and teaching in modern American Society. Current political and social issues and their impact on schools are addressed; and career opportunities and expectations for teachers are explored. Students are encouraged to assess and reflect upon their own educational experiences, skills, and learning styles as they interact with current practitioners and education literature. Students complete a 15 -hour fieldwork component. May not be taken concurrently with EDUC 315. Must be passed with a C (not C-) or better to fulfill the Liberal Studies major requirement.
Terms Typically Offered: Fall, Spring, and Summer.
EDUC-213 Foundations of Dance for Elementary Teachers 1 Credit This course introduces students to the world of elementary dance curriculum and pedagogy through a thought-provoking exploration of the development of fundamental movement skills. Students develop the knowledge, skills and attitude necessary to successfully implement a dance and drama program to support the diverse needs of elementary school students. Students are provided with guided opportunities to explore performance and choreographic experiences that build skills in improvisation and collaboration. This course is cross-listed with THEA-213
Terms Typically Offered: Fall, Spring, and Summer.
EDUC-220C Researched Writing for Liberal Studies Majors 3 Credits This course serves as an introduction to topics and issues in the field of education for Liberal Studies majors. Students are guided in thinking about and moving toward their future role as a teacher. Students are taught how to read and comprehend research in education and to write research papers from a place of understanding the context, process, and audience for research writing. This course focuses on the process of writing in APA style. Must be passed with a C (not C-) or better to fulfill the core curriculum requirement.
Terms Typically Offered: Fall, Spring, and Summer.

## EDUC-242 Pedagogy/Practice in Theatre for Youth 3 Credits

This course provides methods and materials for drama structures and activities as applied to the elementary classroom. Participants will explore how to use drama as a gateway to the curriculum, as well as a way to motivate students, build classroom community and manage the classroom. Participants investigate through the lens of a teaching artist, classroom teacher and/or drama teacher how to adapt the work to suit their needs, and collaboratively present lessons. This course is crosslisted with THEA-242.
Terms Typically Offered: Spring.
EDUC-250 Intro to Early Childhood Education 3 Credits
Students explore historical and current research in early childhood education, primary models of curriculum and pedagogy in the field, and the relationship between critical aspects of young children's development and the creation of inclusive learning opportunities for all children, including children at risk. The concept of developmentally appropriate practice and its application across different developmental levels and early childhood classrooms is introduced and connected.
Prerequisite: EDUC-100
Terms Typically Offered: Fall, Spring, and Summer.

EDUC-305 Tutoring in an Urban Setting 1-3 Credits
Directed tutoring of elementary and secondary students in selected tutorial centers/schools located in urban settings. Enrollees must complete 30 hours of supervised tutoring in an approved urban tutorial center or school site for each unit. Written critical incident reports are required. Limited enrollment by permission only. See the Chair of the Department of Liberal Studies for further information.
Terms Typically Offered: Fall, Spring, and Summer.

## EDUC-315 Teaching in a Multicultural Setting 3 Credits

Students seeking to complete the Single Subject Matter Program in English must take this course as part of that program to ensure they are integrating literary content with their pedagogical experience. This course provides the philosophical background and classroom experience necessary to introduce the student to the teaching profession in a public or private school in a multicultural environment. The purpose of the class is to assist the student in gaining an understanding of the resources and challenges facing a teacher serving a linguistically and culturally diverse student population. Discussion focuses on the major professional organizations and educational research related to the philosophical, historical, and demographic developments of American education. Students complete a 30-hour field work component to observe classroom management and organization, Specially Designed Academic Instruction Delivered in English (SDAIE) instructional practices, and the curricula of grades K-12. The role and function of Christian beliefs and values in the public school are integrated throughout the course. This course is a prerequisite requirement for Multiple and Single Subject Credential programs. Lab fee.
Prerequisite: EDUC-100 - This course is cross listed with HIST-316. Terms Typically Offered: Fall, Spring, and Summer.

## EDUC-326 Child and Adolescent Development 3 Credits

This course is recommended for students interested in professions involving children. Drawing mainly from an education psychology perspective, this course covers the process of human development from conception through adolescence. Emphasis is placed upon development that enables one to reach physical, mental, emotional, and social maturity. The primary goal of this course is to introduce students to the research that underlies effective teaching practices and to provide practice applying content. Students are exposed to the psychology behind teaching and learning, as it exists both inside and outside the classroom.
Terms Typically Offered: Fall, Spring, and Summer.

## EDUC-327 Child, Family and Community 3 Credits

Examines the developing child in a societal context focusing on the interrelationship of family, school and community; and emphasizes historical and socio-cultural factors. The processes of socialization and identity development are highlighted, showing the importance of respectful, reciprocal relationships that support and empower families. Prerequisite: EDUC-100
Terms Typically Offered: Spring.

EDUC-330 Integrating Technology in Classroom Teaching 3 Credits A study of the nature and use of technology in the educational process. An emphasis is placed upon both teachers and students using a variety of technology to enhance a content standards based curriculum. Topics studied include: computers, interactive white boards, scanners, digital cameras, PDA's, digital projection, software, word processing, PowerPoint, and other technology that assists educators or is currently used with students in K-12 classrooms. This course meets the Level One technology standards for a California teaching credential.
Terms Typically Offered: Spring.

## EDUC-342 Language Acquisition in Linguistically Diverse Classrooms 3

 CreditsThis course explores strategies and techniques to help support the success of linguistically and culturally diverse students. Includes an introduction to the processes by which children acquire language. Special attention is given to the practical application of linguistic theories of language acquisition to teaching and tutoring. Students learn how to design lessons for children and young adults that use a communicative, interactive approach. Students investigate, critique and use a variety of EFL materials, and are required to perform 10 hours of fieldwork in an English tutoring center and classroom.
Terms Typically Offered: Spring.
EDUC-344 Psychological Foundations of Education 3 Credits
This course introduces concepts, theories, and research in educational psychology. The topics covered include cognitive development during the school years, learning theories, instructional approaches, motivation, assessment, and individual differences. Includes application of psychological principles to the education process, role of the teacher and learner, human growth and development, learning styles, motivation, memory, transfer of learning, measurement and evaluation, research and experimentation in learning theory.
Terms Typically Offered: Spring.

## EDUC-346 Introduction to Special Education 3 Credits

This course provides a basic understanding about the historical, legal, and social foundations of special education. Students explore strategies for working effectively with children and adolescents (K-12) by learning about the nature of mild/moderate disabilities (specific learning disabilities, cognitive impairments, and emotional and behavioral disturbances). The course examines legal issues and laws pertaining to special education, giving attention to school compliance and student and parent rights. Students observe a special education classroom for 10 hours. During fieldwork experience, students select several topics of interest to explore in depth, interview the fieldwork teacher to determine how he/she addresses those topics in the inclusive classroom, and make observations and recommendations for beneficial classroom practices. Terms Typically Offered: Fall.

## EDUC-356 Curriculum Methods in Elementary School Social Studies 1 Credit

This course focuses on preparing students to teach the state-adopted academic content standards for students in history-social science (K-8). Students explore events and periods from multiple perspectives by using simulations, case studies, cultural artifacts, works of art and literature, cooperative projects, and student research. California History serves as the basis of all coursework. Must be accepted into the Liberal Studies Integrated Teacher Education Program (ITEP).
Terms Typically Offered: Fall, Spring, and Summer.

## EDUC-385 Field Research Lab/Seminar 3 Credits

This course provides studentsan oppurtunity to gain experience in an on-going research experiment with a faculty member. Students will be exposed to contempoary research problems in an area of psychology and the application of research concepts. This course may meet off-campus durring the semester. Class may be repeated one time for credit.
EDUC-409 Foundations in Teaching for Multiple Subject 2 Credits Teacher candidates analyze the philosophical and historical background of public education in California. Candidates acquire a range of positive behavioral supports for students with the basic knowledge, skills and strategies for engaging and supporting diverse learners, including students with special needs, English learners, Standard English Learners, and students with other learning needs in the least restrictive environment. Candidates develop a plan to establish an inclusive and culturally responsive learning environment.
Terms Typically Offered: Fall and Spring.
EDUC-419 English Language Arts in Elementary Classrooms for Multiple Subject 3 Credits
This course covers theories, principles and instructional practices of reading/language arts instruction in the elementary classroom and includes: language acquisition; four communication skills of listening, speaking, reading and writing; diagnostic and early intervention techniques; and key themes of a balanced, comprehensive, instructional program. Specific content knowledge needed in preparation for RICA is aligned in this course.
Terms Typically Offered: Fall and Spring.

## EDUC-423 Instructional Design and Specific Pedagogy for Multiple Subject 4 Credits

In this course candidates strengthen their subject matter expertise and application by familiarizing themselves with subject matter content standards and appropriate pedagogical strategies for teaching specific subject matter disciplines (math, science, social studies, etc.).Working with the cohort faculty leader and expert practitioners, teacher candidates develop lessons for the diverse populations of students in today's classrooms using the Backward Design planning strategy that focuses on integrating subject-specific content standards, Common Core Literacy standards, and English Language Development standards. Candidates develop in-depth lesson plans utilizing Inductive, Deductive, and Cooperative methodologies.
Terms Typically Offered: Fall and Spring.
EDUC-424 Foundations in Teaching for Single Subject 2 Credits This course provides the philosophical and historical foundations of education. Teaching candidates begin the development of a reflective professional classroom philosophy. Candidates evaluate their philosophical bias related to the classroom and examine the professional and ethical behaviors, which contribute to teacher success in a school community. Additionally, this course prepares candidates with basic knowledge, skills and strategies for teaching diverse and special populations, including students with disabilities, students on behavior plans, and gifted and talented students in the general education classroom. Individuals become familiar with the cultural and individual diversity of the school community.
Terms Typically Offered: Fall and Spring.

EDUC-425 Early Supervised Fieldwork for Multiple Subject 4 Credits This early supervised field experience provides the candidate with an opportunity to work directly with learners in a University assigned elementary school classroom with a Master Teacher two days per week. Candidates observe and apply instructional strategies under the leadership of the Master Teacher to learn to manage and deliver instruction in the elementary classroom. Lab fee: Master Teacher stipend Terms Typically Offered: Fall and Spring.

## EDUC-426 Instructional Design and Subject Specific Pedagogy for Single Subject 4 Credits

In this course, candidates strengthen their subject matter expertise and application by familiarizing themselves with subject matter content standards and appropriate pedagogical strategies for teaching specific subject matter disciplines (math, science, social studies, etc.). These strategies focus on the candidates' prospective subject-specific credential and the diverse populations of students in today's classrooms. Working with the cohort faculty leader and expert practitioners, teacher candidates develop lessons using the Backward Design planning strategy that focuses on integrating subject-specific content standards, Common Core Literacy standards, and English Language Development standards. Candidates develop in-depth lesson plans utilizing Inductive, Deductive, and Cooperative methodologies.
Terms Typically Offered: Fall and Spring.

## EDUC-434 Curriculum Unit Planning for Single Subject 2 Credits

This course helps candidates to connect the subject matter content and standards to appropriate performance tasks and instructional strategies, as they learn to plan curriculum units. Candidates learn to model and assist students to integrate technology and media into content-specific literacy when conducting research, producing and publishing writing, creating multimedia presentations, and interacting and collaborating with others in this and other disciplines. Through cooperative methods, candidates learn that after a discovery activity, students need the opportunity to independently apply their learning.
Terms Typically Offered: Fall and Spring.

## EDUC-435 Supervised Fieldwork for Single Subject 4 Credits

This early supervised fieldwork experience provides the candidate with an opportunity to work directly with learners in a University assigned secondary classroom with a Master Teacher two days per week. Candidates observe and apply instructional strategies under the leadership of the Master Teacher to learn to manage and deliver instruction in the secondary classroom. Lab fee: Master Techer stipend Terms Typically Offered: Fall and Spring.

## EDUC-437 Curriculum Unit Planning for Multiple Subject 2 Credits

Teacher candidates develop an interdisciplinary unit plan, integrating knowledge of subject-specific pedagogical skills including Health and Physical Education. Teacher candidates collect and analyze student assessment data from multiple measures and reflect on their teaching practices and level of subject matter and pedagogical knowledge to plan and implement instruction.
Terms Typically Offered: Fall and Spring.

## EDUC-442 CaITPA Cycle 1 0.5 Credits

Effective July 2018, California law requires all Multiple and Single Subject teacher preparation programs to include a California Teaching Performance Assessment (CalTPA). The purpose of this course is to provide support for teacher candidates to demonstrate their knowledge, skills, and abilities learned through the teacher credentialing program to successfully pass this state assessment. This course is taken concurrently with EDUG 525 or EDUG 535.
Terms Typically Offered: Fall and Spring.

## EDUC-443 CaITPA Cycle 2 0.5 Credits

Effective July 2018, California law requires all Multiple and Single Subject teacher preparation programs to include a California Teaching Performance Assessment (CalTPA). The purpose of this course is to provide support for teacher candidates to demonstrate their knowledge, skills, and abilities learned through the teacher credentialing program to successfully pass this state assessment. This course is taken concurrently with EDUG 587 or EDUG 589.
Terms Typically Offered: Fall and Spring.
EDUC-444 Language Acquisition for Secondary Students 1 Credit
This course focuses on how to move middle and high school students who are non-English speakers into and through English language literacy. Teacher candidates read and discuss first and second language acquisition theories and the various programs appropriate for students at each level of fluency. By practicing methods of teaching English language development, teacher candidates engage in using strategies, techniques, and methods that have proved successful in fostering high achievement.

## EDUC-447 Metacognition/Reading Strategies for Secondary Students 1

 CreditSingle Subject candidates focus on theories and methods which enhance learning across the curriculum for middle and high school students. The course assists candidates in developing teaching methods that ensure students are successfully comprehending course content, accessing long-term memory, taking effective notes, and communicating learning concepts. Candidates learn to teach to the strength of each personality type. Candidates also learn the basics of explicit reading instruction at the secondary level.
Terms Typically Offered: Fall and Spring.

## EDUC-450 Liberal Studies Teaching Internship 1-3 Credits

Regular hours each week for classes and/or meetings are established at the beginning of the semester. The intern assists an instructor in planning and conducting a course and/or laboratory session. Maximum of three units. May be repeated for a maximum of six units.
Terms Typically Offered: Fall, Spring, and Summer.
EDUC-452 Literacy in Content Areas for Secondary Students 1 Credit Single subject candidates learn to write lesson plans for middle and high school students in their particular subject matter area integrating reading, writing, listening, speaking and thinking. Candidates explore the role of language fluency in comprehension and teach an integrated lesson which enhances content mastery.
Terms Typically Offered: Fall and Spring.

EDUC-455 Teaching Assistantship in Education 1-3 Credits
This course provides the student with an opportunity to work as a teaching assistant in a local school. Includes direct instruction of individuals and small groups. With permission of the supervising teacher, the student may conduct some whole-class instruction. Limited enrollment by permission only. See the Chair of the Department of Liberal Studies for further information.
Prerequisite: EDUC-315
Terms Typically Offered: Fall and Spring.

## EDUC-464 Use of Technology in the Classroom 1 Credit

A study of the nature and use of technology in the educational process. An emphasis is placed on Computer Assisted Instruction (CAI) and the selection of software with a hands-on approach to the use of word processing, spreadsheets, and other programs that are of assistance to educators or are currently used with students in K-12 classrooms. This course meets the CCTC standards for the level 1 technology requirement. Terms Typically Offered: Fall and Spring.
EDUC-470 Special Topic: 1-3 Credits
Study of a special topic dealing with education. May be repeated for credit.
Terms Typically Offered: Fall, Spring, and Summer.
EDUC-480 Individual Studies: 1-3 Credits
May be repeated for credit.
Prerequisite: EDUC-315
Terms Typically Offered: Fall, Spring, and Summer.
EDUC-486 Clinical Practice Seminar for Multiple Subject 2 Credits This seminar course includes reflection on advanced clinical practice experiences in elementary education and their connection with the Teaching Performance Expectations (TPEs). This course focuses on the connection between the community, family, school and classroom, and prepares candidates for the professional job market and continued professional growth and development.
Terms Typically Offered: Fall and Spring.

## EDUC-487 Clinical Practice Fieldwork for Multiple Subject 8 Credits

During clinical practice, credential candidates work directly with learners in a University assigned elementary classroom with a Master Teacher, five full days per week during the semester. Candidates experience the daily responsibilities of running a culturally and linguistically diverse classroom. Candidates practice under the expert monitoring of a Master Teacher with mentoring from a University Supervisor. Lab Fee: Master Teacher stipend
Terms Typically Offered: Fall and Spring.

## EDUC-488 Clinical Practice Seminar for Single Subject 2 Credits

Clinical practice experiences are designed to provide the candidate with a developmental and sequential set of activities that are integrated with the coursework and extend the candidate's learning through application of theory to practice with secondary students in California public school classrooms. This seminar course enhances the teach-reflect-revise cycle by allowing candidates to reflect on lessons taught in clinical practice, collaborate with peers, and revise their instruction for improved student learning.
Terms Typically Offered: Fall and Spring.

EDUC-489 Clinical Practice Fieldwork for Single Subject 8 Credits
During clinical practice fieldwork, credential candidates work directly with learners in a University assigned secondary classroom with a Master Teacher, 5 full days per week during the semester. Candidates experience the daily responsibilities of running a culturally and linguistically diverse classroom. Candidates practice under the expert monitoring of a Master Teacher with mentoring from a University Supervisor. Lab Fee: Master Teacher stipend
Terms Typically Offered: Fall and Spring.

## EDUC-490 Seminar. 3 Credits

Mutual investigation of one topic within the field of education that is of particular relevance to upper division liberal studies majors. May be repeated for credit.
Prerequisite: EDUC-315
Terms Typically Offered: Fall, Spring, and Summer.

## EDUC-499C Senior Capstone in Liberal Studies 3 Credits

Students investigate key ideas from the California Curriculum Frameworks and the California Student Academic Content Standards. Students address the integration of faith and learning and identify how this integration has deepened their understanding of each subject area. The culmination of this course is a portfolio that reflects evidence of lesson planning and implementation, identity as a teacher and researcher, and spiritual integration with teaching. Students are assigned to conduct 10 hours of fieldwork experience at a prearranged elementary school site, which serves as the primary basis of all classroom activities.
Terms Typically Offered: Fall, Spring, and Summer.

## Management (MNGT)

MNGT-P225 Career Transitions: Landing Your Ideal 0-3 Credits This course provides a comprehensive and strategic approach to the career search process. It follows a proven path of progressive steps to identify, plan, and achieve objectives in the chosen field. Included are approaches to connecting directly with hiring managers and demonstrating professional brand competence. The course provides students the tools needed to develop and promote individual competency that will set them apart from their competition. This course is offered Credit/Fail only. (School for Professional Studies Course).

## MNGT-P310 Design Thinking and Innovation 3 Credits

This course introduces students to the Design Thinking collaborative, mult-disciplinary and innovative human-centered approach to problem-solving. Examples from organizations that have successfully implemented the approach will be analyzed and the design thinking model will be applied as part of an experiential project. (School for Professional Studies Course).
Terms Typically Offered: Spring.

## MNGT-P311 Talent Acquisition and Total Rewards 3 Credits

This course examines the building blocks of a market-competitive compensation and benefits plan using industry best practices and addressing how employment laws, market forces, and labor unions impact compensation practices. Students learn how organizations create talent pipelines designed strategically to enhance business outcomes. Case studies are used to develop an effective recruiting, performance management, and succession plan process that evaluates employee contributions holisticaly. (Course previously listed under BUOM) Prerequisite: ENGL-200, MATH-109

MNGT-P312 Training/Development/Performance Mngt 3 Credits
This course identifies the knowledge and skills needed for effective management of individual and team performance. Students gain hands on experience by designing a needs analysis plan and implementing and evaluating a training and development activity. (Course previously listed under BUOM)
Prerequisite: ENGL-220, MATH-109

## MNGT-P313 Team Dynamics and Leadership 3 Credits

Study of group behavior and team leadership and how group dynamics affects performance, learning and organizational effectiveness. Emphasis is placed on building highly effective teams, resolving conflict, managing personalities, cultures, political agendas and varying skill levels while securing resources and managing stakeholder expections. Students develop strategies for efficient and productive group management and participate in team-based activities.(Course previously listed under BUOM)
Prerequisite: ENGL-220, MATH-109

## MNGT-P372 Organizational Behavior 3 Credits

Study of group behavior and how group functioning affects organizational effectiveness. Emphasis is placed on decision making and resolving conflict in groups. Students develop strategies for efficient and productive group management and determine which tasks are handled by groups and individuals. (School for Professional Studies Course). Terms Typically Offered: Fall and Spring.

## MNGT-P411 Managing Organizational Change 3 Credits

This course examines the facets of organizational change and provides students with the theoretical framework and practical skills for developing, implmenting, and evaluating effective change. Focus is also given to analysis of an oranization's structure, strategy, and resources as well as the cultural, legal, and technological context within which the organization functions. (School for Professional Studies Course).
Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Summer.

## MNGT-P412 Leadership Theory and Practice 3 Credits

Students examine historical and contemporary leadership theories, assess their own personal leadership styles and apply leadership concepts and skills through experiential activities.(Course formerly under BUOM)
Prerequisite: Must complete ENGL-220 and MATH-109

## MNGT-P413 Managerial Leadership 3 Credits

This course introduces students to the similarities and differences between management and leadership and identifies the best practices of both. Students learn how to develop and apply effective skills designed to make positive differences in their organizations and communities. Students assess their own managerial and leadership styles as part of an experiential project. (School for Professional Studies Course).
Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Spring.

MNGT-P425 Career Transitions: Landing Your Ideal Job 0-3 Credits This course provides a comprehensive and strategic approach to the career search process. It follows a proven path of progressive steps to identify, plan, and achieve objectives in the chosen field. Included are approaches to connecting directly with hiring managers and demonstrating professional brand competence. The course provides students the tools needed to develop and promote individual competency that will set them apart from their competition. This course is offered Credit/Fail only.

## MNGT-P457 Management Information Systems 3 Credits

Introduction to the Fundamentals of computing technology and the knowledge required to sufficiently understand the management of information systems in business organizations. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## MNGT-P464 Principles of Management 3 Credits

An overview of management and how leadership forms an integral part of it along with planning, organizing, staffing, leading and controlling/ evaluating. An examination of the field of management from the perspective of a manager wishing to be more effective. (School for Professional Studies Course).
Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Spring.

## MNGT-P470 Special Topic in Management 1-3 Credits

Study of a special topic in one of the fields of management. May be repeated for credit provided topics are dissimilar. (School for Professional Studies Course).
Terms Typically Offered: Fall and Summer.

## MNGT-P476 Human Resource Managment 3 Credits

An exploration of the values and perceptions of selected groups affecting social and economic life through an analysis of policies and procedures relating to recruitment, selection, training, development, and compensation of employees. Special attention is given to Equal Opportunity Employment and the Office of Safety and Health Administration legislation through a series of case studies and simulations. (School for Professional Studies Course).
Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Summer.
MNGT-P477 Managing the Nonprofit Org. 3 Credits
This course explores the special challenges of management of a nonprofit organization. Through cases, description, and theoretical analysis, students learn about the defining characteristics of the nonprofit sector, major differences between nonprofit and profit-making organizations, and government and business involvement with the nonprofit sector. Students acquire skills focused on governance, financing, and management of nonprofit organizations. (Course previuosly under BUOM)

## MNGT-325 Management Theory/Practice 3 Credits

An exploration of managerial and leadership roles as they relate to pursuing organizational goals in an efficient and effective capacity. Focuses on the four functions of managing organizations: planning, organizing, leading and controlling.
Terms Typically Offered: Fall and Spring.

## MNGT-330 Nonprofit Management 3 Credits

Integrates research, theory, and application into an overview of the management of non-profit organizations, including the scope and structure of the non-profit sector, fundraising and earned income strategies, non-profit lobbying and advocacy, managing international and global organizations, and social entrepreneurship. This course is open to all students with Sophomore, Junior, or Senior standing.
Terms Typically Offered: Fall.

## MNGT-342 Human Resource Management 3 Credits

Designed to address how organizations can gain a sustainable, competitive advantage through people. This course focuses on recruiting, selecting, and training a diverse workforce; appraising and improving performance; managing compensation and benefits; and enhancing employee-management relations in a global economy. This course is open to students with Sophomore, Junior or Senior class standing. Terms Typically Offered: Spring.

## MNGT-346 Organizational Behavior 3 Credits

Integrates the psychological and sociological aspects of human behavior as they relate to management of domestic and global organizations. Focus is on individual, group, and organizational behavior. Topics include communication, motivation, group dynamics, leadership, power, reward systems, organizational structure, and managing conflict and change. This course is open to students with Sophomore, Junior or Senior class standing.
Terms Typically Offered: Fall.

## MNGT-347 Leadership \& Quality Mngt 3 Credits

Explores the multifaceted world of leadership problem-solving and operations management together with their contemporary application. It focuses on the ongoing developments of analytical and strategic thinking and its relevance from a Quality Management perspective. This course is open to students with Sophomore, Junior or Senior class standing. Terms Typically Offered: Fall.

## MNGT-420 International Management 3 Credits

Focuses on the management of international enterprises. Topics include globalization and worldwide developments; the political, legal, and technological environment; international strategic management; and communication, motivation, and leadership across cultures. Terms Typically Offered: Fall.

## MNGT-470 Special Topic in Management 1-3 Credits

Study of a special topic in one of the fields of management. May be repeated for credit provided topics are dissimilar.
Terms Typically Offered: On Demand.

## MNGT-490 Seminar: 1-3 Credits

Mutual investigation of one topic in management of particular relevance to upper division majors. May be repeated for credit provided topics are dissimilar.
Terms Typically Offered: On Demand.

## Marketing (MRKT)

## MRKT-P314 Product Marketing and Brand Strategy 3 Credits

 Introduces students to new product/service planning techniques covering ideation and concept evaluation to product design, packaging messaging, segmentation, share projections, pricing, branding and global planning. Emphasis will be on buidling skills to think critically, creatively, and strategically about the process to design, build, communicate, leverage, and defend sustainable brands. The power of positioning and story-telling for both new and established brands will be examined. Prerequisite: Must complete ENGL-220 and MATH-109
## MRKT-P414 Digital Marketing and Analytics 3 Credits

This course focuses on digital marketing strategies and analytical tooks for assessment. The course covers theory and provides a practical approach to using marketing data sets, data mining and data visualization tools. Students are introduced to decision-making models and social media analytic tools and techniques used to evaluate alternative courses of action to improve digital marketing performance. Prerequisite: ENGL-220, MATH-109

## MRKT-P470 Special Topic in Marketing 1-3 Credits

Study of a special topic in one of the fields of marketing. May be repeated for credit provided topics are dissimilar.

## MRKT-P471 Principles of Marketing 3 Credits

An introduction to basic marketing theory and terminology. Students will analyze real-world cases exploring domestic and international marketing opportunities and problems, develop skills and confidence to identify and evaluate critical marketing data, and develop successful programs to solve business problems and capitalize on market opportunities. (School for Professional Studies Course).
Prerequisite: BUSN-P378
Terms Typically Offered: Fall and Spring.

## MRKT-P485 Strategic Marketing Management 3 Credits

This course takes a case study approach to the development of marketing strategy and plans. Group discussions, presentations, and written case analyses are used with emphasis on both quantitative and qualitative assessment of management issues. Focus is on critical thinking and applicaiton of concepts and techniques to problem identificaiton, analysis, synthesis, and evaluation. It is recommended that students first complete college math and accounting. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## MRKT-360 Principles of Marketing 3 Credits

Studies marketing and marketing strategy from a managerial approach. It explores placing products and services in markets at a fair price while meeting customer expectations. The course builds upon the classical "four Ps" theory, and examines marketing's contemporary ideas and practices.
Prerequisite: MATH-116C or MATH-170C; and BUSN-165C or PSYC-265C or itsequivalent.
Terms Typically Offered: Fall and Spring.

## MRKT-365 Marketing Research 3 Credits

Develops the skills needed to conduct and apply research for marketing decision making. Problem formulation, secondary data, primary research, and fundamentals of analysis are covered.
Prerequisite: MRKT-360
Terms Typically Offered: Spring.

## MRKT-366 Sales \& Sales Management 3 Credits

Probes and identifies responses and conduct of potential consumers to the various stimuli generated in the media.
Prerequisite: MRKT-360 and MNGT-325
Terms Typically Offered: Fall.

## MRKT-367 Multinational Marketing 3 Credits

Models for delivery of international promotions are studied with an emphasis upon cross-cultural considerations and complications.
Prerequisite: MRKT-360
Terms Typically Offered: Spring.

## MRKT-369 Consumer Behavior 3 Credits

Provides a usable understanding of current consumer behavior concepts and develops a background of knowledge that will enable the individual to apply these principles in marketing.
Prerequisite: MRKT-360
Terms Typically Offered: Spring.

## MRKT-370 Action Sports Marketing 3 Credits

This course is designed to equip students with an increased awareness of, interest in, and ability to positively contribute to marketing initiatives in the action sports industry. Students will learn the conceptual framework and strategies necessary for successful marketing within this unique and dynamic industry. Topics cover a broad spectrum, including: comparison with traditional marketing; company/industry analysis; customer analysis and demographics; product branding strategies; multi-media communications; channels of distribution; teams, events, and promotions. The class will take advantage of the close proximity to numerous action sports industry leading companies by scheduling dynamic guest speakers and several off-site visits.
Prerequisite: MRKT-360 with a "C" or better.
Terms Typically Offered: Fall.

## MRKT-464 Strategic Marketing 3 Credits

This course expands on a foundation related to the primary components of marketing including: market segmentation, research produce/ service, branding, price, marketing communication, and market channel strategies. The course offers a case study approach with large and small group discussion and presentations. A mix of global, e-based, profit, nonprofit, goods and services related organizations are studied. The primary focus is on application of concepts learned and stimulation of critical thinking skills such as analysis, synthesis, and evaluation.
Prerequisite: ACCT-321 or FINC-335; MNGT-325, BUSN-316 or BUSN-317; andMRKT-360 with a "C" or better.
Terms Typically Offered: Fall.

## MRKT-470 Special Topic in Marketing 1-3 Credits

Study of a special topic in one of the fields of marketing. May be repeated for credit provided topics are dissimilar.
Prerequisite: MRKT-360 and a minimum GPA of 2.5 in marketingcourses. Terms Typically Offered: On Demand.

## MRKT-490 Seminar. 1-3 Credits

Mutual investigation of one topic in marketing or particular relevance to upper division majors. May be repeated for credit provided topics are dissimilar.
Prerequisite: MRKT-360 and a minimum GPA of 2.5 in marketingcourses. Terms Typically Offered: On Demand.

## Mathematics (MATH)

## MATH-104 Math for Liberal Arts 3 Credits

A non-technical course emphasizing the ideas and concepts of mathematics. Algebra, number theory, set theory, geometry, statistics, probability, and analysis of the ideas and methods involved.

## MATH-105 Essential Mathematics 4 Credits

This course prepares students to understand the essential mathematical concepts in number sense, elementary algebra, sets of numbers, problem solving, ratios, proportions, percentages, and graphing linear equations and inequalities. The course is designed to introduce students to practical mathematical skills necessary for courses in business and statistics. Emphasis will be placed on the structural and logical foundations of business. (Meets Elective requirement only; not applicable to Natural Science/Math requirement). (School for Professional Studies course).

## MATH-106 Business Math 3 Credits

This course applies the principles and practices of mathematics to everyday business problems and situations. The course prepares students to understand the mathematical and business concepts in problem solving, ratios and proportions, percentages, simple and compound interest, graphing linear functions, and inventory valuation. The course introduces students to common mathematical skills necessary for courses in business. (Meets Natural Science/Math requirement). (School for Professional Studies Course).

## MATH-109 Mathematics for Statistics 4 Credits

This course prepares students to understand the mathematical and statistical concepts in problem solving, critical thinking, ratios and proportions, algebraic equations, sets and logic, probability and statistics, including frequency of distribution, statistical graphs, measures of central tendency, and measure of position and dispersion. The course introduces students to common mathematical skills necessary for coursework in statistics. (Meets Natural Science/Math requirement). (School for Professional Studies Course).
MATH-115C Applied Mathematics and Personal Finance 3 Credits This course introduces the use of mathematics as a logically thinking and problem-solving tool of practical applications, emphasizing inductive and deductive reasoning, graphs, tables, percentage as it applies to loans, mortgages, credit cards, etc., probability, statistics, and the use and misuse of numbers. Applications include variables, conditionals, and statistical functions. Fulfills the core curriculum requirement in mathematics.
Terms Typically Offered: Fall and Spring.

## MATH-116 College Algebra 3 Credits

Sets and real numbers, linear equations and inequalities, polynomials, functions, graphing linear and polynomial functions, exponential and logarithmic functions, systems of equations, matrices and determinants, sequences and series.

## MATH-116C College Algebra 3 Credits

Sets and real numbers, linear equations and inequalities, polynomials, functions, graphing linear and polynomial functions, exponential and logarithmic functions, systems of equations, matrices and determinants, sequences and series. Fulfills the Math CORE requirement.

## MATH-120 Math for Elementary Teachers 3 Credits

Introductory set theory, problem solving, basic algorithms, elementary number theory, geometry and coordinate geometry. Emphasis will be on the structural and logical foundations of mathematics.
Prerequisite: Take MATH-115C, MATH-170C, or MATH-180C;
Terms Typically Offered: Fall and Spring.

## MATH-145C Data Analysis 3 Credits

This course introduces the use of mathematics as a thinking and problem-solving tool, emphasizing data interpretation, graphs, tables, statistical arguments, probability, statistics, and the use and misuse of numbers. Spreadsheet applications include variables, conditionals, and statistical functions. Students majoring in Mathematics are exempt from taking the core curriculum requirement in mathematics.

## MATH-170C Precalculus 3 Credits

Equations and inequalities; systems of linear equations: functions, graphs, exponential, logarithmic, and trigonometric functions and their limits; polynomial and rational functions; analytic geometry. Fulfills the core curriculum requirement in mathematics.
Terms Typically Offered: Fall and Spring.

## MATH-180C Calculus 14 Credits

Graphing of functions, logarithmic functions and their inverses; limit of functions and derivatives; rules of differentiation and their application; definite and indefinite integrals. Fulfills the core curriculum requirement in mathematics.
Prerequisite: MATH-170c or Permission of Instructor
Terms Typically Offered: Fall and Spring.

## MATH-181C Calculus II 4 Credits

Application of integration for volumes, work and areas; advanced techniques of integration; advanced application of integration; first order differential equations; parametric equations and polar coordinates; infinite sequences and series.
Prerequisite: MATH-180C
Terms Typically Offered: Fall and Spring.

## MATH-235 Statistics for Health Professionals 3 Credits

Limited to those enrolled in Health Sciences. Meets statistics prerequisite for NURS 405. This course introduces the conceptual background of statistical techniques and reasoning with an emphasis on application relevant to identifying outcomes. Provides a framework for understanding and applying commonly used data analysis techniques in health science research. Includes selecting, applying, and interpreting univariate and bivariate statistical methods in answering research questions from a health science perspective. (School for Professional Studies Course).

## MATH-265C Intro to Statistical Methods 3 Credits

This course is cross listed with PSYC-265C and SOC-265C. A course in basic statistical concepts and methods of collecting, summarizing, presenting, and interpreting data in the behavioral sciences; including descriptive statistics (use of graphs and charts), normal distribution curve, measures of central tendency, deviation and dispersion, hypothesis testing, statistical fallacies, correlation, and topics in probability. Students majoring in Accounting, Anthropology, Psychology, or Sociology must take MATH-265C, PSYC-265C, or SOC-265C to fulfill the core curriculum requirement in mathematics. Fulfills the core curriculum requirement in mathematics for students majoring in Accounting, Anthropology, Psychology, or Sociology.
Terms Typically Offered: Fall and Spring.

## MATH-270C Health Professions Statistical Methods 3 Credits

Meets statistics pre-requisite for NURS-405. The focus of this course is on exploring the statistical methods used in health professions. Students review parametric and nonparametric techniques and explore the purpose, assumptions, selection, and interpretation of descriptive and inferential statistics. As part of the course, students use Microsoft Excel to organize and analyze data sets. Open to all undergraduate health science students.
Terms Typically Offered: Fall and Spring.

## MATH-281 Multivariable Calculus 4 Credits

Vectors and geometry of space including cylindrical and spherical coordinates; vector functions and space curves with vector calculus, partial derivatives with directional derivatives and applications; multiple integrals with various coordinate systems with application.
Prerequisite: MATH-181C

## MATH-285 Introduction to Advanced Mathematics 3 Credits

A course for both mathematics and mathematics education majors. Covers the fundamentals of axiomatic proof theory including laws of inference, set theory, induction, cardinality, relations and functions. Prerequisite: MATH-180C
Terms Typically Offered: Spring.
MATH-293 Special Topic: 3 Credits
Study of a special topic in mathematics. May be repeated for credit.
MATH-294 Sp Top: Into to Comp Science 4 Credits
Study of a special topic in mathematics. May be repeated for credit.

## MATH-300 Linear Algebra 3 Credits

Systems of linear equations, vector spaces, linear mappings, matrices and matrix algebra, eigenvectors and eigenvalues, Cayley-Hamilton theorem, quadratic forms, and applications.
Prerequisite: MATH-285
Terms Typically Offered: Fall.

## MATH-307 Not Approved 4 Credits

The course will focus on scientific computing and problem-solving using the MATLAB coding language. Topics studied include: the design of algorithms, algorithmic problem solving, abstraction, pseudocode, and iteration, important algorithms of computer science, methods used by computer scientists to classify algorithms according to their efficiencies, and making predictions of execution times for algorithms. The course will focus on scientific computing and problem-solving using MATLAB and/ or similar programming tools). The goal of the course is to familiarize students with coding in MATLAB and the numerical methods used to solve both non-linear equations and systems of linear equations.
Pre- or Co-Requisite: Take CSCI-100C, CSCI-100CL, MATH-180C,
MATH-300
Terms Typically Offered: Fall, even years.

## MATH-310 Differential Equations 3 Credits

Methods of solution of ordinary differential equations and applications. Prerequisite: MATH-281, MATH-300
Terms Typically Offered: Spring.

## MATH-315 Teaching/Tutoring 3 Credits

Students seeking to complete the Single Subject Matter Program in English must take this course as part of that program to ensure they are integrating literary content with their pedagogical experience. This course provides the philosophical background and classroom experience necessary to introduce the student to the teaching profession in a public or private school in a multicultural environment. The purpose of the class is to assist the student in gaining an understanding of the resources and challenges facing a teacher serving a linguistically and culturally diverse student population. Discussion focuses on the major professional organizations and educational research related to the philosophical, historical, and demographic developments of American education. Students complete a 30 -hour field work component to observe classroom management and organization, Specially Designed Academic Instruction Delivered in English (SDAIE) instructional practices, and the curricula of grades $\mathrm{K}-12$. The role and function of Christian beliefs and values in the public school are integrated throughout the course. This course is a prerequisite requirement for Multiple and Single Subject Credential programs. Lab fee.

## MATH-330 Number Theory 3 Credits

Divisibility properties of integers, prime numbers, the Euclidean algorithm, the unique factorization theorem, congruences, Fermat's theorem, Wilson's theorem, Diophantine equations, number-theoretic functions, and the quadratic reciprocity theorem.
Prerequisite: MATH-285
Terms Typically Offered: Spring, even years.

## MATH-365 Probability and Statistics 3 Credits

Frequency interpretation of probability, axioms of probability theory, discrete probability and combinatorics, random variables, distribution and density functions, sampling theory and limit theorems.
Prerequisite: MATH-281, MATH-285

## MATH-370 History of Mathematics 3 Credits

An introduction to the history of mathematics from ancient times to the twentieth century, with applications to elementary mathematics through calculus.
Prerequisite: MATH-180C
Terms Typically Offered: Fall, even years.

## MATH-375 Discrete Mathematics 3 Credits

This course is designed to study graph theory including networks, voting systems including game theory and fair apportionment, and patterns.
Prerequisite: MATH-181C, MATH-285
Terms Typically Offered: Fall, odd years.

## MATH-380 Elementary Analysis I 3 Credits

Rigorous analysis of the calculus and its foundations. Continuous and differentiable functions, and topological properties of the real number line.
Prerequisite: MATH-281, MATH-285
Terms Typically Offered: Spring, even years.

## MATH-390 Numerical Analysis 3 Credits

Numerical solution of algebraic equations. Approximate numerical solutions of systems of linear and nonlinear equations, interpolation theory, numerical differentiation and integration, and numerical solution of ordinary differential equations.
Prerequisite: Take MATH-307, ENGR-307, MATH-181C
Terms Typically Offered: Spring, even years.

## MATH-400 Casualty \& Actuarial Mathematics 3 Credits

The course covers concepts from calculus and probability as they pertain to actuarial sciences. The calculus part covers limits of functions, derivative and integration and their applications, power series and polar coordinates, multivariate differentiation and integration. The probability part covers basic concepts of probability, conditional probability and Bayes' theorem, discrete and continuous random variables and distributions, bivariate distributions, conditional expectation and variance, transformations of random variables and moment generating function. The pace will be fast and the stress will be on the SOA/CAS Course 1 exam-type of word problems.
Prerequisite: Take MATH-281, MATH-365
Terms Typically Offered: Spring, even years.

## MATH-410 Abstract Algebra 3 Credits

Recommended MATH-310 and MATH-330. Group theory centered on group isomorphisms and homomorphisms. Symmetry, Burnside's Lemma, Group Actions, and the Sylow Theorems. Lattices and Boolean algebras. An introduction to rings and fields, especially polynomial rings, splitting fields, and extension fields.
Prerequisite: MATH-285, MATH-310
Terms Typically Offered: Fall, even years.

## MATH-420 Higher Geometry 3 Credits

Euclidean geometry from an advanced standpoint, and topics in nonEuclidean geometry.
Prerequisite: MATH-285
Terms Typically Offered: Spring, odd years.
MATH-450 UG Research and Internship Program 1-4 Credits This course may be taken for a maximum of four (4) units in one semester. A maximum of six (6) combined unit credits for MATH-450, DSCI-450, CSCI 450, DSCI-485 and CSCI-485 apply to graduation. This course is designed with the purpose of providing students the opportunity to apprentice with actuarial companies in the community. This course promotes early entry into the workplace for the student through part-time employment. This course requires actual work experience be sought in an appropriate business firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned instructor. Students are responsible for completing a project report and presenting their work experience in MATH-499C."
Terms Typically Offered: On Demand.
MATH-455 Mathematics Teaching Internship 1-3 Credits
Must have the consent of the instructor and department chair. Regular hours each week for classes and/or meetings are established at the beginning of the semester with the supervising instructor. The intern assists an instructor in planning and conducting a course and/or laboratory session. This course may be taken for 1-3 units per semester. May be repeated for a maximum of six units.
Terms Typically Offered: Fall and Spring.

## MATH-485 Undergraduate Mathematics Research 2 Credits

This course provides the student with a research experience in mathematics. Emphasis will be placed on project management, professional proofs, computer-aided mathematical exploration, and research documentation skills. This course is a variable credit course. Two units are recommended for all mathematics majors intending to attend graduate school. It is expected that a research report be completed at the conclusion of the research project and an oral presentation of the results be given in MATH-499C. This course may be repeated for credit."
Prerequisite: MATH-285
Terms Typically Offered: Summer.

## MATH-488 Senior Project 2 Credits

An advanced course providing the opportunity for a student to create a novel and independent intellectual work by comparing, contrasting and synthesizing recent research and his/her cumulative knowledge and understanding in mathematics. The precise nature, scope and format of the project must be developed and approved under the guidance of the instructor and in collaboration with the student's academic advisor. Senior projects are typically initiated in the Fall. The project results must also be presented in MATH-499C
Prerequisite: MATH-285
Terms Typically Offered: Fall.

## MATH-499C Mathematics Capstone 2 Credits

This course includes analysis and evaluation of current research in mathematics and the integration of faith and learning in mathematics. An oral presentation of research from MATH 485 or 488 is required. In-class presentations by faculty and guests are a part of the course. This course fulfills the Core Curriculum Capstone requirement for Mathematics majors
Terms Typically Offered: Spring.

## Ministry \& Leadership - SPS (MILD)

## MILD-305 Church History 3 Credits

The development of the Christian Church throughout its history as reflected in its life, thought, institutions, leaders, and literature. (School for Professional Studies Course).
Terms Typically Offered: Spring and Summer.

## MILD-310 Introduction to Intercultural Studies 3 Credits

This course is designed to introduce the basic elements of intercultural communication, relationship and service pertaining to missions.
Course content will compare and contrast the cognitive processes and behavioral patterns within diverse cultural contexts. The student will integrate theory with practice in order to communicate effectively a holistic gospel. (School for Professional Studies Course).
Terms Typically Offered: Spring and Summer.
MILD-364 Crit.Thinking \& Writ. for Min. 3 Credits
This course is designed to teach the student to write well-stated, grammatically correct, thesis-driven essays. Attention is given to academic and professional writing styles, reasonable presentations, the elements of an argument, and means of efficient research. This course must be passed with a "C" or better to fulfill requirements for graduation. A student receiving a " $\mathrm{C}-$ " or lower must retake the course to earn the required grade for graduation. (School for Professional Studies Course). Terms Typically Offered: Fall and Spring.

MILD-365 Theo/Church Mission/Ministry 3 Credits
A theological understanding of the ministry of the church and its mission to the world. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## MILD-367 Rsh/Meths/Study/Preach/Scriptr 3 Credits

An introduction to the basic secondary materials utilized in biblical interpretation, an overview of the procedures of biblical exegesis and an articulation of the steps involved in homiletic construction and delivery. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## MILD-368 Leadrshp-Christian Organizatn 3 Credits

Building effective ministry through the development of a healthy interior life, an understanding of a situational approach to leadership, and knowing the leader's role in the congregation's vision and mission. (School for Professional Studies Course).
Terms Typically Offered: Spring and Summer.

## MILD-369 Rsrch Meth/Study/Chrstn Org 3 Credits

An introduction to research methods used to study life and ministry of a local congregation, including research design, collection of data, data analysis, and interpretation of data. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## MILD-410 Current Issues in Missions Studies 3 Credits

This course examines selected themes critical to effective Christian mission. Issues considered range from the ethics of evangelism and proselytism to the cultural dynamics of politics and economics. (School for Professional Studies Course).
Prerequisite: Prerequisite: MILD-310

## MILD-422 Conflict Management 3 Credits

An examination of the nature and causes of conflict in the local church and religious organizations, and the principles of effective intervention strategies.

## MILD-440 Pastoral Care \& Counseling 3 Credits

Theological perspectives and psychological resources for care and counseling in the context of the local congregation. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## MILD-450 Ministerial Internship 3-12 Credits

A learning experience integrating classroom theory with practical application through supervised service in a local church, hospital, mission field, or other appropriate setting. May be repeated up to a maximum of 12 units.

## MILD-460 Foundations-Christian Ethics 3 Credits

An investigation of the moral implications of the Christian faith from a biblical and theological perspective. (School for Professional Studies Course).
Terms Typically Offered: Fall and Summer.
MILD-461 Theological Thms-Old Testament 3 Credits
A study of selected, major themes in the writings of the Old Testament. (School for Professional Studies Course).
Prerequisite: Take MILD-367
Terms Typically Offered: Fall and Summer.

## MILD-462 Management-Christian Organztns 3 Credits

The principles of effective management as a learning organization in understanding the church's internal processes as well as its relationship with the environment. (School for Professional Studies Course). Terms Typically Offered: Fall and Summer.

## MILD-463 Theo Themes-The New Testament 3 Credits

A study of selected, major themes in the writings of the New Testament. (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## MILD-464 Ministry-Preaching \& Teaching 3 Credits

A study of the theology and practice of preaching and teaching. (School for Professional Studies Course).
Prerequisite: Take MILD-367;
Terms Typically Offered: Spring and Summer.

## MILD-466 Ministry of the Spirit/Church 3 Credits

A philosophical, historical and theological study of the third person of the Trinity. This course places special emphasis on the Spirit's empowerment for the church's mission and ministry. (School for Professional Studies Course).
Terms Typically Offered: Spring and Summer.

## MILD-468 I Cor. Church in Urban Settings 3 Credits

An exegesis of I Corinthians in the contexts of the life of the apostle Paul and the developing urban church. (School for Professional Studies Course).
Terms Typically Offered: Spring and Summer.
MILD-470 Special Topic 1-3 Credits
Study of a special topic in religion. May be repeated for credit.
MILD-472 New Testament \& Contemp Chrstn Issues 3 Credits
Exegesis and discussion of selected New Testament passages relevant to a variety of personal issues and contemporary life, including sexual ethics, gender roles, Christian parenting, divorce and remarriage, wealth and possession, and the problems of evil, death and dying.

## MILD-473 Change Theory \& Strategic Planning in a Christian Organization 3 Credits

An approach to ministry planning in which change theory is integrated with the human and structural dynamics that influence the development of corporate vision and mission processes, goals, assessment, strategy, and evaluation. (School for Professional Studies Course).
Terms Typically Offered: Fall and Summer.

## Music (MUSC)

## MUSC-101 Basic Musicianship I 2 Credits

Designed for non-majors, music minors and prospective majors with no prior experience reading music. This course explores the basic elements of reading, writing, and hearing music. Students must receive a grade of "C-" or higher to advance to Basic Musicianship II (MUSC 106). This course does not count towards the music major/minor requirements.

## MUSC-105A Class Piano I 1 Credit

Techniques of performance, note reading, and basic musicianship in successive levels. Open to all students. Class meets two hours per week. Lab fee. Offered Fall only.
Prerequisite: Take MUSC-101, MUSC-106; or placement by examination.

## MUSC-105B Class Piano II 1 Credit

Techniques of performance, note reading, and basic musicianship in successive levels. The grade of "C-" or higher satisfies the Music Minor piano proficiency requirement. Class meets two hours per week. Lab fee. Offered Spring only.
Prerequisite: MUSC-105A or placement by examination
MUSC-106 Basic Musicianship II 2 Credits
Designed for music major and minors as a preparatory course for the music theory sequence. This course explores the basic elements of historical musical style including major and minor scale construction, keys, intervals, notation, terms, time signatures, chord and melody construction, harmonic analysis, melody harmonization, including sightsinging and ear-training. This course does not count toward the music major/minor requirements.
Prerequisite: MUSC-101 or placement by examination

## MUSC-108 Beginning Guitar Class 1 Credit

Group guitar instruction open to all students, no previous experience necessary. Basic and intermediate guitar techniques, such as: tuning, major and minor open chords, chord charts, note reading and tablature, basic strumming patterns, basic finger picking, major, minor and pentatonic scales, and basic theory. Class meets two hours each week. Lab fee.

## MUSC-111 Beginning Voice Class 1 Credit

Group instruction in the fundamentals of singing. Class meets two hours each week. Lab fee.

## MUSC-124 Jazz Combo 1 Credit

Study and performance of jazz combo literature. Meets two hours each week. Open to all students by audition. Does not meet the music major ensemble requirement.

MUSC-128 Harmony and Form I 3 Credits
Introduction to diatonic harmony and analysis of music. Introduction to musical form: phrases, periods and cadences. Offered Fall only.
Terms Typically Offered: Fall.
MUSC-129 Musicianship I 1 Credit
This course is designed to develop skills in sight singing, rhythm performance, rhythmic and harmonic dictation using simple diatonic melodies and harmony. Class meets two hours per week. Offered Fall only.
Prerequisite: MUSC-106 or placement by examination
Co-Requisite: MUSC-128
MUSC-133 Harmony and Form II 3 Credits
Continuation of diatonic harmony and analysis of music. Introduction to chromatic harmony and modulation to nearly-related keys. Introduction to binary and ternary forms. Offered Spring only.
Prerequisite: MUSC-128
Terms Typically Offered: Spring.

## MUSC-134 Musicianship II 1 Credit

This course is a continuation of MUSC-129 in the develpment of sight singing and dictation skills. Class meets two hours per week. Offered Spring only.
Prerequisite: MUSC-129 or placement by examiniation
Co-Requisite: MUSC-133

## MUSC-145A Class Piano III 1 Credit

Techniques of performance, note reading, and basic musicianship in successive levels with specific emphasis on passing a piano proficiency exam section. Class meets two hours per week. Lab fee. Offered Fall only. Prerequisite: MUSC-105B or placement by examination Terms Typically Offered: Fall.

MUSC-146 Class Piano IV: Keyboard Improvisation 1 Credit
The identification of foundational concepts and principles of improvisation. Emphasis on a variety of styles including worship, jazz, gospel, and pop. With specific emphasis on passing a piano proficiency exam section. Class meets two hours per week. Lab fee. Prerequisite: MUSC-145A

## MUSC-201 Introduction to Music Education 2 Credits

An overview of the music teaching profession and its philosophical and practical application for $\mathrm{K}-12$ schools. This course is required for the application for the Bachelor of Music with a major in Music Education degree. Offered Spring only.
Terms Typically Offered: Spring.

## MUSC-202C Intro to Music 3 Credits

A liberal arts course designed to develop knowledge of music from the listener's point of view. This objective is accomplished by introducing the materials and forms of music and the periods of music history. This course satisfies the core curriculum Fine Arts requirement. No previous musical background is necessary. The lab fee provides concert tickets. Terms Typically Offered: Fall and Spring.
MUSC-205A Class Piano V: Keyboard Improvisation 1 Credit
The identification of foundational concepts and principles of improvisation. Emphasis on a variety of styles including worship, jazz, gospel, and pop. With specific emphasis on passing a piano proficiency exam section. Class meets two hours per week. Lab fee. Offered Fall only. Prerequisite: MUSC-145B or placement by examination
Terms Typically Offered: Fall.

## MUSC-219 Vanguard Singers and Band 1 Credit

A music ministry group whose primary function is to represent the University at local churches, schools and conventions. Includes frequent weekend performances and an annual extended Summer tour. Study and performance of sacred choral literature of all styles with an emphasis on contemporary Christian music. Meets three hours each week. Lab fee.

## MUSC-223 Jazz Ensemble 1 Credit

Study and performance of jazz and big band literature. Performs at special concerts on and off campus; provides music at athletic events and other university functions. Meets three hours each week. Meets the BM Jazz Studies large ensemble requirement. Open to all students by audition.
MUSC-225 Music Form and Literature I 3 Credits
Study of music from the Baroque and Classical periods with an emphasis on harmony and form. Introduction to canon, fugue, and larger formal procedures, including concerto and sonata forms. Offered Fall only. Prerequisite: MUSC-133
Terms Typically Offered: Fall.

## MUSC-226 Musicianship III 1 Credit

This course is designed to develop advanced skills in sight singing, rhythm performance, rhythmic and harmonic dictation using complex diatonic and chromatic melodies and harmony. Class meets two hours per week. Offered Fall only.
Prerequisite: MUSC-134 or placement by examination
Co-Requisite: MUSC-225
Terms Typically Offered: Fall.

## MUSC-228 Introduction to Music Technology 1 Credit

This course is designed for music majors and non-majors with little or no experience in music technology. Students will receive hands-on training in the basics of software sequencing, editing and mixing, as well as notation. Top industry standard DAW (Digital Audio Workstation) and notation software are used. Lab fee.
Prerequisite: MUSC-128

## MUSC-233 Music Form and Literature II 3 Credits

Study of music from the nineteenth century with an emphasis on harmony and form. Study of expanded sonata form, advanced chromatic harmony and extended tertian harmony. Offered Spring only.
Prerequisite: MUSC-225
Terms Typically Offered: Spring.

## MUSC-234 Musicianship IV 1 Credit

This course is a continuation of MUSC 226 in the development of advanced sight singing and dictation skills. Class meets two hours per week. Offered Spring only.
Prerequisite: MUSC-226
Terms Typically Offered: Spring.

## MUSC-240 University String Orchestra 1 Credit

Instrumental ensemble forthestudy and performance of string orchestra literature with further development of string musicians through rehearsals, sectionals, master classes and performance. Repertoire focus on: classics, spirituals, hymn/anthem arrangements and Christian worship music. This ensemble will join with the University Concert Band for full orchestra performancesand collaborate with local high school string musicians, community members and professional performers.
Meets the music major large ensemble requirement.Open to all students by audition.
Terms Typically Offered: Fall and Spring.
MUSC-241 Women's Chorus 1 Credit
The study, rehearsal, and performance of SSA (A) choral literature representative of all periods of music, including standard classical repertoire, spirituals, folk songs, hymn/anthem arrangements, and contemporary music. Outside ministry opportunities involve representing Vanguard University performing church and school concerts, including a week-long tour. Meets three hours weekly. Meets the ensemble requirement for music majors and minors and is an elective course. Open to all women, undergraduate and graduate students, by audition and interview.
Terms Typically Offered: Fall and Spring.

## MUSC-244 Concert Band 1 Credit

The Vanguard University Concert Band is a winds and percussion ensemble based on traditional concert band instrumentation and literature. The Concert Band performs large ensemble works and focuses on providing members with a variety of repertoire, including standards, popular works, new music, and non-traditional collaborations. This ensemble will also join with the String Orchestra for full orchestra performances. Concerts are on campus and at a variety of off-campus venues. Meets the music major large ensemble requirement. Open to all students, alumni, and community members by audition.
Terms Typically Offered: Fall, Spring, and Summer.

## MUSC-250 Concert Choir 1 Credit

The study and performance of major choral literature representative of all periods of music, including standard classical repertoire, spirituals, folk songs, hymn/anthem arrangements, and contemporary Christian music. Frequent church and school concerts (up to two per month), with Spring public relations tour. Meets three hours weekly. Meets the ensemble requirement for music majors and minors and is an elective course. Open to all undergraduate and graduate students by audition and interview. Terms Typically Offered: Fall and Spring.

## MUSC-253 Music in Global Cultures 2 Credits

A survey of music and literature primarily focusing on music in global cultures. Offered Fall only. Lab fee.
Terms Typically Offered: Fall.

## MUSC-270 Introduction to Jazz Improvisation 2 Credits

Basic techniques in improvisation, beginning with simple question and answer phrases and progressing to extended solos. Development of modal and ii-V-I chord progressions through instrumental performance. Offered Fall only.
Terms Typically Offered: Fall.

## MUSC-273 Introduction to Conducting 1 Credit

An introduction to conducting patterns and techniques, with an emphasis on providing experience in conducting hymns and songs for worship. Focus will be on providing basics in leading the choral and instrumental rehearsal.
Prerequisite: MUSC-131
MUSC-291 Special Topic: 1 Credit
Study of a special topic in music. May be repeated for credit.
MUSC-292 Special Topic: 2 Credits
Study of a special topic in music. May be repeated for credit.
MUSC-293 Special Topic: 3 Credits
Study of a special topic in music. May be repeated for credit.

## MUSC-301 Counterpoint I 2 Credits

The study and writing of traditional contrapuntal forms in two, three and four parts, including two-part inventions, canons and fugues. Offered Fall only.
Prerequisite: MUSC-225
Terms Typically Offered: Fall.

## MUSC-311 Teaching Music/Multclt Setting 3 Credits

Students seeking to complete the subject matter program in Music must take this class as part of that program to ensure that they are integrating historical content with their pedagogical experience. This course provides the philosophical background and classroom experience necessary to introduce a person to the teaching profession in a public or private school in a multicultural environment. The purpose of the class is to assist the student to gain an understanding of the resources and challenges facing a teacher serving a linguistically and culturally diverse student population. Discussion will focus on the major professional organizations and educational research related to the philosophical, historical, and demographic developments of American education. Students will complete a 30 hour field work component to observe classroom management and organization, Specially Designed Academic Instruction Delivered in English (SDAIE) instructional practices, and the curricula of grades $\mathrm{K}-12$. The role and function of Christian beliefs and values in the public school will be integrated throughout the course. This course is a prerequisite requirement for the Multiple and Single Subject Credential programs. Lab Fee.
Prerequisite: MUSC-337, MUSC-338 or MUSC-339
Terms Typically Offered: Fall and Spring.
MUSC-312 Woodwind Techniques 1 Credit
Elementary instruction on woodwinds focusing on: tone production, techniques, and care of the instruments. An introduction to the teaching of the woodwind instruments. Offered Fall of even years. Lab fee. Terms Typically Offered: Fall, even years.
MUSC-313 Brass Techniques 1 Credit
Elementary instruction in brass instruments: tone production, techniques, and care of the instruments. This course is an introduction to the teaching of the brass instruments. Offered Spring of even years. Lab fee. Terms Typically Offered: Spring, even years.
MUSC-319 Vanguard Singers and Band 1 Credit
Refer to MUSC 219 . Vanguard Singers and Band
Terms Typically Offered: Fall and Spring.
MUSC-322 Percussion Ensemble 1 Credit
Refer to MUSC 222 . Percussion Ensemble

## MUSC-323 Jazz Ensemble 1 Credit

Refer to MUSC 223 . Jazz Ensemble

## MUSC-325 Music Hist/Literature I (before 1600) 3 Credits

A survey of music history and literature from ancient times through the Baroque era (1750). Offered Fall only. Lab fee.
Prerequisite: FINA-215C, Bachelor or Music Candidate or permission ofinstructor
Terms Typically Offered: Fall.
MUSC-326 Music Hist/Lit II (1600-1900) 3 Credits
A survey of music history from the Classical and Romantic eras (17501900). Offered Spring only. Lab fee

Prerequisite: FINA-215C, Bachelor of Music candidate, or permission ofinstructor
Terms Typically Offered: Spring.

## MUSC-327 Music History \& Literature III 2 Credits

A survey of music history primarily focusing on the music of the twentieth century. Offered Fall only. Lab fee.
Prerequisite: FINA-215C, Bachelor of Music candidate, or permission ofinstructor
Terms Typically Offered: Fall.

## MUSC-333 String Techniques 1 Credit

Elementary instruction in strings: tone production, techniques, and care of the instruments. This course is an introduction to the teaching of strings. Offered Fall of odd years. Lab fee.
MUSC-334 Percussion Techniques 1 Credit
Elementary instruction in percussion: techniques and care of the instruments. This course is an introduction to the teaching of percussion. Offered Spring of odd years. Lab fee.
Terms Typically Offered: Spring, odd years.

## MUSC-336 Music Form and Literature III 3 Credits

Study of music in the twentieth century, with an emphasis on post-tonal harmonic and motivic analysis, set theory, serialism, texture and timbre. Study of the application of formal procedures to post-tonal music. (Fall) Prerequisite: MUSC-233
Terms Typically Offered: Fall.

## MUSC-337A Music for Elementary Schools 3 Credits

The course looks at purpose, curriculum, and methods of music education in the elementary school. There will be a survey of materials with consideration of their appropriateness in a sequential program of musical growth. Lab teaching required.
MUSC-337B Music for Elementary Schools 3 Credits
This course looks at purpose, curriculum, and methods of music education in the elementary school. There will be a survey of materials with consideration of their appropriateness in a sequential program of musical growth.

## MUSC-338 Secondary Instrumental Music Methods And Literature 2 Credits

The course examines the purposes, curriculum, and methods of instrumental music education for secondary school. Study will relate to school instrumental organization, lesson plan development, and techniques of marching band development. Emphasis will be placed on the study of appropriate repertoire and materials available to establish a competitive school music program. Lab teaching required. Offered Fall of odd years.
Terms Typically Offered: Fall, odd years.
MUSC-339 Secondary Vocal Music Methods and Literature 2 Credits This course exams the purposes, curriculum, and methods of vocal music education in the secondary school, relating to school choral organization, the changing adolescent voice, and appropriate repertoire and materials. Lab teaching required. Offered Fall of even years.
Terms Typically Offered: Fall, even years.

## MUSC-340 University String Orchestra 1 Credit

Refer to MUSC 240 . Instrumental ensemble forthestudy and performance of string orchestra literature with further development of string musicians through rehearsals, sectionals, master classes and performance.
Repertoire focus on: classics, spirituals, hymn/anthem arrangements and Christian worship music. This ensemble will join with the University Concert Band for full orchestra performancesand collaborate with local high school string musicians, community members and professional performers. Meets the music major large ensemble requirement.Open to all students by audition.
Terms Typically Offered: Fall and Spring.
MUSC-341 Women's Chorus 1 Credit
Refer to MUSC 241 . Women's Chorus
Terms Typically Offered: Fall and Spring.
MUSC-343 Songwriting 3 Credits
This course covers principles of songwriting and arranging in the context of worship music. Contemporary style, popular song forms, chord progressions, and formation of melodic ideas are explored. Coverage of effective lyric writing includes developing song ideas, the hook, rhyme scheme, and the use of literary devices. Student must be able to selfaccompany via guitar, ukulele, piano, garage band, for example.
MUSC-344 Concert Band 1 Credit
Refer to MUSC-244 Concert Band.
Terms Typically Offered: Fall, Spring, and Summer.
MUSC-345 Chamber Music Consortium 1 Credit
Study and performance of repertoire for various mixed-ensembles, instrumental and/or vocal. Students will be assigned one or more compositions from various genres which will be studied in depth through weekly rehearsals and coaching sessions. All work will culminate in a final concert.
Terms Typically Offered: Fall and Spring.
MUSC-346 Foundations \& Multiculturalsm in Worship 3 Credits Foundations and multiculturalism are rooted in Biblical and historical survey of worship. Key worship passages and biblical models of worship will be relevantly applied to current practices and multicultural inclusion in the church.

## MUSC-350 Concert Choir 1 Credit

Refer to MUSC 250 . Concert Choir
Terms Typically Offered: Fall and Spring.

## MUSC-352 Internship 1 Credit

A 12-week internship in the music industry (non-profit, church or forprofit). Students are required to work 50 hours for each academic unit hour received. Internships may take place in the fields of music retail and wholesale, arts management, marketing, promotions, reocrding, live sound, venue operations, sound design, arts education and/or audio production. Students are encouraged to have their resume and cover letter reviewed by VU Career Services and formally apply for their potential internship programs well before their internship semester. Course may be repeated one time for credit.
Prerequisite: MUSC-462

MUSC-373 Choral Conducting 2 Credits
Practical experience in conducting techniques emphasizing the fundamentals and art of choral conducting and expressive gestures. Topics to be addressed include: advanced conducting patterns, gestural technique and cues, repertoire for both school and church and choral rehearsal methods and procedures. Offered Fall only.
Prerequisite: MUSC-273
Terms Typically Offered: Fall.

## MUSC-374 Instrumental Conducting 2 Credits

Practical experience in conducting techniques emphasizing orchestra and band music. Experience in preparing and presenting orchestral/band scores as well as advanced instrumental score preparation, rehearsal methods and baton technique. Offered Spring only. Lab fee.
Prerequisite: MUSC-273
Terms Typically Offered: Spring.

## MUSC-382 Instrumental Pedagogy 2 Credits

This course is designed for students to analyze applied studio teaching techniques in order to effectively teach instruments at all levels. Learning styles, private studio procedures, and lesson planning through analysis of various method books and materials are examined. Included observation of private studio instruction and supervised experience teaching private lessons. Offered upon demand.

## MUSC-392 Worship Forum Practicum 1 Credit

This course will create a unity and cohort within the Worship Leadership students, whil prividng students with hands-on experience with crafting, leading rehearsals and executing a well-thought out and theologically based worship service. May be repeated up to eight times for credit. Lab fee.

## MUSC-403 Instrumental Arranging 2 Credits

A study of the instruments of the orchestra, scoring for various combinations and for full orchestra. Offered Fall only.
Prerequisite: MUSC-133
Terms Typically Offered: Fall.

## MUSC-406C Music and Worship 3 Credits

An overview of the biblical foundations and historical developments of worship, which provide precedent for worship in the contemporary church. From this foundation, practical guidelines for effective biblical worship design and church music leadership will be explored. Students will develop a philosophy of worship as well as a personal reflection upon the developing synthesis of faith and their craft or area of study while at VUSC. This course fulfills the Core Curriculum Capstone requirement for Bachelor of Arts General Music majors. Offered Spring only. Terms Typically Offered: Spring.

## MUSC-407 Creative Worship Workshop 3 Credits

This course will equip a modern worship leader to adequately serve the contemporary church. Skills developed will include service crafting, team building, rehearsal management, music directing, production management and use of church management software.

MUSC-409 Music Administration and Leadership 3 Credits
This course focuses on the philosophy, concepts, structure, relationships, activities, organizational tools and administrative skills (including leadership) utilized in church life that typically fill the Monday through Friday work week. These add legitimacy, validity and efficacy to the overall ministry of church music as well as strengthen and enrich worship on Sunday. The introduction and practice of leadership will emphasize and examine: understanding leadership; recognizing leadership traits; engaging people's strengths; understanding philosophy and styles; attending to tasks and relationships; developing leadership skills; creating a vision; establishing a constructive climate; handling conflict; addressing ethics in leadership and overcoming obstacles.

## MUSC-410 Choral Arranging 2 Credits

Arranging for choral ensembles with and without instrumental accompaniment in a variety of styles, including traditional, popular, and jazz. Offered Spring only.
Prerequisite: MUSC-133
Terms Typically Offered: Spring.
MUSC-411 Creative Worship/Contemp Chur 2 Credits
This course is designed to teach how to craft a theologically relevant service; overseeing the sound and media; clarifying the role of visuals; building the team and managing rehearsals; working with the band; relating to pastor. Emphasis on skill development and student projects. Offered Spring of odd years.
Prerequisite: MUSC-309
Terms Typically Offered: Spring, odd years.

## MUSC-420 Vocal Pedagogy 2 Credits

Scientific exploration into the workings of the vocal mechanism and the technique of vocal production. A survey of common vocal faults, corrective exercises and an overview of various vocal styles will be included. Under supervision of voice faculty, students will be required to teach a private voice student (basic instruction or non-college student), 30 minutes per week for six weeks towards the end of semester. Offered Spring of odd years.
Terms Typically Offered: Spring, odd years.

## MUSC-462 Music and Business 3 Credits

A study of the business aspects of the music industry including topics such as identification of the management team, the recording industry, songwriting and music publishing, touring, music merchandising and motion picture music. Offered Fall of even years.
Terms Typically Offered: Fall, even years.

## MUSC-465 Senior Presentation 1 Credit

After successful jury level attainment and passing this public solo, student presentation consists of 20-30 minutes of music based on repertoire learned over the years of study at Vanguard University. Final grade is given by a committee of the Deaprtment of Music faculty. Lab fee.

MUSC-470 Special Topic: 1-3 Credits
Study of a special topic in music. May be repeated for credit.
MUSC-490 Seminar. 1-3 Credits

## MUSC-491C Recital and Research 2 Credits

Preparation and presentation of representative works on the primary instrument in a thirty minute solo recital. Also, includes independent research project specific to area of study and a reflection paper discussing the synthesis of faith and music within the academic journey. Final grade is given by a committee of the Department of Music faculty. This course fulfills the Core Curriculum Capstone requirement for the Bachelor of Arts in General Music with an emphasis in Applied Music and Bachelor of Music in Church Music and Music Education. Lab fee. Co-Requisite: MUSI-402; MUSI-412; MUSI-422; or MUSI-492

## Music Instruction (MUSI)

## MUSI-101 Basic Instruction: Voice 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-102 Basic Instruction: Voice 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-111 Basic Instruction: Piano 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-112 Basic Instruction: Piano 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-121 Basic Instruction: Guitar 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-122 Basic Instruction: Guitar 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-131 Basic Music: Organ 1 Credit
Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

MUSI-132 Basic Music: Organ 1 Credit
Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-191 Basic Instruction: Instrument 1 Credit
Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-192 Basic Instruction: Instrument 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-200 Recital Attendance 0 Credits

Techniques of artistic performance explored through demonstrations, master classes, and recitals presented by selected students from music majors, faculty and guest artists. Recital and performance attendance required. Offered on a Credit/Fail basis only. Music Majors should register for Section 01. Music Minors should register for Section 02. Participants should register for Section 03.
Terms Typically Offered: Fall and Spring.

## MUSI-201 Applied Instruction: Voice 1 Credit

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-202 Applied Instruction: Voice 2 Credits
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-211 Applied Instruction: Piano 1 Credit

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-212 Applied Instruction: Piano 2 Credits
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

MUSI-221 Applied Instruction: Guitar 1 Credit
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-222 Applied Instruction: Guitar 2 Credits
Pre- or Co-Requisite: Take MUSI-200
MUSI-231 Applied Music: Organ 1 Credit
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-232 Applied Instruction: Organ 2 Credits

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-291 Applied Instruction: Instrument 1 Credit

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-292 Applied Instruction: Instrument 2 Credits
Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-301 Basic Instruction: Voice 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-302 Basic Instruction: Voice 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-311 Basic Instruction: Piano 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-312 Basic Instruction: Piano 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-321 Basic Instruction: Guitar 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-322 Basic Instruction: Guitar 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-331 Basic Instruction: Organ 1 Credit
Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-332 Basic Instruction: Organ 1 Credit

Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-391 Basic Instruction: Instrument 1 Credit
Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200
MUSI-392 Basic Instruction: Instrument 1 Credit
Private music instruction is open to all students offering studies in the basics of the specific instrument technique. Material of increasing difficulty as student develops. Minimum 3 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-401 Applied Instruction: Voice 1 Credit

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-402 Applied Instruction: Voice 2 Credits

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-411 Applied Instruction: Piano 1 Credit

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-412 Applied Instruction: Piano 2 Credits

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice

## fee

Co-Requisite: MUSI-200

## MUSI-421 Basic Instruction: Guitar 1 Credit

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-422 Applied Instruction: Guitar 2 Credits

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-431 Applied Instruction: Organ 1 Credit

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-432 Basic Instruction: Organ 2 Credits

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-491 Applied Instruction: Instrument 1 Credit

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## MUSI-492 Applied Instruction: Instrument 2 Credits

Private music instruction for Music Majors and Minors offered with material and performance of increasing difficulty as student develops. Minimum 3-6 hours practice per week. Private instruction and practice fee.
Co-Requisite: MUSI-200

## Music Jazz (MUJZ)

MUJZ-355C Jazz Music History 3 Credits

A study of the evolution of American jazz music from its roots in Africa to the present day. Presents development of various musical styles, forms, improvisations, significant musical concepts and major figures from the past, present and future of jazz and commercial music. Includes an introduction to world music elements. This course satisfies the Core Curriculum Fine Arts requirement. Lab fee provides for concert tickets.

## Music Performance (MUPF)

## MUPF-177 Applied Music:Piano 2 Credits

Co-Requisite: MUSI-200
MUPF-278 Applied Music: Voice 2 Credits
Co-Requisite: MUSI-200
MUPF-318 Applied Music: Voice 2 Credits
Co-Requisite: MUSI-200
MUPF-477 Applied Music: Piano 2 Credits
Co-Requisite: MUSI-200

## New Testament (NT)

## NT-101 New Testament Survey 3 Credits

Prerequisite to all upper division courses in New Testament. A close study of the New Testament text, examining the foundations of Christianity within its historical contexts, and presenting the principles and tools of interpretation. (required for all Religion majors; meets Religion/Humanities requirement for all majors). (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## NT-101C New Testament Survey 3 Credits

Prerequisite to all upper division courses in New Testament. A close study of the New Testament text, examining the foundations of Christianity within its historical contexts, and presenting the principles and tools of interpretation.
Terms Typically Offered: Fall and Spring.
NT-291 Special Topic: 1 Credit
Study of a special topic relating to the New Testament. May be repeated for credit.

## NT-292 Special Topic: 2 Credits

Study of a special topic relating to the New Testament. May be repeated for credit.

## NT-293 Special Topic: 3 Credits

Study of a special topic relating to the New Testament. May be repeated for credit.

## NT-301 Intermediate Greek I 3 Credits

An advanced course in New Testament Greek. The student begins a translation and exegesis of the Gospel of John along with an intensive, systematic review of grammar and syntax from an advanced Greek grammar.
Prerequisite: BLAN-201, BLAN-202, NT-101C
Terms Typically Offered: Fall.

NT-302 Intermediate Greek II 3 Credits
An advanced course in New Testament Greek. The student begins a translation and exegesis of the Gospel of John along with an intensive, systematic review of grammar and syntax from an advanced Greek grammar.
Prerequisite: BLAN-201, BLAN-202, NT-101C, NT-301
Terms Typically Offered: Spring.

## NT-310 Parables of Jesus 3 Credits

This course aims to provide an introductory overview of the critical problems involved in interpreting the parables of Jesus, an understanding of the theological framework for interpreting the meaning of the parables, and an appreciation for the religious, social, and moral values expressed in the message of the parables.
Prerequisite: NT-101C
Terms Typically Offered: Fall.

## NT-312 Life of Jesus 3 Credits

A critical examination of the assumptions, history, methods, and conclusions of the so-called, "Quest of the Historical Jesus." We then interpret the data about Jesus against the history and culture of late Second Temple Judaism, followed by an examination of the meaning of Jesus' life and work.
Prerequisite: NT-101C
Terms Typically Offered: Fall.

## NT-315 Gospel of Mark 3 Credits

A study of the background, theology, community and literary significance of the Markan traditions of Jesus.
Prerequisite: NT-101C
Terms Typically Offered: Spring.

## NT-320 Johannine Literature 3 Credits

The meaning and message of the Gospel of John and I, II, and III John, including introductory studies concerning authorship, date, location, and occasion for the writings. Involves detailed exegesis of segments of the literature with a focus upon the significance of its theological content. Prerequisite: NT-101C
Terms Typically Offered: Spring.

## NT-325 Hebrews 3 Credits

Content and interpretation of this important Christological text, stressing Bible study methods and resources and giving attention to background considerations in the biblical history of Jewish worship.
Prerequisite: NT-101C
Terms Typically Offered: Spring.

## NT-330 General Epistles 3 Credits

James, I and II Peter, and Jude-their contents, interpretation, distinctive teachings, and significance to the canon of the New Testament.
Prerequisite: NT-101C
Terms Typically Offered: Fall.

## NT-340 Acts of the Apostles 3 Credits

Exegesis of the Book of Acts with consideration of critical problems, alerting the student to basic issues in the history and theology of LukeActs and providing him or her with an outline of primitive church history. Prerequisite: NT-101C
Terms Typically Offered: Fall.

## NT-346 Romans \& Galatians 3 Credits

Studies of the critical issues and contents of the Pauline corpus in the contexts of the life of the apostle and of the developing New Testament church. The following courses will be scheduled: NT 346 Romans and Galatians; NT 347 Corinthian Letters; NT 348 Prison Epistles: Ephesians, Philippians, Colossians, Philemon; NT 349 Pastoral Epistles: I and II Timothy, and Titus.
Prerequisite: NT-101C
Terms Typically Offered: Fall.

## NT-347 Corinthian Letters 3 Credits

Studies of the critical issues and contents of the Pauline corpus in the contexts of the life of the apostle and of the developing New Testament church. The following courses will be scheduled: NT 346 Romans and Galatians; NT 347 Corinthian Letters; NT 348 Prison Epistles: Ephesians, Philippians, Colossians, Philemon; NT 349 Pastoral Epistles: I and II Timothy, and Titus.
Prerequisite: NT-101C
Terms Typically Offered: Fall.

## NT-348 Prison Epistles 3 Credits

Studies of the critical issues and contents of the Pauline corpus in the contexts of the life of the apostle and of the developing New Testament church. The following courses will be scheduled: NT 346 Romans and Galatians; NT 347 Corinthian Letters; NT 348 Prison Epistles: Ephesians, Philippians, Colossians, Philemon; NT 349 Pastoral Epistles: I and II
Timothy, and Titus.
Prerequisite: NT-101C
Terms Typically Offered: Fall.

## NT-349 Pastoral \& Thess Epistles 3 Credits

Studies of the critical issues and contents of the Pauline corpus in the contexts of the life of the apostle and of the developing New Testament church. The following courses will be scheduled: NT 346 Romans and Galatians; NT 347 Corinthian Letters; NT 348 Prison Epistles: Ephesians, Philippians, Colossians, Philemon; NT 349 Pastoral Epistles: I and II Timothy, and Titus.
Prerequisite: NT-101C
Terms Typically Offered: Spring.

## NT-401 Advanced Greek I 2 Credits

Reading and exegesis of Greek New Testament passages, selected to acquaint the student with the distinctive styles of the various authors of the New Testament. Some reading in the Apostolic Fathers and the Septuagint is also included.
Prerequisite: NT-101C; BLAN-301 or NT-301; BLAN-302 or NT-302
Terms Typically Offered: Fall.

## NT-402 Advanced Greek II 2 Credits

Reading and exegesis of Greek New Testament passages, selected to acquaint the student with the distinctive styles of the various authors of the New Testament. Some reading in the Apostolic Fathers and the Septuagint is also included.
Prerequisite: NT-101C, NT-401
Terms Typically Offered: Spring.

## NT-446 Parables for Preaching 3 Credits

An examination of the interrelationship between the meaning of the parables as Jesus spoke them to his original hearers and the message of parables proclaimed in the church today.
Prerequisite: NT-101C
Terms Typically Offered: Spring.

## NT-462 Selected Themes/NT Theology 3 Credits

An advanced course for the study of important theological concepts of the New Testament. The focus will be twofold: the orthodox understanding of major doctrines in the light of their first-century environment, and the development of a basic methodology that will guide the student in the practice of theological interpretation of the New Testament. Core requirement for the religion major offered every spring. Prerequisite: NT-101C; THEO-101C or THEO-103C/H
Terms Typically Offered: Spring.
NT-470 Special Topic: 1-3 Credits
Study of a special topic in New Testament. May be repeated for credit.

## NT-472 Synoptic Gospels 3 Credits

The study of the history and nature of the Synoptic Problem and the methods of Gospel research; and an overview of the content, characteristics, and theology of the first three Gospels.
Prerequisite: NT-101C
Terms Typically Offered: Spring.
NT-480 Individual Studies: 1-3 Credits
May be repeated for credit.
NT-490 Seminar: 1-3 Credits
Mutual investigation of one topic in New Testament of particular relevance to upper division religion majors. May be repeated for credit.

## New Testament - Graduate (NTG)

NTG-501 Advanced Greek I 2 Credits
Terms Typically Offered: Fall.
NTG-502 Advanced Greek II 2 Credits
Terms Typically Offered: Spring.

## NTG-503 Beginning Greek I 4 Credits

An introduction to Greek grammar, vocabulary and syntax for the graduate student. Offered alternate years.
Terms Typically Offered: Fall.

## NTG-504 Beginning Greek II 4 Credits

A continuation of Beginning Greek I.
Terms Typically Offered: Spring.
NTG-508 New Testament Theology \& Interpretation 3 Credits This course surveys the basic issues in the historical, social, and theological interpretations of the New Testament. As such, it constitutes a basic introduction to exegetical and theological methods.
Terms Typically Offered: Fall, Spring, and Summer.

## NTG-542 Christology in the New Testament 3 Credits

A critical examination of the various interpretations of Jesus Christ's nature and the nature of his work as they are found within the New Testament. The Jewishness of Jesus and interpreting the New Testament witness on him as the Christ against that of the Law and the Temple during his times are taken into the context of exploring biblical Christology.
Terms Typically Offered: Spring.

## NTG-546 Parables for Preaching 4 Credits

An examination of the interrelationship between the meaning of the parables as Jesus spoke them to His original hearers and the message of parables proclaimed in the church today.
Terms Typically Offered: Fall.

NTG-550 Independent Study/New Testament 1-3 Credits
Terms Typically Offered: Fall, Spring, and Summer.
NTG-552 New Testament Theology 3 Credits
Terms Typically Offered: Fall and Spring.

## NTG-555 New Testament Ethics 3 Credits

This course is designed to acquaint students with the ethical teachings of the New Testament, and to probe the relevance of New Testament ethics for a contemporary personal and social ethic.
NTG-631 Intermediate Greek I 3 Credits
Further study of grammar and syntax, including extensive exegesis of selected Johannine and Pauline texts. Offered alternate years.
Terms Typically Offered: Fall.
NTG-632 Intermediate Greek II 3 Credits
A continuation of Greek I. Offered alternate years.
Terms Typically Offered: Spring.
NTG-650 Independent Study in New Testament 1-4 Credits
Terms Typically Offered: Fall and Spring.
NTG-670 Special Topic: 1-3 Credits
Study in a special topic in New Testament.
Terms Typically Offered: Spring.
NTG-680 Ind Study: 1-4 Credits
An individualized study initiated by the student who must develop a written prospectus of the proposed study and secure an appropriate sponsoring faculty member to supervise and evaluate the study. A maximum of four units may be applied toward the degree requirements. Terms Typically Offered: Fall, Spring, and Summer.
NTG-690 Seminar. 1-3 Credits
An investigation of one topic in the New Testament of particular relevance to graduate students in religion. Examples are: Jesus and the Gospels, New Perspectives on Paul, Spiritual Gifts, and Women in the New Testament.
Terms Typically Offered: Spring.
NTG-710 Current Issues in New Testament Studies 3 Credits An investigation and evaluation of the basic critical problems of New Testament interpretation which aims to acquaint the student with the more significant methodologies and personalities in contemporary scholarly studies.
Terms Typically Offered: Fall.

## Nursing - PreLicensure (NRS)

## NRS-302 Fundamentals of Nursing Theory and Practice in Older Adults 3 Credits

This course introduces the student to the theories of professional nursing practice and the roles of the nurse as provider of care. Biological, psychosocial, and spiritual concepts in the care of older adults experiencing acute or chronic alteration in physical health are introduced. The nursing process will be used as the framework for providing care. Co-Requisite: NRS-302P
Terms Typically Offered: Fall.

NRS-302P Fundamentals of Nursing Theory and Practice in Older Adults Practicum 2 Credits
This practicum course ( 90 hours) focuses on application of basic biological, psychosocial, and spiritual concepts in the care of older adults experiencing acute or chronic alteration in physical health within the medical surgical setting and the use of the nursing process in providing care. This course allows the student to perform fundamental nursing skills in a simulated patient care environment and in the health care setting.
Co-Requisite: NRS-302
Terms Typically Offered: Fall.

## NRS-350 Nursing Care of the Adult l 3 Credits

This theory course focuses on evidence-based concepts, clinical experiences, and applying the nursing process in the provision of optimal care for the adult and older adult patient. An emphasis is placed on the care of the adult and older adult with acute and chronic health problems across a variety of practice settings. NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog.)
Co-Requisite: NRS-350P
Terms Typically Offered: Spring.

## NRS-350P Nursing Care of the Adult I Practicum 3 Credits

This practicum course provides experiences in the care and management of health and illness for the adult and older adult patient. Students have the opportunity to learn and practice skills associated with the health needs of patients with acute and chronic health problems.
Clinical experiences ( 135 hours- can include simulated, communitybased, and acute care environments) will emphasize the development of critical reasoning and nursing judgement.(NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog.) Co-Requisite: NRS-350
Terms Typically Offered: Spring.

## NRS-355 Physical Assessment 2 Credits

This theory course provides the opportunity to learn and practice skills necessary to perform a complete and age appropriate health assessment. Emphasis is placed on assessing physical, emotional, spiritual, social, and cultural needs of the patient. The nursing process will be used in prioritizing patient health care needs. The integration of disease prevention, health promotion, and risk assessment is introduced. Lecture format. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-355L
Terms Typically Offered: Fall.

## NRS-355L Physical Assessment Lab 1 Credit

This lab course ( 45 hours) allows the student to perform and practice a complete and age appropriate health assessment skills in a simulated patient care environment.(NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog.)
Co-Requisite: NRS-355
Terms Typically Offered: Fall.

## NRS-360 Psychiatric and Mental Health Nursing 2 Credits

This theory course provides evidence-based concepts related to the care of patients with psychiatric and mental health disorders. Relevant nursing and interdisciplinary theories will be integrated into the nursing care of diverse individuals, families, groups, and communities in the management of mental illness. Holistic approaches to care and therapeutic communication will be explored. Lecture format. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-360P
Terms Typically Offered: Spring.
NRS-360P Psychiatric and Mental Health Nursing Practicum 2 Credits Co-Requisite: NRS 360. This practicum course provides experiences (90 hours) in the care and management of the patient with psychiatric and mental health disorders in simulated, community-based, and acute care settings.(NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-360
Terms Typically Offered: Spring.

## NRS-365 Integr Pathophys/Pharmacology 4 Credits

This course presents pathophysiology, using a systems approach, as applied to current nursing practice. Pharmacological principles such as pharmacokinetics, pharmacotherapeutics, contraindications, adverse effects and drug interactions, and nursing implications will be presented. Major drug classifications will be explored in conjunction with the pathophysiological process.
Terms Typically Offered: Fall.

## NRS-370 Nursing Care of the Adult II 3 Credits

This theory course will build upon evidence-based concepts learned in NRS-350. The nursing process will be applied to clients experiencing acute and chronic medical-surgical disease processes. Focuses on concepts related to the physical, emotional, spiritual, social, and cultural needs of the patient and family. Lecture format. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Prerequisite: Take NRS-302 NRS-302P NRS-350 NRS-350P NRS-360 NRS-360PNRS-365;
Co-Requisite: NRS-370P
Terms Typically Offered: Fall.

## NRS-370P Nursing Care/Adult II Practicum 3 Credits

This practicum course provides experiences in the care of management of health and illness for the adult and older adult patients and continues to build on experiences learned in NRS-350 and NRS-350P. Students practice skills associated with complex health needs of the adult and older adult with acute and chronic health problems. Clinical experiences (135 hours - can include simulated, community-based, and acute care environments) will focus on use of critical reasoning and clinical decision-making in the care of the adult and older adult with medicalsurgical disease processes.
Prerequisite: Take NRS-302 NRS-302P NRS-350 NRS-350P NRS-360
NRS-360PNRS-365;
Co-Requisite: NRS-370
Terms Typically Offered: Fall.

## NRS-375 Maternity and Women's Health 2 Credits

This theory course provides evidence-based concepts in the care and management of women's health and illness across the lifespan. Focus in on family-centered care, teamwork and collaboration, patient safety, and quality improvements in caring for women and their newborns. Lecture format. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-375P
Terms Typically Offered: Spring.

## NRS-375P Maternity and Women's Health Practicum 2 Credits

This practicum course provides experiences in the care and management of women's health and illness across the lifespan. Focus in on familycentered care, teamwork and collaboration, patient safety, and quality improvement in caring for women and their newborns. Practicum experiences ( 90 hours) will be spent in simulated, community-based, and acute care environments.(NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-375
Terms Typically Offered: Spring.

## NRS-385 Specialty Residency Elective 1-4 Credits

This variable unit course provides additional clinical experience for the student in a nursing specialty area. The student will work under the supervision of a registered nurse preceptor in providing direct patient care. Clinical hours are determined by the number of selected units for the course. Course may be repeated once for a maximum of 8 units.
Prerequisite: Take NRS-302 NRS-302P NRS-350 NRS-350P NRS-360
NRS-360PNRS-365 NRS-370 NRS-370P NRS-375 NRS-375P
Terms Typically Offered: Summer.

## NRS-400 Nursing Care of the Critically III Adult 3 Credits

This theory course provides evidence-based concepts in caring for the critically and emergently ill adult and older adult. Emphasis is on refining use of the nursing process in the care of patients with multi-system organ disease, complex disease states, and trauma. The student will examine the role of the nurse as a member of the interdisciplinary team and aspects of caring for patients at end-of-life. Lecture format. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Prerequisite: Take NRS-370
Co-Requisite: NRS-400P
Terms Typically Offered: Spring.
NRS-400P Nursing Care of the Critically III Adult Practicum 3 Credits
The practicum course provides experiences in caring for the critically and emergently ill adult and older adult. Emphasis is on refining use of the nursing process in the care of patients with multi-system organ disease, complex disease states, and trauma. Clinical experiences (135 hours) will be spent in simulated and acute care settings. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog) Co-Requisite: NRS-400

## NRS-420 Nursing Care of the Child and Adolescent 2 Credits

This theory course provides evidence-based concepts in caring for the infant, child, and adolescent experiencing acute and chronic illness. Issues of child abuse and neglect will be explored. The nursing process is integrated in providing age-appropriate care and advocating for infants, children, adolescents, and families. Focuses on collaboration with the child, family, and other members of the health care team in promoting health and adaptation to illness. Lecture format. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-420P
Terms Typically Offered: Fall.

## NRS-420P Nursing Care of the Child and Adolescent Practicum 2 Credits

This practicum course provides experiences in caring for the infant, child, and adolescent experiencing acute and chronic illness. The nursing process is integrated in providing age-appropriate and culturallycompetent care. The course focuses on collaboration with the child, family, and other members of the health care team in promoting health and the adaptation to illness. Clinical experiences ( 90 hours) will be spent in simulated, community-based, and acute care environments. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-420
Terms Typically Offered: Fall.

## NRS-460 Leadership and Management 2 Credits

This theory course explores theories of leadership/management. Emphasizes the importance of accountability, advocacy, communication, interprofessional collaboration in the leadership role, as well as the importance of promoting optimal patient care outcomes. (NOTE: This course previously combined the lecture and lab components for 3 credits; see 2019 Academic Catalog)
Prerequisite: NRS-370
Terms Typically Offered: Spring.

## NRS-465 Nursing Research and Evidence-Based Practice 3 Credits

 This course examines sources of evidence, scientific inquiry, and data collection processes related to nursing research, theory development, and evidence-based practice. Students will critically appraise quantitative and qualitative research and learn how these findings are relevant to ensuring optimal patient care outcomes. The course also includes an introduction to data entry and analysis and the role that informatics plays in nursing research. This course is offered online only.Terms Typically Offered: Fall.

## NRS-468 Community and Public Health Nursing 2 Credits

This theory course provides evidence-based concepts in caring for individuals, families, and populations in the community and public health settings. Issues such as child abuse and family violence will be explored. The theory course and practicum experiences ( 90 hours) qualifies the BSN graduate for Public Health Nursing certification. (NOTE: This course previously combined the lecture and lab components for 5 credits; see 2019 Academic Catalog)
Co-Requisite: NRS-468P
Terms Typically Offered: Fall.

NRS-468P Community and Public Health Nursing Practicum 2 Credits This practicum course provides experiences in caring for individuals, families, and populations in the community and public health settings. Issues such as child abuse and family violence will be explored. Practicum experiences ( 90 hours) will be spent in simulated, and community-based experiences, which qualifies the BSN graduate for Public Health Nursing certification.(NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog) Co-Requisite: NRS-468
Terms Typically Offered: Fall.

## NRS-475 Nursing Capstone and Preceptorship 2 Credits

This capstone course focuses on the application of evidence-based concepts of nursing and related coursework in the care of selected populations. The course aims to ease the role transition from a student nurse to a beginning professional nurse. Scheduled meetings and seminar will provide the opportunity for guided discussions and review of concepts learned throughout the program in preparation for the RN Licensure Examination. (NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-475P
Terms Typically Offered: Spring.
NRS-475P Nursing Capstone and Preceptorship Practicum 2 Credits
This practicum experience aims to ease the role transition from a student nurse to a beginning professional nurse and enrich the skill and practice knowledge of the student in preparation for the RN Licensure Examination. This practicum experience ( 90 hours) will further expose students to the complexities of multiple nursing roles. NOTE: This course previously combined the lecture and lab components; see 2019 Academic Catalog)
Co-Requisite: NRS-475
Terms Typically Offered: Spring.

## NRS-480 Ethical Issues and Holistic Care 3 Credits

This course offers an introduction to Christian nursing in the context of the mission of Vanguard University. Topics will include the history of Christian nursing, application of Christian values to healthcare, and the provision of spiritual care to patients and their families. This class will also look at ethical issues, including ethical decision making applicable to health care issues. Lecture format. (formerly titled Nursing Faithfully for two credits; see 2019 Academic Catalog)
Terms Typically Offered: Spring.

## Nursing (NURS)

NURS-235 Statistics for Health Professn 3 Credits
Limited to those enrolled in Health Sciences. Meets statistics prerequisite for NURS 405. This course introduces the conceptual background of statistical techniques and reasoning with an emphasis on application relevant to identifying outcomes. Provides a framework for understanding and applying commonly used data analysis techniques in health science research. Includes selecting, applying, and interpreting univariate and bivariate statistical methods in answering research questions from a health science perspective.
Terms Typically Offered: Fall.

## NURS-316 Writing/Critical Analysis/Health-Related 3 Credits

In this course, students engage in critical thinking and research writing relevant to learning and practice in nursing. The class emphasizes scholarly reading, analytical skills, writing, revising and editing, collaborative learning and the use of digital media in the research of health-related topics. Proper APA format will be emphasized and required for all written work.
Terms Typically Offered: Fall and Spring.

## NURS-320 Ethical Iss/Leg Aspects/Nurs 3 Credits

This course introduces students to the analysis of ethical issues and dilemmas arising in nursing practice and healthcare systems. Emphasis is placed on values clarification, models for ethical decision making, consideration of relevant legal aspects, and related documents such as the Nursing Code of Ethics that guide professional practice. Woven throughout the ethical discussions is reference to the importance of Christian values and a Christian worldview in identifying and solving ethical issues that arise out of the practice of nursing. This course is offered in seated and online formats.
Terms Typically Offered: Fall and Spring.

## NURS-327 Health Assessment 3 Credits

The purpose of this course is to provide the student with the opportunity to be equipped with skills necessary to do a multi-dimensional health assessment of their identified client. Emphasis is placed on the concepts of bio-psycho-social, spiritual, cultural, and community health care needs in performing the holistic examination of the individual. Additional emphasis will include the client's health care needs, levels of prevention and growth and development of the individual across the lifespan. This course is offered in seated and online formats.

## NURS-405 Nursing Research and Seminar 3 Credits

This course explores the historical, philosophical, and ethical aspects of nursing research. The relationship between nursing research and professional accountability is explored. An emphasis is placed on the principles and methods of research process with emphasis on evaluating research to determine significance and applicability to nursing practice. Students will apply concepts to a research project. This course is offered in seated and online formats.
Prerequisite: MUST COMPLETE: STATISTICS COURSE

## NURS-410 Principles of Pathophysiology 4 Credits

This course presents knowledge of pathophysiology, using a systems approach, as applied to current nursing practice. Selected major health problems, their pathophysiology and medical treatment are discussed. Topics from various scientific and clinical areas will be explored and coordinated with other courses in the nursing program. This course is offered in seated and online formats.

## NURS-411 Spirituality/Care/Professional Nursing 1 Credit

Students are guided in an examination of patient-centered spiritual care amongst diverse healthcare populations. Evidence-based spiritual care delivery from a Christian worldview and the integration of faith and practice as an essential component of nursing excellence is explored. Personal and professional development of the nurse, including moral courage is examined, as well as the effect of this on patient care outcomes. The implementation of optimal interventions from an interprofessional spiritual care team approach will also be evaluated. Terms Typically Offered: Fall.

## NURS-415 Sociocult Cntxt/Diversity/Nurs 3 Credits

This course examines how cultural, socioeconomic, religious, racial, generational, and lifestyle differences are experienced by members of society, and how these variables are related to health and disease. Also included is a concerted understanding of how cultural and social practices impact health both positively and negatively. This course is designed to help the student integrate diversity knowledge within the community health setting. This course is offered in seated and online formats.
NURS-420 Community Health Nurs/Clinical Studies 5 Credits This course, through both classroom and clinical experience in community settings, will help the student develop skills in providing nursing care to individuals, families, and/or communities. Issues such as Child Abuse and family violence will be discussed. Ninety hours of clinical practice in public/community health settings are required to successfully complete this course. The Child Abuse content for the Public Health Nurse certificate (PHN) is included (7 hours). This course is offered in seated and online formats. *Note: There may be additional clinical/health requirements or updates that need to be submitted prior to beginning this course. All clinical/health requirements are to be uploaded in an immunization tracker system (contracted by the university).

## NURS-425 Edctn Theory/Proc/Tchg in Nurs 3 Credits

This course explores education theory and skills in clinical teaching situations with emphasis on individuals, families, and groups. Content includes theories and principles of learning, teaching strategies and methodologies, teaching resources, assessment and evaluation of instruction. This course is offered in seated and online formats.

## NURS-430 Ldrshp/Mngt in Professnl Nurs 3 Credits

This course explores theories of leadership/management, concepts of power, motivation, decision-making, change, budgeting and management skills related to the professional nursing role in the healthcare system. This course is offered in seated and online formats.

## NURS-470 Special Topic: 1-4 Credits

Study of a special topic in Nursing. May be repeated for credit.
NURS-501 Theoretical Frameworks of Leadership 2 Credits
This course explores the theoretical underpinnings of leadership and management in nursing. Content includes leadership styles and attributes, interpersonal communications in effectively leading and collaborating with diverse populations, as well as, an explanation of the concept of "emotional intelligence." Building a dynamic team to improve optimal quality care will also be articulated. Responsibilities of managers, such as, organizational management, appropriate delegation of responsibilities, the art of supervision, coaching for success and collaboration will be analyzed. The role of ethics and the law will be discussed as they apply to equity and fair treatment of all in the workplace.
Terms Typically Offered: Fall.

## NURS-506 Diversity, Social and Global Issues in Health Promotion and Disease Prevention 2 Credits

Students will have the opportunity to synthesize and analyze the impact of social and global issues on the perceptions of health; view of disease prevention and health promotion among culturally and socially diverse patient/client and aggregate populations. Health issues that affect populations across the globe will be explored in order for nurses to effectively advocate for change.
Terms Typically Offered: Fall.

## NURS-510 Spirituality/Care/Professional Nursing 1 Credit

Students are guided in an examination of patient-centered spiritual care amongst diverse healthcare populations. Evidence-based spiritual care delivery from a Christian worldview and the integration of faith and practice as an essential component of nursing excellence is explored. Personal and professional development of the nurse, including moral courage is examined, as well as the effect of this on patient care outcomes. The implementation of optimal interventions from an interprofessional spiritual care team approach will also be evaluated. Terms Typically Offered: Fall.

## NURS-512 Leg/Eth Perspectives for Adv Prac Edu \& Education and Leadership/Management 2 Credits

Prepares graduates to analyze and take action in regard to legal and ethical situations encountered by nurses and interprofessional healthcare teams at the individaul, community, organizational, and public policy level. Current and emerging influences of legal and ethical issues on nursing practice are explored and professional codes of ethics are applied to the decision-making process. Skills are developed to search and collect information on legal issues related to risk management and advocacy for clients and students in practice and academic settings.
NURS-516 Research Methodologies and Project Development I 3 Credits
This course is an exploration of both the research process and methodologies. The content includes both quantitative and qualitative designs. Emphasis will be placed on the first phase of the thesis project design and development. Students will have the opportunity to prepare the first three chapters of the project report.
Prerequisite: You must take an Undergraduate Statistics course before you can register for this course.

## NURS-518 Nurse Educator and Leadership Roles: Theory and Practice 2 Credits

Explores and integrates leadership concepts essential to the Advanced Practice Nurse Educator role that include transformational leadership, life-long learning, leader as innovator, reflective practice, servant leadership, exemplary role modeling, and the promotion of excellence in all arenas of nursing education.
Terms Typically Offered: Fall.

## NURS-526 Policies Affecting Health Delivery And Fiscal Systems 2 Credits

The impact that policies exert on health care delivery will be analyzed in addition to how regulatory processes are developed and impact nursing practice. Emphasis on identifying factors, such as, technology, federal, and local policies that influence development of and changes in health care systems. Students will have the opportunity to interpret various health policies and articulate how nurses can advocate for changes that enhance health. How policy-making proceeds will also be explored. Terms Typically Offered: Fall, Spring, and Summer.

## NURS-531 Assessing, Planning, and Managing Budget Resources 2 Credits

Utilizing methods to assess fiscal and resource requirements, planning budgets, and managing systems will be reviewed and analyzed. Methods and instruments available to efficiently allocate resources will be discussed as well as the design of plans that decrease duplication of ineffective strategies and services. Business principles will be identified as potential guidelines in managing nursing units and agencies.
Terms Typically Offered: Spring and Summer.

NURS-541 Management Practicum 4 Credits
During this course, each student will choose a setting in which he/ she will complete 55 hours in a management /leadership position. Each student will work with a preceptor who occupies either a formal leadership or management position. During this practicum, students will apply knowledge that was learned in earlier coursework. Seminars (5 hours) will also be scheduled by the faculty of record in order to direct and support students in achieving personal as well as course objectives. (NOTE: Course no longer being offered; NURS-653 to replace course; see 2020 Academic Catalog)
Prerequisite: NURS-501
Terms Typically Offered: Summer.

## NURS-580 Introduction to Capstone Project 2 Credits

This course introduces the definition, purpose, and expectations of the Capstone Project. Examines the connections between theoretical frameworks and evidence-based practice. Students will identify current issues in nursing practice and education in need of study. Students will begin to design a quality improvement project or an evidence-based project that will facilitate the application of theory to practice with the endeavor to effect change and improve outcomes.

## NURS-610 Theoretical Frameworks of Education 2 Credits

The goal of this course is to explore the theories of education, how a theoretical framework becomes the foundation for an effective teaching process, how to focus the educational offering on an aggregate (e.g. students, patients/families, staff, or other health care providers). There will be a review about how learning proceeds, and how educators successfully apply principles of andragogy in the teaching / learning setting. In addition, the students will have the opportunity to discuss the legal and ethical issues surrounding educational settings in today's culture.
Terms Typically Offered: Fall.

## NURS-612 Education Practicum 3 Credits

Provides a clinical practicum immersion experience exploring the role of the Advanced Practice Nurse Educator in contemporary innovative roles including: Clinical Instructor, Nurse Academician, Hospital-based/Community Nurse Educator, Informatics Nurse, Nurse Researcher, and Nurse Navigator. The student will focus on a project targeting the educational needs of the assigned unit. The course is designed to provide the student with practice opportunities in refining organization/community systems assessment, intervention, and evaluation competencies. The course consists of 130 practicum and five seminar hours. The student will be partnered with a master's or doctorally prepared preceptor under the guidance of faculty.
Prerequisite: Take NURS-518;
Terms Typically Offered: Fall.

## NURS-617 Use of Technology in Healthcare and Nursing Education 2

## Credits

Students will explore the application of emerging technologies in the nurse's role as educator. The use of technology will also be analyzed in the effective promotion of optimal patient care outcomes. Utilizing various technologies, students will prepare a scholarly presentation on a topic related to the use of technology in healthcare or nursing education. Terms Typically Offered: Fall.

## NURS-620 Strategies for Effective Instruction 2 Credits

In this course, effective teaching/learning modalities will be discussed and analyzed. Experiences with the patient simulators will provide opportunities to complete hands- on practice related to patient care. The course will assist students in assessing, planning, and implementing instructional sessions geared toward a particular aggregate while considering the learners age group, culture, readiness to learn, and barriers to learning. (NOTE: As of the 2020 Academic Catalog, this course is no longer offered.)
Terms Typically Offered: Fall.

## NURS-621 Strategies of Simulation Learning and Instruction 2 Credits

 Provides an overview of simulation concepts and methodologies applied to nursing education. Innovative teaching and learning strategies are explored using state of the art computerized manikin systems, both lo and hi-fidelity across the lifespan. Provides the opportunity to plan, construct, organize, implement, and evaluate patient scenarios in the role of the nurse educator. Emphasis is placed on debriefing as essential to effective learning based on principles of reflective practice. A hands-on experience is facilitated in a simulated healthcare setting.Terms Typically Offered: Fall and Spring.

## NURS-625 Thesis Development II 2 Credits

This course constitutes the second phase of the thesis project preparation. The student will continue to develop the project and refine the project report. In addition, Phase II will prepare the student to implement the project.
Prerequisite: NURS-516
Terms Typically Offered: Fall, Spring, and Summer.
NURS-630 Curriculum and Program Development 2 Credits
This course will provide guidelines in planning a patient teaching offering, an in-service, a course, or a complete curriculum. Discussion will surround the issues of planning a teaching event that focuses on the development of a presentation, description of the learning event, course objectives, content, resources/ audiovisuals, and evaluation plan. Terms Typically Offered: Fall, Spring, and Summer.

## NURS-635 Class/Course Preparation/Plan/Comp Eval Competency Evaluation 2 Credits

This course will assist the student to further refine the skills introduced in NURS 630. The students will articulate the process by which the learning needs and styles of an aggregate are assessed. Each student will then prepare and prepare a presentation with a chosen aggregate. In addition, the student will develop a brief evaluation instrument to analyze whether or not learning has occurred based on the stated objectives. The inservice or presentation will also be measured, via this evaluation, in terms of instructor effectiveness, content clarity, and relevance.
Terms Typically Offered: Spring.

## NURS-642 Thesis Development III, Final Written Report and Defense 2 Credits

Project implementation, the completed written report, and the defense make up the final phase of the thesis project. The thesis defense provides the student the opportunity to perform a professional presentation of their research to an audience of faculty, students, and community members. The course provides on-going focused support and from an appointed faculty advisor. The project must be completed during this course.
Prerequisite: NURS-516, NURS-625
Terms Typically Offered: Fall, Spring, and Summer.

## NURS-650 Education Practicum 4 Credits

This course provides the graduate students with practical application of education theories in college settings. Each student will have the opportunity to choose a preceptor and a setting in which to complete the course successfully. Students will be able to build educator skills by collaborating with a master teacher in order to assess the learning needs of a group, prepare a lesson plan, or assist with syllabi revisions, and teach a portion of a course to nursing students. Seminars (5 Hours) will also be scheduled by the faculty of record in order to direct and support students in achieving personal as well as course objectives. (NOTE: As of 2020 Academic Catalog, this course is no longer being offered)
Prerequisite: NURS-610
Terms Typically Offered: Fall.

## NURS-651 Advanced Education Practicum 2 Credits

Provides a clinical practicum immersion experience that allows the student to integrate and apply new knowledge, education theory, and professional competencies in the role of the advanced practice nurse educator. Designed to provide the student with practice opportunities that facilitate optimal patient care outcomes by refining organizational/ community systems assessment, intervention, and evaluation competencies. A minimum of 11 hours per week ( 90 hours) will be spent in the clinical environment with a master's prepared preceptor and under the guidance of practicum faculty. A seminar (five hours) and practicum learning experiences are designed to support the achievement of course and program learning outcomes.
Prerequisite: NURS-610
Terms Typically Offered: Fall, Spring, and Summer.

## NURS-653 Leadership Practicum in Healthcare 2 Credits

Provides the opportunity to perform innovatively and work collaboratively in administrative healthcare environments. Promotes the implementation of quality practice standards and policies for select populations within the healthcare system/organization. Establishes a forum for relating empirical and research-based literature to practicum observations, in the exploration of nursing leadership roles that influence the redesign of emerging healthcare systems (i.e. optimizing cost effective patient centered care). A minimum of 11 hours per week ( 90 hours) will be spent in the clinical environment with a master's prepared preceptor and under the guidance of practicum faculty. A seminar (five hours) and practicum learning experiences are designed to support the achievement of course and program learning outcomes.
Prerequisite: NURS-501
Terms Typically Offered: Fall and Summer.

## NURS-680 Independent Study: 1-3 Credits

This course is designed to assist students who wish to experience a more in-depth understanding of a specific subject or to complete a scholarly endeavor (practice, internship, meta-analysis). A faculty member will be assigned to the student (s) in order to assist and direct the student toward meeting course objectives. In collaboration with the faculty, the student will: 1. Identify area of interest through the statement of a problem or purpose; 2. Decide on a course of action by way of formulating goals and objectives; 3. Design a plan of action; and 4. Evaluate the plan once the objectives have been met.
Terms Typically Offered: Spring and Summer.

## NURS-685 Implementation of Capstone Project 2 Credits

This course continues with the concepts presented in the Introduction to Capstone Project course. Students will develop the implementation process of their Capstone Project, focusing on the last three sections: Methods, Results, and Discussion. Students will analyze the differentiation between nursing research, evidence-based practice, and quality improvement. Students will synthesize data dissemination to provide evidence in the improvement of patient care outcomes and nursing practice and make recommendations for future research.

## NURS-999 NCLEX RN License 0-10 Credits

## Old Testament (OT)

## OT-201 Old Testament Survey 3 Credits

Prerequisite to all upper division courses in Old Testament. An introductory study of the literature of the Old Testament, with a view toward appreciation of its content and historical development, with emphasis on theological themes such as creation, election, and redemption. (required for all Religion majors; meets Religion/Humanities requirement for other majors). (School for Professional Studies Course). Terms Typically Offered: Fall and Spring.

## OT-201C Old Testament Survey 3 Credits

Prerequisite to all upper division courses in Old Testament. An introductory study of the literature of the Old Testament, with a view toward appreciation of its content and historical development, with emphasis on theological themes such as creation, election, and redemption.
Terms Typically Offered: Fall and Spring.

## OT-291 Special Topic: 1 Credit

Study of a special topic relating to the Old Testament. May be repeated for credit.

## OT-292 Special Topic: 2 Credits

Study of a special topic relating to the Old Testament. May be repeated for credit.

## OT-293 Special Topic: 3 Credits

Study of a special topic relating to the Old Testament. May be repeated for credit.

## OT-306 Intermediate Hebrew I 3 Credits

Review and consolidation of grammar and syntax. Extensive reading in the narrative portions of the Old Testament for style and vocabulary. Offered alternate years.
Prerequisite: OT-201C, BLAN-204, BLAN-205; or demonstrated proficiency Terms Typically Offered: Fall.

## OT-307 Intermediate Hebrew II 3 Credits

Review and consolidation of grammar and syntax. Extensive reading in the narrative portions of the Old Testament for style and vocabulary. Offered alternate years.
Prerequisite: OT-201C, OT-306
Terms Typically Offered: Spring.

## OT-310 Psalms 3 Credits

A study of selected Psalms, especially noting the structure, language, meaning, authorship, and historic setting of each.
Prerequisite: OT-201C
Terms Typically Offered: Spring.

## OT-320 Poetic \& Wisdom Literature 3 Credits

A study of the wisdom literature of the Old Testament with attention to the characteristic features and forms of Hebrew poetry and the role of wisdom in Israel. This course may include any of the following books: Job, Proverbs, Ecclesiastes, and the Song of Solomon.
Prerequisite: OT-201C
Terms Typically Offered: Fall.

## OT-330 Isaiah 1-39 3 Credits

Studies in the lives and literature of the Hebrew prophets. The following courses in the prophets will be scheduled: OT 330 Isaiah 1-39, OT 331 Isaiah 40-66, OT 332 Jeremiah, OT 333 Ezekiel, and OT 334 Minor Prophets.
Prerequisite: OT-201C
Terms Typically Offered: Fall.

## OT-331 Isaiah 40-66 3 Credits

Studies in the lives and literature of the Hebrew prophets. The following courses in the prophets will be scheduled: OT 330 Isaiah 1-39, OT 331 Isaiah 40-66, OT 332 Jeremiah, OT 333 Ezekiel, and OT 334 Minor Prophets.
Prerequisite: OT-201C
Terms Typically Offered: Fall.

## OT-332 Jeremiah 3 Credits

Studies in the lives and literature of the Hebrew prophets. The following courses in the prophets will be scheduled: OT 330 Isaiah 1-39, OT 331 Isaiah 40-66, OT 332 Jeremiah, OT 333 Ezekiel, and OT 334 Minor Prophets.
Prerequisite: OT-201C
Terms Typically Offered: Spring.

## OT-333 Prophetic Literature: Ezekiel 3 Credits

Studies in the lives and literature of the Hebrew prophets. The following courses in the prophets will be scheduled: OT 330 Isaiah 1-39, OT 331 Isaiah 40-66, OT 332 Jeremiah, OT 333 Ezekiel, and OT 334 Minor Prophets.
Prerequisite: OT-201C
Terms Typically Offered: Spring.

## OT-334 Minor Prophets 3 Credits

Studies in the lives and literature of the Hebrew prophets. The following courses in the prophets will be scheduled: OT 330 Isaiah 1-39, OT 331 Isaiah 40-66, OT 332 Jeremiah, OT 333 Ezekiel, and OT 334 Minor Prophets.
Prerequisite: OT-201C
Terms Typically Offered: Fall.

## OT-341 Genesis 3 Credits

An examination of the historical and legal formulations in Genesis through Deuteronomy in light of recent archaeological finds and critical research. The following courses will be included: OT 341 Genesis, OT 342
Exodus, OT 343 Leviticus, OT 344 Numbers, and OT 345 Deuteronomy.
Prerequisite: OT-201C
Terms Typically Offered: Spring.

## OT-342 Exodus 3 Credits

An examination of the historical and legal formulations in Genesis through Deuteronomy in light of recent archaeological finds and critical research. The following courses will be included: OT 341 Genesis, OT 342 Exodus, OT 343 Leviticus, OT 344 Numbers, and OT 345 Deuteronomy. Prerequisite: OT-201C
Terms Typically Offered: Fall.

## OT-343 Leviticus 3 Credits

An examination of the historical and legal formulations in Genesis through Deuteronomy in light of recent archaeological finds and critical research. The following courses will be included: OT 341 Genesis, OT 342 Exodus, OT 343 Leviticus, OT 344 Numbers, and OT 345 Deuteronomy. Prerequisite: OT-201C

## OT-344 Numbers 3 Credits

An examination of the historical and legal formulations in Genesis through Deuteronomy in light of recent archaeological finds and critical research. The following courses will be included: OT 341 Genesis, OT 342 Exodus, OT 343 Leviticus, OT 344 Numbers, and OT 345 Deuteronomy. Prerequisite: MUST COMPLETE: OT-201C

## OT-345 Deuteronomy 3 Credits

An examination of the historical and legal formulations in Genesis through Deuteronomy in light of recent archaeological finds and critical research. The following courses will be included: OT 341 Genesis, OT 342 Exodus, OT 343 Leviticus, OT 344 Numbers, and OT 345 Deuteronomy. Prerequisite: OT-201C

## OT-406 Advanced Hebrew I 2 Credits

Syntactical and exegetical analysis of selected portions from the Hebrew Old Testament. Offered on demand.
Prerequisite: OT-201C, OT-306, OT-307 or demonstrated proficiency Terms Typically Offered: Fall.

## OT-407 Advanced Hebrew II 2 Credits

Syntactical and exegetical analysis of selected portions from the Hebrew Old Testament. Offered on demand.
Prerequisite: OT-201C, OT-406

## OT-425 Women in the Books of Samuel 3 Credits

This course will examine the books of 1 and 2 Samuel with particular emphasis upon the female characters that occur within the narrative, and the concurrent development of David's character as made evident in the biblical text through his significant relationships with women. The course will provide significant opportunity for students to acquire and improve interpretive skills appropriate to the narrative form of biblical text. Special attention will be given to the important contributions of the David narrative to a theology of kingship and the ethics of power usage within community, major themes in the books of Samuel.
Prerequisite: OT-201C
Terms Typically Offered: Fall.

## OT-430 Women in Early Israel 3 Credits

This course will examine the role of women in early Israel and the theological significance of their inclusion in the biblical text. ÿA major portion of the course will be devoted to the study of selected female characters occurring in the books of Genesis through Judges. ÿThe course will provide significant opportunity for students to acquire and improve interpretive skills appropriate to the narrative form of biblical text. ÿAttention will also be given to relevant cultural realities of women in the ancient Near Eastern world.
Prerequisite: OT-201C
Terms Typically Offered: Spring.
OT-470 Special Topic: 1-3 Credits
Study of a special topic in Old Testament. May be repeated for credit.

OT-472 Selected Themes/OT Theology 3 Credits
An exploration of the meaning of, and limits for, biblical theology, together with the works of certain prominent scholars in the area; and of selected motifs in the Old Testament. Core requirement for the religion major offered every fall.
Prerequisite: NT-101C, OT-201C; THEO-101C or THEO-103C/H
Terms Typically Offered: Fall.
OT-480 Individual Studies: 1-3 Credits
May be repeated for credit.
OT-490 Seminar. 3 Credits
Mutual investigation of one topic in Old Testament of particular relevance to upper division religion majors. May be repeated for credit.

## Old Testament-Graduate (OTG)

OTG-502 Introduction to Hebrew 2 Credits
OTG-503 Beginning Hebrew I 4 Credits
An introduction to Hebrew grammar, vocabulary and syntax for the graduate student. Offered alternate years.
Terms Typically Offered: Fall.
OTG-504 Beginning Hebrew II 4 Credits
A continuation of Beginning Hebrew I. Offered alternate years.
Terms Typically Offered: Spring.
OTG-505 O.T. Life and Literature 3 Credits
Terms Typically Offered: Spring.
OTG-506 Advanced Hebrew I 2 Credits
Terms Typically Offered: Fall.
OTG-507 Advanced Hebrew II 2 Credits
Terms Typically Offered: Spring.

## OTG-508 O.T. Exegesis 3 Credits

This course is designed to acquaint the student with some of the methodological, cultural, literary and theological issues that facilitate and condition the study of the Old Testament and that will lay a foundation for further work in that field. The final project will be an exegesis of a passage of Old Testament scripture.
Terms Typically Offered: Fall and Spring.

## OTG-518 Old Testament Theology \& Interpretation 3 Credits

This course surveys the basic issues in the historical, social, and theological interpretations of the Old Testament. As such, it constitutes a basic introduction to exegetical and theological methods.
Terms Typically Offered: Fall.
OTG-520 Current Issues/Old Testament 3 Credits
Terms Typically Offered: Fall and Spring.
OTG-521 Apocalyptic Literature 3 Credits
Terms Typically Offered: Fall and Spring.
OTG-530 Kingdom/God-Old Testament 3 Credits
Terms Typically Offered: Fall.
OTG-535 Moral Issues/Old Testament 3 Credits
Terms Typically Offered: Fall.
OTG-540 Seminar: 3 Credits
OTG-541 Seminar: 3 Credits
Terms Typically Offered: Fall and Spring.

OTG-542 Seminar. 3 Credits
OTG-546 Semitic Languages: 3 Credits
Terms Typically Offered: Fall.
OTG-547 Semitic Languages II 3 Credits
Terms Typically Offered: Spring.
OTG-550 Independent Study/Old Test. 1-3 Credits
Terms Typically Offered: Spring.
OTG-562 Selected Themes/OT Theology 2-4 Credits
OTG-566 Introduction to Judaism 4 Credits
Terms Typically Offered: Spring.
OTG-570 Special Topic: 1-3 Credits
Terms Typically Offered: Fall.
OTG-572 Old Testament Theology 3 Credits
Terms Typically Offered: Fall.
OTG-574 Old Testament Ethics 3 Credits
The study of moral theology through a biblical theology of the created order. It is designed to explore the possibility of formulating a systematic approach to the norms for ethical conduct as they are set forth both in edict, institution and deed in the literature of the Old Testament. (M.T.S. must have OT Life and Literature or its equivalent.)
OTG-578 Old Testament Introduction 3 Credits
OTG-582 Bibl Theo of Lv,Sex,Marr \& Fam 3 Credits
Terms Typically Offered: Fall.
OTG-584 Bibl Theo of Pwr,WIth \& Prosp 4 Credits
OTG-586 Bibl Theo/Power,WIth,Prosper 3 Credits
Terms Typically Offered: Spring.
OTG-625 Current Issues/O.T. Studies 3 Credits
Terms Typically Offered: Spring.
OTG-630 Kingdom of God/Old Testament 3 Credits
Terms Typically Offered: Fall.
OTG-631 Intermediate Hebrew I 3 Credits
Further study of grammar and syntax including extensive exegesis of the narrative portions of the Old Testament. Offered alternate years.
Terms Typically Offered: Fall.

## OTG-632 Intermediate Hebrew II 3 Credits

A continuation of Intermediate Hebrew I. Offered alternate years. Terms Typically Offered: Spring.

## OTG-635 Moral Issues/Old Testament 3 Credits

OTG-640 Kingdom of God/Old Testament 3 Credits
This course will focus on the following aspects of kingdom theology in the Old Testament: The theology of the kingship of Yahweh; the theology of human kingship in ancient Israel as it was ideally conceived; the rise of the monarchy- the idealized Davidic kingship; the development of the monarchy as it actually materialized in Israel and in Judah and; the application of these theologies to life situations. Included will be a study of the theological values in the patriarchal journeys, together with the archeological backgrounds of the patriarchs; the contribution of genealogies; the competition from neighboring concepts of God and kingship, the people of Israel and their land.
Terms Typically Offered: Spring.

OTG-650 Independent Studies/O.T. 1-4 Credits
Terms Typically Offered: Spring and Summer.
OTG-670 Special Topic: 1-3 Credits
Study in a special topic in Old Testament.
Terms Typically Offered: Fall and Spring.

## OTG-680 Individual Study in Old Testament 3 Credits

A study of a subject not addressed by a regular course that is initiated by the student through a written prospectus of the proposed study and the securing of an appropriate sponsoring faculty member to supervise and evaluate the study. Up to a maximum of four units may be applied toward the degree requirements.
Terms Typically Offered: Fall, Spring, and Summer.

## OTG-690 Seminar in Old Testament 3 Credits

An investigation of one topic in the Old Testament of particular relevance to graduate students in religion. Examples are: Exodus, Isaiah, and Psalms.
Terms Typically Offered: Fall.
OTG-725 Current Issues in Old Testament Studies 3 Credits
An investigation and evaluation of the basic critical problems of Old
Testament interpretation which aims to acquaint the student with the more significant methodologies and personalities in contemporary scholarly studies.
Terms Typically Offered: Spring.

## Pastoral Leadership Studies (PLST)

## PLST-291 Special Topic: 1 Credit

Study of a special topic in pastoral leadership. May be repeated for credit.
PLST-292 Special Topic: 2 Credits
Study of a special topic in pastoral leadership. May be repeated for credit.
PLST-293 Special Topic: 3 Credits
Study of a special topic in pastoral leadership. May be repeated for credit.

## PLST-310 Intro/Christian Leadership 2 Credits

An introduction to a theology of leadership through the development of a healthy interior life; an understanding of a situational approach to leadership; and knowledge of the leader's role in the corporate vision, spirituality, and mission of the Christian community. Core requirement for the religion major offered every semester.
Terms Typically Offered: Fall and Spring.

## PLST-312 Intro/Pastoral Care 2 Credits

An introduction to a theology of care and counsel as a central focus of leadership-lay and vocational-in the mission and ministry of the Christian community. Core requirement for the religion major offered every spring. Prerequisite: NT101C, OT-201C; THEO-101C or THEO-103C/H
Terms Typically Offered: Spring.

## PLST-314 Intro/Preaching \& Teaching 2 Credits

An introduction to the proclamation mission of communicating the gospel through teaching and preaching. Core requirement for the religion major offered every semester.
Prerequisite: BINT-270, NT-101C, OT-201C; THEO-101C or THEO-103C/H Terms Typically Offered: Fall and Spring.
PLST-347 Ministry and Media 3 Credits
PLST-372 Res/Meth/Study/Ethics/Chrs Ldr 3 Credits
Terms Typically Offered: Spring.

PLST-406C Music and Worship 3 Credits
Terms Typically Offered: Spring.

## PLST-420 Disciplines/Spiritual Life 3 Credits

A study of the biblical and theological foundations of spirituality within the Pentecostal/charismatic tradition. The emphasis will be on building a functioning spiritual life by the exercise of spiritual disciplines such as prayer, worship, community, fasting, and other disciplines. Core requirement for the religion major offered every fall.
Prerequisite: NT-101C, OT-201C; THEO-101C or THEO-103C/H
Terms Typically Offered: Fall.
PLST-423 Sociology of Religion 1-3 Credits
Terms Typically Offered: Spring.

## PLST-424 Pentecost-Charismat Movmnt 1-3 Credits

PLST-425 Narrative/Expository Preaching 3 Credits
An examination of narrative and expository preaching methods as complementary styles of preaching to strengthen pulpit ministry. Prerequisite: PLST-314
Terms Typically Offered: Spring.
PLST-430 Management/Christian Organztns 3 Credits
Exploring effective management from a systems perspective that examines the internal processes of a learning organization as well as its relationship with the environment. Selected topics will also include recruitment and training of volunteers, conflict management, team building, planning and financial management, and legal issues.
Prerequisite: PLST-310
Terms Typically Offered: Spring.

## PLST-432 Women in Ministry 3 Credits

An overview of the biblical and contemporary views on the leadership roles of women in the church, and the relevance of women in ministry for the modern church.
Terms Typically Offered: Spring.

## PLST-440 Pastoral Care/Counseling 3 Credits

The application of counseling and guidance principles to the work of the pastor and other religious workers in the field of pastoral care, including the use of case studies in ministering to persons with illness, grief, home, youth, or other types of special problems.
Prerequisite: PLST-312
Terms Typically Offered: Fall.

## PLST-446 Parables/Preaching 3 Credits

An examination of the interrelationship between the meaning of the parables as Jesus spoke them to his original hearers and the message of parables proclaimed in the church today.
Prerequisite: NT-101C
Terms Typically Offered: Spring.

## PLST-449 Denominational Polity 1 Credit

Guided reading and discussion of official district and national constitutions and bylaws, and research in denominational history and doctrine. Designed for students seeking ministerial credentials with the Assemblies of God.
Terms Typically Offered: Fall.

## PLST-450 Ministerial Internship 3-12 Credits

The internship program is a full-time, one-semester course of intensive inservice ministerial training in an assigned church under the supervision of a pastor and religion faculty member. Specific internship modules may also be taken during two, three, or four semesters. A maximum number of twelve units may be taken for internship credit. Note: Application forms are available in the Department of Religion office.
Terms Typically Offered: Fall and Spring.
PLST-455 Current Issues/Youth Ministry 3 Credits
Terms Typically Offered: Fall.

## PLST-457 Church Growth 3 Credits

## PLST-460 Practicum 1-3 Credits

A learning experience which integrates classroom theory with practice through assigned responsibilities in local churches, hospitals, mission fields, or other appropriate institutions under supervision by both the onscene administrator and the religion faculty member. May be repeated for credit. Note: Application forms are available in the Department of Religion office.
Terms Typically Offered: Fall and Spring.

## PLST-461 Integrative Field Studies 3 Credits

Highly Recommended: PLST 450 or PLST 460A course designed to integrate theory with guided field experience in the student's chosen field. The intent is to reflect theologically in a ministry setting with special attention given to examining one's spiritual gifts, calling, identity, and preparation.
Prerequisite: PLST-310, PLST-312, PLST-314
Terms Typically Offered: Spring.

## PLST-470 Special Topic: 1-3 Credits

Study of a special topic in pastoral leadership. May be repeated for credit.
PLST-480 Ind Studies: 1-3 Credits
May be repeated for credit.

## PLST-490 Seminar: 1-3 Credits

Mutual investigation of one topic in pastoral leadership of particular relevance to upper division religion majors. May be repeated for credit.

## Philosophy (PHIL)

PHIL-201 Introduction to Philosophy 3 Credits
An introductory study which aims to provide a basic understanding of the nature and aims of philosophy, an acquaintance with some representative philosophical problems, an introduction to the methodology of philosophical inquiry, and a mastery of some of the terminology employed in philosophical discussion. This course does not fulfill a core curriculum requirement. Core requirement for the religion major offered every semester.
Terms Typically Offered: Fall and Spring.
PHIL-291 Special Topic: 1 Credit
Study of a special topic in philosophy. May be repeated for credit.

## PHIL-292 Special Topic: 2 Credits

Study of a special topic in philosophy. May be repeated for credit.
PHIL-293 Special Topic: 3 Credits
Study of a special topic in philosophy. May be repeated for credit.

## PHIL-430 Ethics 3 Credits

The course provides an introduction to a variety of ethical theories and systems in order to formulate alternative perspectives for ethical analysis and decision making.
Prerequisite: PHIL-201

## PHIL-437 Philosophy of Religion 3 Credits

The course employs philosophical methodology to examine the problems of the nature, limits, and validity of religious knowledge; the meaning of religious language; and the origin and nature of evil. This course does not fulfill a core curriculum requirement.
Prerequisite: PHIL-201
Terms Typically Offered: Spring.
PHIL-467 Beauty and the Christian Life 3 Credits
An exploration of the category of beauty as it is variously addressed within the Bible, historic and contemporary Christian theology, and philosophy. These sources will be considered so that students may begin developing their own constructive theology of beauty.
Prerequisite: THEO-101C or THEO-103C
Terms Typically Offered: Fall and Spring.
PHIL-470 Special Topic: 1-3 Credits
Study of a special topic in philosophy. May be repeated for credit.

## Physical Science (PSCI)

PSCI-130 Introduction to Physics I 3 Credits
Prerequisite: MISSING PREREQ: MATH-117
Pre- or Co-Requisite: Take PSCI-130L
PSCI-130C General Physics I 3 Credits
This is a trigonometry based course in mechanics and heat. Topics include kinematics, Newton's Laws, rotational motion, fluid mechanics, and laws of thermodynamics. A knowledge of algebra, trigonometry, and vectors is necessary for success in this class. Should students not be prepared to succeed in general physics $I$, it is recommended that students complete MATH-170C or MATH-180C before taking general physics I. Three hours of lecture. This course fulfills the core curriculum lecture requirement in natural sciences.
Co-Requisite: PSCI-130CL
Terms Typically Offered: Fall.
PSCI-130CL General Physics I Lab 1 Credit
Laboratory experiments will demonstrate principles studied during lecture sessions. These experiments demonstrate principles in the areas of rotational motion, momentum, fluid mechanics, heat transfer, friction and conservation of mechanical energy. A knowledge of algebra, trigonometry, and vectors is necessary for success in this class. Should students not be prepared to succeed in general physics I lab, it is recommended that students complete MATH-170C or MATH-180C before taking general physics I lab. This course fulfills the core curriculum laboratory requirement in the natural sciences. Laboratory three hours. Lab fee.
Co-Requisite: PSCI-130C

## PSCI-131 General Physics II 3 Credits

This is a trigonometry based course in electricity, magnetism, sound and light. Topics include mechanical waves, sound, Coulomb's Law, electrostatics, electric circuits, introductory electronics, magnetic fields, induction, wave mechanics, geometrical optics, interference, diffraction and polarization. Three hours of lecture. This course fulfills the core curriculum lecture requirement in natural science.
Prerequisite: PSCI-130C
Co-Requisite: PSCI-131L
Terms Typically Offered: Spring.

## PSCI-131L General Physics II Lab 1 Credit

Laboratory experiments will demonstrate principles studied during lecture sessions. These experiments demonstrate principles in the areas of electrical current, electrical potential, electrical circuits, magnetic fields, optics, wave motion, and optics. This course fulfills the core curriculum laboratory requirement in the natural sciences. Laboratory three hours. Lab fee.
Prerequisite: PSCI-130CL
Co-Requisite: PSCI-131
Terms Typically Offered: Spring.

## PSCI-215 Fundamentals of Earth Science 4 Credits

Earth science including physical and historical geology, meteorology, and descriptive astronomy; the economic, social, and philosophical aspects of the subject matter. Lab fee. (meets Natural Science/Math requirement). (School for Professional Studies Course).
Terms Typically Offered: Fall.

## PSCI-215C Fundamentals of Earth Science 3 Credits

Earth Science including physical and historical geology, oceanography, and descriptive astronomy; economic, social, and philosophical aspects of the subject matter. A three-day field trip is required. This course is recommended for Liberal Studies majors. Lecture three hours each week. This course fulfills the core curriculum lecture requirement in the natural sciences. Fee for the field trip for those not concurrently enrolled in PSCI 215-CL.
Terms Typically Offered: Fall.

## PSCI-215CL Fundamentals of Earth Science Lab 1 Credit

Classification of rocks, visiting various geological sites, use of topographic and geological maps, oceanographic sampling and techniques, climactic patterns, meteorological measurements, and the use of an astronomical telescope. This course fulfills the core curriculum laboratory requirement in the natural sciences. Lab and field trip fee Co-Requisite: PSCI-215C

## PSCI-216 Fundamentals of Physical Science 4 Credits

This course in physical science presents materials in physics, chemistry, and astronomy that are conceptual in nature with minimal reliance on the quantitative rules of mathematics as a tool for understanding. A strong emphasis is placed on proper use of vocabulary words to understand and explain topics in the fields of mechanics, properties of matter, heat, sound, electricity and magnetism, and light. Classroom demonstrations and videos are used to assist the student in learning the everyday principles of nature. Lab fee. (meets Natural Science/Math requirement)

PSCI-216C Fundamentals of Physical Science 3 Credits
This course in physical science considers topics in physics, chemistry, and astronomy that are conceptual in nature with minimal reliance on the quantitative rules of mathematics as a tool for understanding. A strong emphasis is placed on proper use of vocabulary words to understand and explain topics in the fields of mechanics, properties or matter, heat, sound, electricity and magnetism, and light. This course fulfills the core curriculum lecture requirement in the natural sciences. Lecture three hours per week.
Co-Requisite: PSCI-216CL
Terms Typically Offered: Spring.
PSCI-216CL Fundamentals of Physical Science Lab 1 Credit
An introduction to laboratory practice and procedure in physical science and excercises in mechanics, properties of matter, heat, sound electricity, magnetism, and light. This course fulfills the core curriculum laboratory requirement in the natural sciences. Laboratory Fee.
Co-Requisite: PSCI-216C
Terms Typically Offered: Spring.

## PSCI-223C Mechanics of Solids and Fluids 3 Credits

This calculus-based course is designed for students with majors in the engineering and physical sciences. The course focuses on the mechanics of solid and fluids. Topics include statics, equilibrium of rigid bodies, freebody diagrams, pericle and rigid body kinematics, li near and angular motion, impluse and momentum, static and dynamic friction, elasticity, fluid properties, laminar and turbulent flow and fluid statics.
Prerequisite: MATH-180C
Co-Requisite: PSCI-223CL or PSCI-223CR
Terms Typically Offered: Fall.

## PSCI-223CL Mechanics of Solids and Fluids Lab 1 Credit

Laboratory will include experiments in the areas of statics and dynamics of particles and ridgid bodies in two and three dimensions, static and dynamic friction, linear and angular momentum, fluid properties, laminar and turbulent flow and fluid statics. Laboratory three hours. Lab fee.
Prerequisite: MATH-180C
Co-Requisite: PSCI-223C
Terms Typically Offered: Fall.

## PSCI-225 Electricity and Magnetism 3 Credits

This calculus-based course is designed for students with majors in the engineering and physical sciences. This course focuses on the mathematical and physical description of electrostatics, electric field and potential, electrical fundamentals (charge, current, voltage, resistance, power, energy), DC circuit analysis with Ohm's Law and Kirchhoff's Law, AC circuit analysis with phase diagrams, measuring devices (e.g., voltmeter, ammeter), capacitance, magnetic fields and their effect on moving charges and currents, magnetic fields produced by various current configurations, induced emf, mutual and self-inductance, basic theory of dielectrics, magnetic properties of materials and Maxwell's Equations in integral and differential form.
Prerequisite: PSCI-223C
Co-Requisite: PSCI-225L
Terms Typically Offered: Spring.

PSCI-225L Electricity and Magnetsm Lab 1 Credit
Laboratory will include experiments in the areas of electrostatics, DC and AC circuits, magnetic fields, and electromagnetic induction. Laboratory three hours. Lab fee.
Pre- or Co-Requisite: PSCI-225
Terms Typically Offered: Spring.

## PSCI-227 Waves, Optics and Modern Physics 3 Credits

This course is designed for students with majors in the engineering and physical sciences. Topics covered include geometric and physical optics, waves and the interaction of light and matter, introductory quantum mechanics, solid state physics, nuclear physics and special relativity. Prerequisite: Take PSCI-223, MATH-181;
Co-Requisite: Take PSCI-227L
Terms Typically Offered: Spring, even years.
PSCI-227L Waves, Optics, and Modern Physics Lab 1 Credit
Laboratory will include experiments in the areas of mechanical wave motion, sound, interference, geometrical optics, interference, diffraction and polarization of light, radioactivity and the photoelectric effect. Laboratory three hours. Lab fee.
Pre- or Co-Requisite: Take PSCI-227

## Political Science (POLS)

## POLS-155 U.S. Government 3 Credits

Designed to acquaint the student with the United States political system, including constitutional developments of the United States and of California, and stimulate reflection on the intersection of Christianity and citizenship. This course will meet the Social Science requirement in the Professional Studies Program.

## POLS-155C American Democracy 3 Credits

Designed to acquaint the student with the United States political system, including constitutional developments of the United States and of California, and stimulate reflection on the intersection of Christianity and citizenship. Strongly recommended as a prerequisite for upper-division U.S. Government classes. (formerly titled U.S. Government; see 2019 Academic Catalog)
Terms Typically Offered: Fall and Spring.

## POLS-240 Economics 3 Credits

The course begins with an examination of influential economic philosophies and the debates they have sparked. How do societies encourage economic growth, allocate resources, protect and help the poor, and balance competing economic claims? How do domestic policy choices affect other countries? By studying basic economic principles and case studies that highlight economic challenges around the world, students will learn to see the complexity of economic and political choices.
Terms Typically Offered: On Demand.

## POLS-262 Research Methods in Hist/Poli Science 3 Credits

This course is cross-listed with HIST-262. Writing intensive class which will teach students proper research techniques and the different aspects of History and Political Science scholarship. Class will focus on how to write a major research paper. Strongly recommended before taking upper-division History and Political Science courses. Satisfies ENGL-220C requirement. Students are expected to take HIST-262 or POLS-262, but if ENGL-220C was taken before a History \& Political Science major was declared, it will be an acceptable substitution. Must be passed with a "C" (not a "C-") or better to fulfill the core curriculum requirement. Prerequisite: ENGL-120C
Terms Typically Offered: Fall.

## POLS-303 Classical Political Thought 3 Credits

This course is devoted to classical questions on the relationship between "the city and man," expressed in the ancient texts of Plato, Aristotle, and Augustine. Students will explore the themes of the good life and the best regime, the relationship between justice and corruption, and the role of politics in the pursuit of human happiness. (This course is currently in teach out. See POLS-324.)

## POLS-304 Political Psychology 3 Credits

This course is cross-listed with PSYC-304. This course evaluates theories from the field of Psychology to help us understand how people think and feel about politics. Students will investigate how social, cognitive, emotive, and physiological factors interact to influence political preferences and opinions.
Terms Typically Offered: On Demand.

## POLS-313 American Political Thought 3 Credits

This class is a study of political philosophy from the time of the American founding to the 1960s. Students examine the works of Thomas Jefferson, James Madison, and Abraham Lincoln, as well as the defenders of laissez-faire capitalism, American socialism and nationalism, and the supporters and critics of American democracy in the twentieth century. (This course is currently in teach out. See POLS-324.)

## POLS-323 Christian Political Thought 3 Credits

This class is a study of the complex relationship between church and state, the Kingdom of Heaven as it relates to earthly kingdoms, and what civil law means in light of grace, as understood by major Christian philosophers in church history. Students examine scripture, as well as the writings of Augustine, Thomas Aquinas, Martin Luther, John Calvin, the American Puritans, and contemporary thinkers. (This course is currently in teach out. See POLS-324.)

## POLS-324 Comparative Political Thought 3 Credits

A historical review of Classical, American, Christian, and Modern political thought from Plato to present.
Terms Typically Offered: On Demand.
POLS-330 Race, Identity \& Politics 3 Credits
Examines the impact of race, ethnicity, and identity in American politics and policy; surveys political attitudes, behavior, and experiences of Americans of African, Asian and Latinx descent.
Terms Typically Offered: On Demand.

POLS-331 Immigrants in American Politics 3 Credits
Historical examination of how various institutional attitudes and policies toward immigrants produce different political integration outcomes among African, Asian, European, and Latinx immigrants; evaluation of American democratic institutions' interactions with America's newest arrivals and future citizens.
Terms Typically Offered: On Demand.
POLS-332 Gender \& Politics 3 Credits
Examines the relationship between gender and political participation and representation; explores inequalities and how gender hierarchy is produced and reproduced through socio-cultural, economic, and political practices and structures.
Terms Typically Offered: On Demand.

## POLS-333 Modern Political Thought 3 Credits

This class is a study of the origins of the state, human rights, personal liberty, and the idea of progress. Students examine primary texts in political philosophy, including Thomas Hobbes, John Locke, Edmund Burke, and John Stuart Mill, in order to become familiar with the development of modernity and how it shapes our own outlook on politics, morality and faith. (This course is currently in teach out. See POLS-324.)

## POLS-334 Latinx Politics 3 Credits

Explores historical and contemporary pursuit of integration of Latinx Americans into the political system; examines issues of representation, citizenship and belonging, political attitudes, electoral behavior, and policy preferences.
Terms Typically Offered: On Demand.

## POLS-345 U.S. Foreign Policy 3 Credits

Principles, practice, and ethical issues of United States foreign policymaking. Particular emphasis on the policymaking process. Terms Typically Offered: On Demand.

## POLS-360 American Politics and Elections 3 Credits

This course is devoted to the institutions, practices, and history of how Americans choose their presidents and other representatives. Students examine voting behavior, the nomination process, and the cultural, social, and economic impact of campaigns, as well as controversies surrounding campaign finance, polling, and the media. Offered fall in even-numbered years, with focus more on the presidential races in presidential election years. (This course is currently in teach out. See POLS-361.)

## POLS-361 Political Parties, Campaigns \& Elections 3 Credits

Organizations and function of political parties, nominations, elections, tactics of campaigning and campaign finance; explores mass political attitudes and behavior of American electorate. (course formerly POLS-360 American Politics and Elections; see 2019 Academic Catalog) Terms Typically Offered: On Demand.

## POLS-370 Constitutional Law 3 Credits

This course is devoted to the U.S. Supreme Court. We will examine the Court as an institution, its historical development, and the way it works today. We will meet particular justices throughout the Court's history, and examine their roles and judicial philosophies. The class will then study the Court's most important rulings, and consider how they shaped the power of the federal government, its relationship with the states, as well as its protection of civil rights and liberties, and the shape of our national life.
Prerequisite: Take ENGL-220C HIST-262 or POLS-262;
Terms Typically Offered: On Demand.

## POLS-438 Comparative Politics 3 Credits

Comparative politics is the study of political systems around the world. Students will examine the theoretical background of various regime types, the history of modern nation-states, and survey a variety of existing political systems. Students will consider the difference between autocracy and democracy, the causes of poverty and development, and the consequences of the way power is distributed and checked within any society.
Terms Typically Offered: On Demand.

## POLS-446 Public Policy Issues 3 Credits

A conclusion to the institutions classes (Congress, the Presidency and Constitutional Law), this course is a study of major laws and their effect on society, with particular attention devoted to immigration, poverty, education and healthcare. Throughout, students will consider the costbenefit analysis, public administration, policy assessment, and the various views about concepts of the public good.
Terms Typically Offered: On Demand.

## POLS-450 Political Science Teaching Internship 1-3 Credits

Regular hours each week for classes and/or meetings are established at the beginning of the semester. The intern assists an instructor in planning and conducting a course and/or laboratory session. Maximum of three units. (Maximum six units for HIST-450, POLS-450, HIST-454, POLS-454, HIST-457, and POLS-457.)
Terms Typically Offered: Fall and Spring.

## POLS-454 History/Political Science Internship 1-3 Credits

Internship with Vanguard University, local museum, archives, government office, or political campaign. Maximum of three units. (Maximum six units for HIST-450, POLS-450, HIST-454, POLS-454, HIST-457, and POLS-457.) Terms Typically Offered: Fall and Spring.

## POLS-456 U.S. Congress and Representation 3 Credits

Exploration of theoretical concept of representation; motivations and behavior of Members of Congress; impact of money and interest groups on legislative bills and campaigning. (course formerly titled United States Congress; 2019 Academic Catalog)
Terms Typically Offered: On Demand.

## POLS-457 Research Assistantship 1-3 Credits

Advanced work in research in Political Science in an on-going project with the cooperation and supervision of a faculty member. Students will meet with instructor weekly to discuss findings and progress. Maximum three units. (Maximum six units for HIST-450, POLS-450, HIST-454, POLS-454, HIST-457, and POLS-457.)
Terms Typically Offered: On Demand.
POLS-469 Special Topic: U.S.: 1-3 Credits
Experimental or occasional courses not offered on a regular basis. May be repeated for credit.
Terms Typically Offered: On Demand.

## POLS-470 Special Topic: Non-U.S.: 1-3 Credits

Experimental or occasional courses not offered on a regular basis. May be repeated for credit.
Terms Typically Offered: On Demand.

POLS-472 U.S. Presidents and the Presidency 3 Credits
Historical development and operation of the Presidency as an institution, examines sources of presidential power, recent leadership styles and decision-making within the presidency. (course formerly titled United States Presidency; see 2019 Academic Catalog)
Terms Typically Offered: On Demand.

## POLS-480 Individual Studies: 1-3 Credits

May be repeated for credit. Cosent of the instructor and the department chair is required.
Terms Typically Offered: On Demand.
POLS-482 International Politics 3 Credits
Examination of the concepts and principles of the international political system.
Terms Typically Offered: On Demand.

## Psychology (PSYC)

## PSYC-103 Introduction to Psychology 3 Credits

Prerequisite to all other psychology courses. This course explores the fundamental issues of psychology, including research in psychology, biological influences on development and behavior, learning and memory, motivation, personality, psychological disorders, psychological interventions, and social behavior. Meets Social Science requirement. (School for Professional Studies Course).
Terms Typically Offered: Fall and Summer.

## PSYC-103C Introduction to Psychology 3 Credits

Prerequisite to all other psychology courses. This course explores the fundamental issues of psychology, including research in psychology, biological influences on development and behavior, learning and memory, motivation, personality, psychological disorders, psychological interventions, and social behavior.
Terms Typically Offered: Fall and Spring.

## PSYC-220C Researched Writing/Psyc Majors 3 Credits

This course focuses on the process of writing in APA style. Students will be taught how to read and comprehend research in psychology and to write research papers from a place of understanding the context, process, and audience for research writing. This course also serves as an introduction to the major, informing students of scholastic expectations and of opportunities within their undergraduate experience. Additionally, students will be guided in thinking about and moving toward future educational and career pursuits. Must be passed with a "C" (not "C-") or better to fulfill the core curriculum requirement. Prerequisite for Research Methods. Satisfies ENGL-220C core requirement.
Prerequisite: PSYC-103C, ENGL-120C
Terms Typically Offered: Fall and Spring.

## PSYC-221 Developmental Psychology 3 Credits

An exploration of human development through the biological behavioral, cognitive, sociocultural, and spiritual perspectives in a lifespan approach (from conception through death). This course is recommended early in the major and is a prerequisite for other psychology courses.
Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.

PSYC-265C Introduction to Behavioral Statistics 3 Credits
A course in basic statistical concepts and methods of collecting, summarizing, presenting, and interpreting data in the behavioral sciences; including descriptive statistics (use of graphs and charts), normal distribution curve, measures of central tendency, deviation and dispersion, hypothesis testing, statistical fallacies, correlation, and topics in probability. Students majoring in Psychology, Sociology or History/ Political Science must take PSYC-265C or SOC-265C to fulfill the core curriculum requirement in mathematics and the major requirement. Terms Typically Offered: Fall and Spring.

## PSYC-304 Political Psychology 3 Credits

This course evaluates theories from the field of psychology to help us understand how people think and feel about politics. Students will investigate how social, cognitive, emotive, and physiological factors interact to influence political preferences and opinions.
Terms Typically Offered: Fall.

## PSYC-312 Death, Grief, and Loss 3 Credits

This course is cross listed with SOC-312. This course provides a comprehensive introduction to the study of death and dying. This course will discuss the intellectual, emotional, social, psychological, experiential, and spiritual aspects of death and loss as part of one's personal discover. Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## PSYC-321 Adolescent Psychology 3 Credits

A study of the period of life from puberty to the emergence from the teens, emphasizing the physical, mental, emotional, social, spiritual, and personality development of the individual. Diversity issues are considered.
Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.

## PSYC-323 Positive Psychology 3 Credits

Positive Psychology is the scientific study of the factors that make one's life fulfilling. The course explores such concepts as happiness, meaning, flow, values, strengths, and virtues as they relate to an individual's ability to thrive, in turn affecting the health and well-being of family and society. Topics will be presented and evaluated in the context of Christian faith.
Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.

## PSYC-324 Social Psychology 3 Credits

This course is cross listed with SOC-324. An examination of interpersonal behavior as it is influenced by social processes, culture, face-to-face interactions, and personality characteristics; including interpersonal and group behavior in relationship to social values, norms, attitudes, roles, and social needs.
Prerequisite: PSYC-103C or SOC-100C
Terms Typically Offered: Fall and Spring.
PSYC-331 Multi-Cultural Psychology 3 Credits
Exposes students to the psychological literature relevant to becoming more culturally sensitive to diverse ethnic populations and other forms of diversity. It addresses the unique changes required to the traditional psychological counseling theories and counseling practices that are associated with helping individuals from diverse backgrounds. The course is applicable to students who intend to work with, minister to, or do clinical counseling with people of diverse ethnic and cultural backgrounds. Lab fee.
Prerequisite: PSYC-103C

PSYC-332 Psychological Disorders 3 Credits
A study of psychological disorders using a biopsychosocial perspective. Course includes description, patterns of development, assessment, and treatment methods.
Prerequisite: PSYC-103C, PSYC-221
Terms Typically Offered: Fall and Spring.

## PSYC-335 Social \& Psychological Aspects of Aging 3 Credits

An interdisciplinary and cross-cultural perspective on human aging. The physiology of aging and its psychological ramifications are explored, as is the sociology and spirituality of the older adult in contemporary society. Prerequisite: PSYC-103C or SOC-100C
Terms Typically Offered: Fall and Spring.

## PSYC-336 Managing Crisis 3 Credits

This course is cross listed with SOC-336. This course examines the phenomena of social crises and emergencies. It will examine Crisis Theory, response, coping skills and intervention methods. Implications for gender, race, social class, and diverse backgrounds will be explored in light of how those differences influence differing needs, norms, and ways of coping.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: Fall and Spring.

## PSYC-338 Child Psychology 3 Credits

A study of the period of life from early childhood until puberty from a developmental psychopathology perspective. The course provides an overview of psychological disorders of childhood and an introduction to their clinical treatment.
Prerequisite: PSYC-103C, PSYC-221, PSYC-332
Terms Typically Offered: Fall.

## PSYC-340 Biological Psychology 3 Credits

This course is an introduction to the concepts of biological psychology. Beginning with a basic understanding of brain structures, students will gain an understanding of how brain structure relates to brain function and to behavior. Topics covered include brain structure, neuronal communication, drugs and hormonal influences on the brain, visual sensation and perception, sleep and waking states, sexual behavior, brain lateralization, language, and psychological disorders.
Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.

## PSYC-344 Family Violence 3 Credits

This course is cross listed with SOC-345. Investigates the identification, causes, and prevention of all types of intrafamily abuse: child, spouse, sibling, and parent. Explores theories and research findings for practical application. Studies the sociocultural contexts in which abuse and violence occur. For students whose careers will bring contact with victims and/or perpetrators of family violence.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C

## PSYC-345 Theories of Personality 3 Credits

A review and critical evaluation of the major personality theories and their supporting evidence.
Prerequisite: PSYC-103C, PSYC-221
Terms Typically Offered: Fall and Spring.

PSYC-346 Human Sexuality 3 Credits
This course is cross listed with ANTH-346 and SOC-346. Human Sexuality provides an overview of human sexual anatomy, gender identify, sexual orientation and expression, and the ways that contexts affect sexual meanings. Must have junior or senior class standing.
Prerequisite: ANTH-102C PSYC-103C or SOC-100C; must be Junior or Senior standing.
Terms Typically Offered: On Demand.

## PSYC-351 Principles of Behavior 4 Credits

This course introduces students to the principles of classical and operant conditioning that can be applied to clinical, counseling, child, sports, and organizational psychology. Examination of these principles and their role in substance abuse, behavioral addictions, autism, phobias, sexual behavior, developmental disabilities, behavioral medicine, animal training, and everyday life will be included. Students will participate in hands-on exercises with rodents to illustrate operant conditioning principles of behavior. Must be Junior or Senior standing. Lab fee.
Prerequisite: PSYC-103C and Junior or Senior Standing
Terms Typically Offered: Spring.

## PSYC-354 Disability Studies 3 Credits

This is a survey course of disability studies from an interdisciplinary approach. The course will investigate, critique, and enhance society's perception and understandings of disability both locally and globally. This course explores the concept of disability in health, education, legal systems, community, media, and diverstiy. This course will apply the core concepts of disability theory to analyze issues in history, policy, culture, and human rights. Students will participate in various assignments that will allow them to reflect and integrate key concepts from this course into their own disciplines.
Prerequisite: PSYC-103C
Terms Typically Offered: Spring.

## PSYC-355 Survey of Human Services 3 Credits

Survey of Human Services explores the ways in which care is provided for the whole individual, surveying community resources and developing an understanding of the ways in which human services are carried out in various settings. Ethical issues and the significance of a Christian worldview in human services are also examined.
Prerequisite: PSYC-103C or SOC-100C
Terms Typically Offered: Fall.

## PSYC-373 Psychology of the Family 3 Credits

Psychology of the Family explores the institution of the family from a multigenerational developmental perspective. Psychological, sociocultural, and spiritual perspectives are also explored. Students will be introduced to family systems theory as a method of understanding family dynamics and to theoretical orientations of family therapy.
Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.

PSYC-374 Intro to Industrial/Organizational Psyc Organizational Psychology 3 Credits
Psychology of Work examines the role of psychology in enhancing well-being and productivity of working individuals and performance of organizations that employ them. Issues concerning both individual and group functioning are discussed: employee selection, matching jobs and individuals, training, performance evaluation, productive and counterproductive behavior in organizations, stress, leadership and organizational development. Furthermore, all of these issues are considered in the context of multilevel cultural influences, from organizational cultures to demands due to globalization.
Prerequisite: PSYC-103C
Terms Typically Offered: Spring.

## PSYC-381 Research Methods in Psychology 4 Credits

An introduction to qualitative and quantitative research methods in psychology, including experimental, quasi-experimental, and correlation approaches. Students will learn to think critically about research, assessing threats to internal and external validity. Students will consider ethical issues in research and will learn to design and conduct research, including searching the literature, using SPSS to analyze data, and writing formal research reports using APA style.
Prerequisite: PSYC-103C, PSYC-220C or ENGL-220C; PSYC-265C,

## MATH-265C orSOC-265C

Terms Typically Offered: Fall and Spring.

## PSYC-382 Mental Illness in Society 3 Credits

This course examines the distribution of mental illness throughout society, the social conditions of processes that contribute to mental illness and mental health, and the individual experience of being labeled and treated as mentally ill.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C

## PSYC-383 Addiction Studies 3 Credits

This course will examine the psychological, social, and biological aspects of illicit drug use, alcoholism, compulsive gambling, over eating, and other addictions. The course will also explore drug prevention and treatment from the perspective of the Christian faith.
Prerequisite: PSYC-103C and PSYC-340
Terms Typically Offered: Spring.
PSYC-384 Next Steps: Career and Grad Readiness 1 Credit
This course covers the scope and value of the psychology major.
Students will learn about the application of psychology to various disciplines within the social sciences and professional schools in order to consider future career options. Finally, students will focus on personal professional development including preparation for graduate work, career choices at varying degree levels, and essential skills necessary to make the transition to graduate school. This course will also coordinate and enhance the existing psychology undergraduate advisement efforts. Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.

## PSYC-385 Field Research Lab/Seminar 3 Credits

This course provides students an opportunity to gain experience in an on-going research experiment with a faculty member. Students will be exposed to contemporary research problems in an area of psychology and the application of research concepts. This course may meet offcampus during the semester. Class may be repeated one time for credit. Prerequisite: Take PSYC-103C and PSYC-221 or EDUC-326
Terms Typically Offered: Fall and Spring.

## PSYC-420 Behavior Modification 3 Credits

An examination of the applications of cognitive and learning theories to a broad range of problems and settings, including child rearing, education, psychotherapy, and industrial settings. Integration of theological aspects of therapy is also addressed.
Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.
PSYC-434 Group Dynamics 3 Credits
Group Dynamics explores the various stages of groups, including pregroup assessment and screening of group members, group development, the initial stage, the transition stage, the working stage, and the final stage of groups. Students will be introduced to different types of groups. Ethical and multicultural issues as they apply to groups are examined. This course incorporates experiential learning processes where students learn about group processes through participation in an ongoing class experiential group. Each student will attend one group meeting of an ongoing secular group in the community and one group meeting of an ongoing Christian group in the community. Students taking this class are asked to be committed to group participation.
Prerequisite: PSYC-103C
Terms Typically Offered: On Demand.

## PSYC-443 Sport Psychology 3 Credits

This course is designed to introduce students to the psychological aspects of sport and physical activity. From the sport perspective, emphasis will be placed on mental preparation of teams and individuals for competition. From the exercise perspective, group dynamics, motivation and exercise adherence will be covered.
Prerequisite: PSYC-103C
Terms Typically Offered: On Demand.

## PSYC-449 Cognitive Psychology 3 Credits

Addresses the study of human cognitive processes including perception, memory, problem solving, thinking, and hemispheric specialization. Cognitive aspects of psychological and learning disorders are also addressed.
Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.
PSYC-450 Psychology Teaching Internship 1-4 Credits
Regular hours each week for classes and/or meetings are established at the beginning of the semester. Psychology Teaching Internship provides the student with the opportunity to assist an instructor in planning and conducting a course and/or laboratory sessions. The course may be repeated for a maximum of eight units. Three (3) units of PSYC 450 may be applied to the Psychology electives requirement with the balance of the units applied toward general elective units.
Terms Typically Offered: On Demand.

## PSYC-460 Field Practicum 1-4 Credits

Field experience in a social service agency such as an outpatient health facility, a community organization, or a social program. The course can be taken from 1-4 units and may be repeated for credit. Thirty hours of field experience will be required for each credit hour. This course is controlled by the instructor and all field sites must be approved by the professor.
The course instructor and the university manage the course requirements and responsibilities, which may include: a research paper, weekly journals, and various written assignments. The course requires weekly interaction between professor and student, as well as training and preparation that are comparable with other courses within the major. May be repeated for credit.
Prerequisite: PSYC-103C, PSYC-221 and PSYC-332
Terms Typically Offered: Fall and Spring.

## PSYC-462 Counseling Theories 3 Credits

An examination of the personhood of the counselor, the major theoretical counseling models, and the dynamics of effective behavioral change. The integration of biblical principles in counseling theories is introduced.
Prerequisite: PSYC-103C, PSYC-221 and PSYC-332
Terms Typically Offered: Fall.

## PSYC-463 Counseling Methods 3 Credits

The Counseling Methods course is an introduction to basic skills used in the helping professions including interviewing, listening skills, and basic therapeutic techniques as applied to adults, children, and families. The course also covers the personal life of the counselor and the process of professional development. In addition, students will be introduced to a range of special topics which may include, but are not limited to, grief, trauma, positive psychology and art therapy.
Prerequisite: PSYC-103C, PSYC-221 and PSYC-332
Terms Typically Offered: Spring.

## PSYC-470 Special Topic: 3 Credits

An upper division study of a special topic in psychology. May be repeated for credit.
Prerequisite: PSYC-103C
Terms Typically Offered: Fall and Spring.

## PSYC-474 Psychological Research I 4 Credits

An examination of problems in advanced research and assessment, with an emphasis on research techniques. Research is carried out under the supervision of the instructor with weekly conferences to discuss results and direction.
Prerequisite: PSYC-381
Terms Typically Offered: Fall.

## PSYC-475 Psychological Research II 4 Credits

Psychological research and assessment conducted in PSYC-474 will culminate in a written paper. The APA-formatted paper will include literature review, methodology, results, and discussion. The research paper or poster will be submitted for presentation at either an undergraduate or professional conference.
Terms Typically Offered: Spring.

PSYC-477C Psychology and Christianity 3 Credits
An examination of human nature from the perspectives of psychology and Christian belief. Among the topics covered are the relationship between mind, body, and soul; the nature of human freedom; Christian prayer; conversion; and the relationships between people's attitudes and their behavior. This course fulfills the Core Curriculum Capstone requirement for Psychology majors.
Terms Typically Offered: Fall and Spring.
PSYC-480 Individual Studies: 1-3 Credits
This course is open to qualified upper division students who wish to engage in an individually tailored program of study. May be repeated for credit.
Prerequisite: PSYC-103C
Terms Typically Offered: On Demand.

## PSYC-482 Research in Neuroscience 4 Credits

This course provides students with an empirically-based research experience in the area of behavioral neuroscience. Students will be using an animal model of addiction and/or PTSD to study the neural mechanisms behind learning and memory. Students will gain a basic understanding of proper research methodology, memory consolidation, reconsolidation, conditioned place preference paradigm, brain anatomy, and pharmacology. Students will have hands-on experience learning various techniques, including stereotaxic surgery, animal handling and injection, behavioral analysis, and proper documentation. It is expected that a research report and an oral presentation of the results will be given at the conclusion of the course. Students must be declared Psychology Major with Junior or Senior standing. Lab fee.
Prerequisite: PSYC-340, Declared Psychology Major with Junior or Seniorstanding.
Terms Typically Offered: Fall.

## PSYC-483 Research Assistant 1-4 Credits

The undergraduate research assistantship engages students in original research projects of the faculty or student's own design. Its aim is to apply those skills learned in prior research design and methodology coursework and/or expand on these as appropriate to the student's skill set. A research agenda will be developed with each student, which then becomes the guide for the class. Course may be repeated for credit. Terms Typically Offered: On Demand.

## PSYC-485 Experimental Psychological Research 1-4 Credits

This course provides the student with an empirically-based research experience in psychology. Emphasis will be placed on experimental design and development, animal handling, instrumentation, behavioral and statistical analysis, and research documentation skills. It is expected that a research report be completed at the conclusion of the research project along with an oral presentation of results.
Prerequisite: PSYC-340, PSYC-381
Terms Typically Offered: On Demand.

## Psychology-Clinical-Graduate (PSYG)

## PSYG-590 Seminar: 1-3 Credits

Study of a special topic in psychology. May be repeated for credit. Terms Typically Offered: Spring.

## PSYG-601 Clinical Foundations I 3 Credits

Clinical and theoretical foundations of the field of clinical psychology are presented with an emphasis on Client-Centered therapy and the development of beginning level skills. Course includes supervised experience which will be used in assessing eligibility for trainee status. Terms Typically Offered: Fall.

## PSYG-603 Advanced Psychopathology 3 Credits

Socio-cultural, spiritual, emotional, and behavioral deviations of human behavior in adults are explored. Child and adolescent psychopathology is introduced. Course emphasizes the DSM, etiology, differential diagnostic skills, evidence based treatment and an understanding of cultural differences in the expression and assessment of pathology.
Terms Typically Offered: Fall.

## PSYG-604 Ethical and Legal Issues 3 Credits

Exploration of the legal and ethical issues pertinent to the field of psychology. The roles and responsibilities of the practitioner are evaluated emphasizing the application of ethical standards to clinical work in varied settings.
Terms Typically Offered: Fall.

## PSYG-605 Family Psychotherapy 3 Credits

Examination of the intervention techniques, evidence based practices, and major theories of Marriage and Family Therapy. Application of each theory is evaluated for cultural appropriateness, legal and ethical considerations, working with the severely mentally ill and their families, and use within community mental health services.
Terms Typically Offered: Spring.

## PSYG-611 Clinical Foundations II 1-3 Credits

This class offers continued training of basic clinical skills with an emphasis on facilitating the capacity for empathic listening, reflection, and skills necessary for building, monitoring, and maintaining a therapeutic alliance. Concurrent practicum placement is required. Prerequisite: PSYG-601
Terms Typically Offered: Spring.

## PSYG-613 Research Methodology 1 Credit

Overview of behavioral science statistics focusing on how to conduct research, to be an educated consumer of research and to apply research findings to clinical practice.
Terms Typically Offered: Fall, Spring, and Summer.
PSYG-614 Advanced Developmental Psychology 3 Credits
An in-depth exploration of human development through the neurobiological, behavioral, socio-cultural, cognitive, and spiritual perspectives with an emphasis on attachment and clinical application. Terms Typically Offered: Fall.

## PSYG-615 Child and Adolescent Psychotherapy 3 Credits

The clinical application of theory, assessment and treatment for children and adolescents is examined. Legal and ethical concerns, therapeutic interventions, diversity, socio-economic factors and development are addressed.
Terms Typically Offered: Spring.

PSYG-616 Psychodynamic Theory and Treatment 3 Credits
A study of the theories and processes of therapy based on the psychodynamic modality. Emphasis is placed on understanding a client's internal dynamics. Application is made in relation to theoretical and DSM diagnoses, assessment and treatment of individuals as well as an understanding how this approach can be utilized in multiple settings and with multiple populations.
Prerequisite: PSYG-603, PSYG-604
Terms Typically Offered: Spring.

## PSYG-617 Cognitive-Behavioral Theory \& Treatment 3 Credits

A study of the theories and processes of therapy based on the cognitivebehavioral modality. Focus is placed on how belief systems interface with behavior and emotion. Application is made in relation to theoretical diagnosis, assessment and treatment of individuals, particularly with anxiety based or related conditions.
Prerequisite: PSYG-603, PSYG-604
Terms Typically Offered: Fall.

## PSYG-618 Current Psychotherapy Topics 1 Credit

Study of a current topic within the field of psychotherapy. May be repeated for credit.
Terms Typically Offered: Fall, Spring, and Summer.
PSYG-620 Clinical and Professional Development 1-3 Credits
This class offers additional training of clinical skills, psychopathology, diagnoses, legal and ethical issues, report writing, treatment planning, and case conceptualization.
Prerequisite: PSYG-626
Terms Typically Offered: Fall, Spring, and Summer.

## PSYG-626 Professional Skills in Clinical Practice 3 Credits

Documentation, case report writing, and treatment planning are taught while students are concurrently placed in a field practicum. Students learn how to create professional documents for community mental health settings, legal systems and private practice while developing their clinical skills.
Prerequisite: PSYG-601, PSYG-603, PSYG-604 and an additional three units from any course(s) in the Graduate Program in Clinical Psychology. Terms Typically Offered: Spring.

## PSYG-650 Teaching Assistantship 1-4 Credits

Open to students with the approval of the instructor and director. Regular hours each week for classes and/or meetings are established at the beginning of the semester. The student assists an instructor in planning and conducting a course. These credits do not count toward degree requirements.
Terms Typically Offered: Fall.

## PSYG-655 Research Assistantship 1-4 Credits

Open to students with the approval of the instructor and director. Regular hours each week for classes and/or meetings are established at the beginning of the semester. The student carries out supervised research activities. These credits do not count toward degree requirements. Terms Typically Offered: Fall.

## PSYG-660 Career Development 3 Credits

A study of current theories and processes regarding career development including decision-making models; interrelationships between work, family and other factors; and multicultural considerations in career development. Application is made to clinical practice; how to assess interest and ability; and how to access occupational, educational, and professional resources.
Terms Typically Offered: Summer.

## PSYG-670 Special Topic: 1-3 Credits

Study of a special topic in psychology. May be repeated for credit. Prerequisite: Permission of Instructor
Terms Typically Offered: Summer.

## PSYG-680 Independent Studies: 1-3 Credits

A study of a subject not addressed by a regular course that is initiated by the student through a written prospectus of the proposed study and the securing of an appropriate sponsoring faculty member to supervise and evaluate the study.
Terms Typically Offered: Fall, Spring, and Summer.

## PSYG-704 Addictive Behaviors 3 Credits

Current theoretical and clinical approaches regarding the etiology, diagnosis, treatment, and prevention of the spectrum of addictive behaviors are taught, with an emphasis on alcohol and substance abuse. Terms Typically Offered: Spring.

## PSYG-710 Psychotherapy and Diversity 3 Credits

Class focuses on developing the student's sensitivity, increased selfawareness, understanding and respect for the diversity of human beings and examines how issues of diversity are related to the therapeutic process. Emphasis is placed on enhancing cultural competency. Terms Typically Offered: Summer.

## PSYG-711 Violence, Abuse, and Trauma 2-3 Credits

Theoretical, legal and ethical understanding of abuse, trauma and crisis is explored by examining prevention, intervention, assessment, treatment and clinical application. Child Abuse, Domestic Violence and Family Violence are emphasized.
Terms Typically Offered: Summer.

## PSYG-712 Psychology, Theology and Spirituality 3 Credits

Explores the integration of psychology, theology, and spiritual formation and how it affects the mental health of the client. Consideration given to the role of the therapist and the therapeutic relationship with an emphasis on the Christian faith.
Terms Typically Offered: Fall.

## PSYG-716 Couples Psychotherapy 3 Credits

Theories of couple therapy are examined, including evidence based practices, emotionally focused therapy, systems theory, couple assessment, and therapeutic interventions.
Terms Typically Offered: Fall.

## PSYG-717 Group Psychotherapy 3 Credits

A study of the theories and processes of therapy based on the group modality. Focus is placed on the concepts of the primary therapeutic factors, stages, interventions, critical incidents and diversity. Application is made to group dynamics and development of clinical skills.
Terms Typically Offered: Spring.

PSYG-720 Clinical Psychopharmacology 2-3 Credits
Overview of current research and use of psychotropic medications for the spectrum of disorders as described in the DSM are presented. Ethical, legal, and scope of practice issues are included.
Prerequisite: PSYG-603
Terms Typically Offered: Summer.
PSYG-724 Psychosocial Stressors and Ment Health 3 Credits
Examination of the unique theoretical and clinical components related to working with minors, the elderly, and issues related to pregnancy, death and dying. Students are trained to work within the public mental health system and with the severely mentally ill. Placement within the legal system, housing and healthcare alternatives will be explored.
Prerequisite: PSYG-603, PSYG-604
Terms Typically Offered: Spring.
PSYG-725 Psychological Testing 3 Credits
Basic testing skills are developed and psychometric theory is
emphasized. Students are trained in the administration, scoring,
interpretation and application of resulting data. Culturally appropriate use of assessment tools is included.
Prerequisite: PSYG-626 recommended
Terms Typically Offered: Fall.
PSYG-726 Case Conceptualization 1.5 Credits
In-depth processing of clinical casework with emphasis on case conceptualization, etiology, diagnosing both theoretically and according to the DSM, treatment planning and prognosis. Case management and use of supervision are discussed with emphasis on appropriate referrals. Concurrent field placement is required for this course.
Prerequisite: PSYG-626
Terms Typically Offered: Fall and Spring.

## PSYG-727 Practicum 0.5-1 Credits

Practicum placement management and oversight. Concurrent field placement is required for this course. Permission of program required. Prerequisite: PSYG-626
Terms Typically Offered: Fall, Spring, and Summer.

## PSYG-730 Applied Meth/Analysis/Research 1-3 Credits

This class applies knowledge of research design and statistics to psychosocial research. Actual research will be designed and carried out. These credits do not count toward degree requirements.
Terms Typically Offered: Fall.

## PSYG-765 Comprehensive Project 3 Credits

This comprehensive class assists the student in the synthesis of knowledge gained over the span of the graduate program for the purpose of furthering professional identity and competency. This class is completed during the final semester of coursework or with the permission of program or professor. Exit Project is completed and field placement is required concurrently with this course. Pre-requisite: Final semester or by permission of program.
Terms Typically Offered: Spring.

PSYG-799 Continuing Registration 1 Credit
May be required for each semester in which the student is not enrolled in any program coursework. May be required until all graduation requirements have been met. Credit does not count toward Master's degree requirements. PSYG-799 will carry a grade of "CE" (continuing enrollment) until all course requirements are met, at which time the grade will be changed to "CR" (credit).
Terms Typically Offered: Fall, Spring, and Summer.

## Psychology-Organizational-Grad (PSOG)

PSOG-505 Intro to Psychology and Behavior in Org In Organizations 3

## Credits

Provides graduate level systematic overview of science and theory of psychology as relevant to workplace applications, core principles and subfields of organizational psychology, and the role of personal values and worldview in science and practice of organizational psychology. Terms Typically Offered: Fall and Spring.

## PSOG-510 Learning/Talent Development 3 Credits

An optional course which allows students to build a unique professional niche within Organizational Psychology. That goal shall be accomplished through focused reading and reflection and submission of professional portfolio to consist of documents demonstrating a proficiency in selected areas of specializiation (personal professional philosphy, articles, conference presentations, and other documents reflecting professional competencies as relevant to specialization).
PSOG-515 Applied Research and Critical Analysis 3 Credits
Focuses on development of students as competent consumers of information and foundational skills in conducting organizational inquiry to inform decision-making. Specific competencies include graduate-level skills in identifying, reading and summarizing quality research sources. Terms Typically Offered: Fall and Spring.

## PSOG-535 Statistics for Organizational Decision- Making 3 Credits

Focuses on the interpretation of descriptive and inferential statistics, reliability and validity of instruments, theoretical and methodological foundations of criterion development, and core considerations in development and interpretation of organizational surveys and in selecting research vendors and products.
Terms Typically Offered: Spring and Summer.

## PSOG-545 Advanced Social Psychology 3 Credits

Examines the effect of social influences upon the development of personality and behavior patterns. Topics include socialization, attitude formation and change, communication, propaganda, roles and stereotypes, leadership and collective behavior.
Terms Typically Offered: Fall and Summer.

## PSOG-555 Managing Human Resources 3 Credits

Examines the fundamentals of human resource management, including job assessment and analysis, strategic workforce planning, recruiting and onboarding, supervision and termination practices. Consideration will be given to current issues and employment law.
Terms Typically Offered: Fall and Summer.

PSOG-605 Organizational Ethics and Justice 3 Credits
Provides a thought provoking study of the ethical theories involved in evaluating issues and decision making. To accomplish this, the course focuses on contemporary ethical issues relevant to leadership from a Christian foundation. The goal is to learn how to integrate ethical models with contemporary concerns of leadership.
Terms Typically Offered: Fall and Spring.
PSOG-615 Talent Management and People Analytics 3 Credits Applies motivation and attitude theories. Examines current topics in performance appraisal, including criterion development, rater training, appraisal effectiveness and feedback processes. A larger picture of performance management, attitudes, engagement and individual and organizational success is discussed in the context of current research and best practices.
Terms Typically Offered: Fall and Spring.

## PSOG-616 Talent Management and People Analytics 3 Credits

Examines current topics in selection, placement, performance appraisal and succession planning, including indivdiual and group assessment, criterion development, performance management effectiveness, rater training, and feedback processes. A big picture of human capital, measurement, performance management, attitudes, engagement and indvidual and organizaitonal success is discussed in the context of current research and best practices, as well as performance, motivation and attitude theories.

## PSOG-625 Psychology of Leadership and Motivation 3 Credits

Reviews theories and research on motivation, specifying both the intrinsic and extrinsic determinants of worker motivation. The leadership process and its relation to motivation, group performance, workplace attitudes and climate are also analyzed.
Terms Typically Offered: Spring and Summer.

## PSOG-635 Diversity and the Organization 1.5 Credits

Addresses the processes involved in creating and maintaining a knowledgeable environment that equips all organizational participants to attain their full potential in pursuit of the enterprise's objectives. It is an approach that recognizes that organizations are made up of unique and valuable individuals that carry out particular functions. As members of organizations, each contributes diversity to the success of the organizational diversity.
Terms Typically Offered: Spring and Summer.
PSOG-650 Exit Option: Master's Thesis 3 Credits
Allows students to demonstrate empirical competencies, as well as build a unique professional niche within Organizational Psychology. Suggested topics/areas of focus include Performance Evaluation, Motivation,
Training and Development in Organizations, Intercultural Relations, Stress \& Health, or other relevant topics reflective of Society for Industrial/ Organizational Psychology (SIOP) competencies. Master's thesis will add generalizable knowledge to the field.
Terms Typically Offered: Fall and Summer.

## PSOG-652 Exit Option: Applied Project 3 Credits

Allows students to demonstrate professional competencies, as well as build a unique professional niche within Organizational Psychology. Suggested topics/areas of focus include Performance Evaluation, Motivation, Training and Development in Organizations, Intercultural Relations, Stress \& Health, or other relevant topics reflective of Society for Industrial/Organizational Psychology (SIOP) competencies. Applied Projects demonstrates substantial contribution to the practice of Organizational Psychology. Appropriate formats include internal or external consulting projects, development of training curricula, needs analysis or effectiveness evaluation studies, delivery and evaluation of organizational training, and other work products documenting professional competencies.
Terms Typically Offered: Fall and Summer.
PSOG-655 Organizational Systems, Development and Change 3 Credits Examines the organization systematically to see how the whole is functioning, with the focus on how internal and external dynamics influence organizational productivity and health. Examines theories and research on change and organizational development within the context of the I-O specialist role as both change-agent and consultant. Topics include types of change, individual, group and organizational interventions, conflict management, team development, group decision making, and culture. This course also serves as a capstone/culminating experience of the MSOP program.
Terms Typically Offered: Fall and Summer.

## PSOG-656 Organizational Consulting 2 Credits

An optional course which allows students to build a unique professional niche within Organizational Psychology. That goal shall be accomplished through focused reading and reflection and submission of professional portfolio to consist of documents demonstrating a proficiency in selected areas of specialization (personal professional philosophy, articles, conference presentations, and other documents reflecting professional competencies as relevant to specialization).
Terms Typically Offered: Fall and Spring.

## PSOG-675 Psychomet, Valid, \& Asses. in Work PI 3 Credits

In this course students examine concepts of psychological measurement with emphasis on ensuring validity and reliability of instruments used in employment contexts (e.g., selection and organizational evaluation). The course explores reliability, validity, and technics for evaluating and ensuring quality of measures that assess individual-level abilities and skills, as well as organizational characteristics (e.g., organizational climates).
Terms Typically Offered: On Demand.

## PSOG-680 Independent Study: 1-4 Credits

Course will allow students to develop knowledge and application skills tailored to their specific interests, career goals, and learning needs. Course emphases must align with one or more SIOP competencies (professional skills, research methods, human performance, individual assessment, etc.) Maximum number of units recommended per semester is 2 . Maximum number of units allowed per year is 4 . Maximum number that can count toward degree is 8 . MSOP students in good standing can enroll in Independent Study only with permission of professor of record and program director.
Terms Typically Offered: Spring and Summer.

PSOG-710 Applying Science in Organizations 1.5 Credits
This course serves as a capstone for the Master of Arts in Organizational Psychology track and prepares students for organizaitonal practice by synthesizing knowledge from all previous courses and includes an integration project that serves as a comprehensive examination.

PSOG-715 Advanced Research Methods/Project Devel 1.5 Credits This course prepares students in the Master of Science in Industrial and Organizational Psychology program to conduct independent research.

PSOG-720 Professional Development Workshops 1 Credit
Six 8-hour workshops are held (3 per year) that present current trends in the field while providing students hands-on support for their own professional development.
Terms Typically Offered: Fall, Spring, and Summer.
PSOG-799 Continued Reg: Master's Study 1 Credit
Required for each semester subsequent to registration of PSOG 650 or PSOG 652 until completed. Must be enolled in semester of completion. PSOG 799 credits do not count toward MSOP degree requirements. Prerequisite: PSOG-650; PSOG-652
Terms Typically Offered: Fall and Spring.

## Psychology-SPS (PSYD)

## PSYD-214 Researched Writing/Psyc Majors 3 Credits

This course focuses on the process of writing in APA style. Students will be taught how to read and comprehend research in psychology and to write research papers from a place of understanding the context, process, and audience for research writing. This course also serves as an introduction to the major, informing students of scholastic expectations and of opportunities within their undergraduate experience. Additionally, students will be guided in thinking about and moving toward future educational and career pursuits. Must be passed with a "C" (not "C-") or better to fulfill the GE English Composition requirement. (School for Professional Studies Course).
Terms Typically Offered: Fall.

## PSYD-221 Developmental Psychology 3 Credits

An exploration of human development through the biological behavioral, cognitive, sociocultural, and spiritual perspectives in a lifespan approach (from conception through death). This course is recommended early in the major and is a prerequisite for other psychology courses. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-366 OR PSYC-103/103C
Terms Typically Offered: Fall.

## PSYD-265 Intro to Statistical Methods 3 Credits

A course in basic statistical concepts and methods of collecting, summarizing, presenting, and interpreting data in the behavioral sciences: including descriptive statistics (use of graphs and charts), normal distribution curve, measures of central tendency, deviation and dispersion, hypothesis testing, statistical fallacies, correlation and topics in probability. Students are advised to take Math 105 and Math 109 in preparation for this course. (School for Professional Studies Course). Terms Typically Offered: Fall and Summer.

PSYD-321 Adolescent Psychology 3 Credits
A study of the period of life from puberty to the emergence from the teens, emphasizing the physical, mental, emotional, social, spiritual, and personality development of the individual. Diversity issues are considered. (School for Professional Studies Course).
Prerequisite: Take PSYC-103, PSYD-366, OR PSYC-103C
Terms Typically Offered: Fall and Spring.
PSYD-340 Biological Psychology 3 Credits
A study of human behavior in terms of the nervous system and its control of the activity of the muscles, glands, and the biochemistry of the body, with special emphasis on perception, sensory and motor functions, motivation, emotion, learning, and memory. Neurological impairment and disorders are examined.
Prerequisite: MUST COMPLETE: PSYD-366 OR PSYC-103/103C Terms Typically Offered: Spring.

## PSYD-352 Industrial/Organizational Psyc 3 Credits

Investigate how general psychological knowledge from the areas of personality, assessment, cognitive, and social psychology can be applied and further developed in organizational contexts. Issues such as matching jobs and individuals, training, performance evaluation, stress, leadership, and development are discussed in the context of multilevel cultural influences, from organizational cultures to global business demands. (meets Social Science requirement). (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYC-103C
Terms Typically Offered: Spring.

## PSYD-367 Writing and Research Skills 3 Credits

Designed to introduce students to the advanced skills needed for academic writing in the social sciences. Students will also be introduced to advanced academic research techniques. *This course must be passed with a "C" or better to fulfill requirements for graduation. $A$ student receiving a "C-" or lower must retake the course to earn the required grade for graduation.

## PSYD-368 Survey of Human Services 3 Credits

Explores the ways in which care is provided for the whole individual, surveying community resources and developing an understanding of the ways in which human services are carried out in various settings. Ethical issues in human services practice are also examined. Each student will identify an appropriate human service agency for a field practicum placement and will develop a plan to meet the requirements for Field Practicum.
Prerequisite: Must Complete PSYD-367 and PSYD-366 or PSYC-103/103C Terms Typically Offered: Fall.

## PSYD-372 Adulthood and Aging 3 Credits

Examines the physical, cognitive, social and emotional adjustments of adult life from adulthood through death. Focuses on the process of development rising from physical aging, continuing socialization and environmental changes involved in these life phases. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-366 or PSYC-103C/103
Terms Typically Offered: Spring.

PSYD-373 Psychology of the Family 3 Credits
Explores the institution of the family from a multigenerational developmental perspective. Psychological, socio-cultural, and spiritual perspectives are also explored. Students will be introduced to family systems theory as a method of understanding family dynamics and to theoretical orientations of family therapy. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-366 or PSYC-103/103C
Terms Typically Offered: Spring.

## PSYD-375 Understanding Research Design 3 Credits

Provides an introduction to research design, including purposes and procedures of descriptive, quasi-experimental, and experimental research. Literature review strategies and writing of APA-style research papers will be covered. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-265, PSYD 367 and PSYD-366 or PSYC-103C
Terms Typically Offered: Spring.

## PSYD-420 Behavior Modification 3 Credits

Examines the applications of cognitive and learning theories to a broad range of problems and settings, including child rearing, education, psychotherapy, and industrial settings. Integration of theological aspects of therapy is also addressed. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-366 or PSYC-103/103C Terms Typically Offered: Fall.

## PSYD-432 Social/Cultural Psychology 3 Credits

Examines interpersonal behavior as it is influenced by social processes, culture, face-to-face interactions, and personality characteristics. Among the topics covered are interpersonal and group behavior in relationship to social values, diversity issues, norms, attitudes, roles, and social needs. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-366 AND PSYD-367
Terms Typically Offered: Fall.

## PSYD-434 Group Dynamics 3 Credits

Introduces students to various types of groups used in clinical settings and to the theoretical orientations commonly utilized in group practice. The stages of group work, leadership skills, and work with special populations are explored. Students are introduced to ethical issues, and multicultural issues that apply to group work.
Prerequisite: MUST COMPLETE: PSYD-366 or PSYC-103C/103
Terms Typically Offered: On Demand.

## PSYD-436 Psychological Disorder 3 Credits

A study of psychological disorders using a biopsychosocial perspective. Course includes description, patterns of development, assessment, and treatment methods
Prerequisite: PSYD-366 PSYC-103 or PSYC-103C;
Terms Typically Offered: Spring.
PSYD-449 Cognitive Psychology 3 Credits
Addresses the study of human cognitive processes including perception, memory, problem solving, thinking, and hemispheric specialization. Cognitive aspects of psychological and learning disorders are also addressed. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-366 or PSYC-103/103C
Terms Typically Offered: Fall.

## PSYD-460 Field Practicum 3 Credits

Students apply concepts learned in the major as a student intern/ volunteer at a human services agency or research facility. All practicum sites must be approved by the Field Practicum Coordinator for the PS Psychology major prior to beginning the practicum. Students accrue hours over the course of the program; hours must be completed by the start date of the course. Students will accrue a minimum of 90 hours for 3 units of course credit. Coursework includes a written and oral presentation. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-366 or PSYC-103/103C
Terms Typically Offered: Spring.

## PSYD-462 Counseling Theories 3 Credits

Studies the various theoretical approaches to counseling, the personhood of the counselor, and ethical issues in clinical practice. Major counseling theories are introduced by covering key concepts, the nature of the therapeutic relationship, and techniques associated with each theory. The worldview underlying each theory is examined as it relates to a Christian worldview, and the integration of biblical principles in counseling theories is introduced. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-366 or PSYC-103/103C Terms Typically Offered: Spring.

## PSYD-465 Field Education for Psy Majors 1-5 Credits

Students apply concepts learned in the major as a student intern/ volunteer at a human services agency or research facility. This course allows students to earn credit for additional field experience beyond PSYD 460; 30 hours of field experience will be required for each credit hour. Students may register for from 1-5 units of credit. (School for Professional Studies Course).
Pre- or Co-Requisite: PSYD-460
Terms Typically Offered: Spring.

## PSYD-470 Special Topic: 1-3 Credits

Study of a special topic in psychology. May be repeated for credit. (School for Professional Studies Course).
Terms Typically Offered: On Demand.

## PSYD-477 Psychology and Christianity 3 Credits

Examines human nature from the perspective of psychology and Christian belief. The major approaches to the integration of psychology and Christianity will be examined, utilizing a range of issues such as the relationship between mind, body, and soul; the nature of human freedom; Christian prayer; conversion; the relationships between people's attitudes and their behavior; and contemporary Christian counseling and pastoral care. (School for Professional Studies Course).
Prerequisite: MUST COMPLETE: PSYD-367 and PSYD-366 or
PSYC-103/103C
Terms Typically Offered: Spring.

## Religion Thesis-Graduate (RELG)

RELG-595 Directed Reading 3 Credits
Terms Typically Offered: Fall and Spring.
RELG-596 Research Methodology 3 Credits
Terms Typically Offered: Fall.
RELG-597 Master's Project 3 Credits
Terms Typically Offered: Spring.
RELG-598 Master's Thesis 3 Credits
Terms Typically Offered: Spring.

RELG-599 Cont Reg: Master Study 1 Credit
Terms Typically Offered: Fall and Spring.
RELG-650 Directed Reading 3 Credits
RELG-680 Ind Studies: 1-4 Credits
Terms Typically Offered: Spring.

## RELG-693 Integrative Seminar 3 Credits

The Integrative Seminar is a classroom experience designed to help students reflect theologically on ministry experience by integrating what they have learned in graduate coursework with the practice of ministry. Terms Typically Offered: Fall, Spring, and Summer.

## RELG-694 Field Education 3 Credits

A field education experience with a qualified mentor approved by the Faculty Supervisor in Field Education. See the Graduate Religion Office for applications.
Terms Typically Offered: Fall and Summer.
RELG-695 Directed Reading 3 Credits
Terms Typically Offered: Spring and Summer.
RELG-696 Research Methodology 3 Credits
Terms Typically Offered: Fall and Spring.
RELG-697 Master's Project 3 Credits
RELG-698 Master's Thesis 3 Credits
Terms Typically Offered: Spring.
RELG-778 OCMS Thesis Proposal 4 Credits
Terms Typically Offered: Fall.
RELG-779 OCMS Continued Registration 1-4 Credits

## RELG-780 Independent Study 1-4 Credits

RELG-788 Resrch Meth: Leadership Studies 3 Credits
An introduction to research and inquiry regarding leadership and religious organizations. Students will design and complete a mini research project that includes: a problem statement, definition of terms, limitations and delimitations, literature review, description of research method, collection of data, data analysis and interpretation of data. Required for all M.A. students, and M.T.S. students who have chosen the thesis, project or directed reading option in the field of Leadership Studies. May be used as one elective M.T.S. course.
Terms Typically Offered: Spring and Summer.
RELG-790 Exit Option Design/Proposal:Bib Studies 3 Credits
Terms Typically Offered: Spring.
RELG-791 Exit Option Design/Proposal:leadership 3 Credits
The development of appropriate thesis and directed reading topics in the field of Leadership Studies, and the description of these topics in a formal proposal format. Students will meet with selected faculty and other students enrolled in each semester to research proposals until approved by faculty. After approval of the research proposal, students will continue to meet in this seminar to report progress on their research exit options. Required for all M.A. students, and M.T.S. students who have chosen the thesis or directed reading option in the field of Leadership Studies. May be used as one elective M.T.S. course.
Terms Typically Offered: Spring and Summer.

RELG-795 Directed Reading 3 Credits
The development of a problem statement necessary to conduct a literature search in a given area. Written critiques, a summary reflection paper and meetings between the student and the directed reading mentor monitor the student's progress and mastery of research topic.
Terms Typically Offered: Fall, Spring, and Summer.

## RELG-795A Directed Reading 4 Credits

RELG-796 Research Methodology 2 Credits
Terms Typically Offered: Fall, Spring, and Summer.

## RELG-797 Master's Project 3 Credits

Terms Typically Offered: Fall and Summer.

## RELG-798 Master's Thesis 3 Credits

The study of a well-defined problem that both emerges from and carries forward some existing body of knowledge or theory. Students who choose this research option, work with the guidance of a faculty committee.
Terms Typically Offered: Fall, Spring, and Summer.

## RELG-798A Master's Thesis 4 Credits

RELG-799 Continuted Registration: Master's Study 1 Credit
Required for each semester subsequent to registration of RELG 790, $791,795,797$, or 798 until completed. Must be enrolled in semester of completion. RELG 799 credits do not count toward M.A. or M.T.S. degree requirements.
Terms Typically Offered: Fall, Spring, and Summer.
RELG-799A Cont Reg: Master's Study 1 Credit
Terms Typically Offered: Fall and Spring.

## Sociology (SOC)

SOC-100 Intro to Sociology 3 Credits
An introduction to the study of society, considering the fundamental concepts of sociology in each of three great areas: social structure, social processes, and social problems. Sociology deals with the way individuals, groups, and institutions are related to one another. This course meets the Social Science requirement in the Professional Studies Program. (School for Professional Studies Course).

SOC-100C Introduction to Sociology 3 Credits
An introduction to the study of society, considering the fundamental concepts of sociology in each of three great areas: social structure, social processes, and social problems. Sociology deals with the way individuals, groups, and institutions are related to one another.
Terms Typically Offered: Fall and Spring.

## SOC-220 Marriage \& Family Social Conte 3 Credits

This course provides students with a sociological perspective of marriage and family living. Themes include: the social construction of gender and the consequences for relationships and social institutions; intimacy in family relationships; communication, conflict and stress in the family; the realities of parenting; integrating work and family life; separation divorce and remarriage; later life families. This course meets the Social Science requirement in the Professional Studies program. (School for Professional Studies Course).

## SOC-230 Social Problems 3 Credits

A selective sociological analysis of major problems confronting American society, discussion of individual and social disorganization, poverty, urbanization, deviancy, effects of mass media, and other issues.
Prerequisite: Take ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-258 Sociology of Sport \& Human Movement 3 Credits

This course is cross listed with KINE-258. This class will examine the historical and contemporary interpretations of the role of play, games, sports, dance, fitness, and recreation in a variety of cultures. This class will also address sociocultural issues such as gender, socioeconomic status, race and ethnicity in sport. This course is only offered odd years in the Fall.
Terms Typically Offered: Fall, odd years.
SOC-265C Introduction to Behavioral Statistics 3 Credits
A course in basic statistical concepts and methods of collecting, summarizing, presenting, and interpreting data in the behavioral sciences; including descriptive statistics (use of graphs and charts), normal distribution curve, measures of central tendency, deviation and dispersion, hypothesis testing, statistical fallacies, correlation, and topics in probability. Students majoring in Psychology, Sociology or History/ Political Science must take PSYC-265C or SOC-265C to fulfill the core curriculum requirement in mathematics and the major requirement. Terms Typically Offered: Fall and Spring.

## SOC-305 Criminology/Criminal Justice System 3 Credits

This is a survey course that introduces students to the motivations for criminal behavior and societal responses to them. Law, crime, and crime control will be presented as social phenomena that can be adequately understood only in terms of larger social and cultural contexts.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-310 Introduction to Social Work 3 Credits

This course will introduce students to the profession of social work across a variety of contexts. Special attention will be given to the values supporting social work, areas/fields of practice, and the social functions filled by social workers.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.
SOC-312 Death, Grief, and Loss 3 Credits
This course is cross-listed with PSYC-312. This course provides a comprehensive introduction to the study of death and dying. This course will discuss the intellectual, emotional, social, psychological, experiential and spiritual aspects of death and loss as part of one's personal discovery.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-317 Community Development 3 Credits

In this introduction to the field of community development we explore the historic roots of poverty and development as well as some of the key theories and methods in the field. We will explore the ingredients that connect communities and the ways in which communities can advocate for the design of programs and initiatives which reflect their needs and values. The course includes case studies from both local and international contexts. Out of this course, students will develop a specific assessment plan for a group in which they are interested.
Prerequisite: Take ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-320 Social \& Cultural Change 3 Credits

This course is cross-listed with ANTH-320. The study of change, its processes and consequences in non-Western and contemporary societies. Special emphasis will be given to cross-cultural change involving migrants, minorities, and religious contacts as well as change at the personal level.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-324 Social Psychology 3 Credits

This course is cross-listed with PSYC-324. An examination of interpersonal behavior as it is influenced by social processes, culture, face-to-face interactions, and personality characteristics; including interpersonal and group behavior in relationship to social values, norms, attitudes, roles, and social needs.
Prerequisite: SOC-100C or PSYC-103C
Terms Typically Offered: Fall and Spring

## SOC-332 Marriage \& the Family 3 Credits

The institutions of marriage and the family are explored from the sociological perspective which emphasizes the influence of societal norms on human behavior and social structures. Commonly held conceptions of traditional marital forms and alternative forms of cohabitation both historical and modern are examined using the analytical tools of social science theory, research methods, and statistics. Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: Fall and Spring

## SOC-334 Gender, Culture, and Society 3 Credits

This course is cross listed with ANTH-334. Gender as a social construction with powerful consequences is explored in this course along with those cultural values and ideologies which perpetuate the discourse of differences. Contemporary studies of gender cross-culturally will enable an appreciation of the broad diversity in the application of gender constructs and their resultant cultural effects.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-336 Managing Crisis 3 Credits

This course is cross-listed with PSYC-336. This course examines the phenomena of social crises and emergencies. It will examine Crisis Theory, response, coping skills and intervention methods. Implications for gender, race, social class, and diverse backgrounds will be explored in light of how those differences influence differing needs, norms, and ways of coping.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-337 Public Health 3 Credits

This course introduces the multifaceted discipline of public health. Students will consider current public health problems such as diabetes, infant mortality, the aging of the U.S. population and health inequalities. In addition, students will learn about the core functions and essential services of public health in both the U.S. and around the world.
Prerequisite: ANTH-102C, PSYC-103C or SOC-100C
Terms Typically Offered: On Demand.

## SOC-338 Child Welfare 3 Credits

The objective of this course is to provide students with an overview of Child Welfare practice and how it has shaped legislation, policy, advocacy and services for children and families in the United States. This course will also examine competencies, knowledge and skills that are essential for child welfare social workers to perform their work with children and families.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-343 Class, Race, Ethnicity \& Gender 3 Credits

This course is cross listed with ANTH-343. This course focuses on the distribution of power and resources across racial and ethnic/cultural groups, class structure, and gender. Phenomenological, institutional, and structural aspects of prejudice and discrimination are examined using the matrix of domination (the intersection of attributes related to class, race, ethnicity and gender) to explore the life experiences of individuals. Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: Fall and Spring.

## SOC-345 Family Violence 3 Credits

This course is cross-listed with PSYC-344. Investigates the identification, causes, and prevention of all types of intrafamily abuse: child, spouse, sibling, and parent. Explores theories and research findings for practical application. Studies the sociocultural contexts in which abuse and violence occur. For students whose careers will bring contact with victims and/or perpetrators of family violence.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C. Sophomore standing or above.
Terms Typically Offered: On Demand.

## SOC-346 Human Sexuality 3 Credits

This course is cross-listed with ANTH-346 and PSYC-346. Human Sexuality provides an overview of human sexual anatomy, gender identify, sexual orientation and expression, and the ways that contexts affect sexual meanings. Must have junior or senior class standing.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C; must be Junior or Senior standing.
Terms Typically Offered: On Demand.

## SOC-349 Religion \& Society 3 Credits

The social structural approach to the study of religion, with particular emphasis on American society. Examines personal religious experience and expressions, structural forms, systemic relationships between religious systems and other social subsystems. Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C Terms Typically Offered: On Demand.

## SOC-355 Survey of Human Services 3 Credits

Survey of Human Services explores the ways in which care is provided for the whole individual, surveying community resources and developing an understanding of the ways in which human services are carried out in various settings. Ethical issues and the significance of a Christian worldview in human services are also examined.
Prerequisite: SOC-100C or PSYC-103C
SOC-357 Inside-Out-Jail Class 3 Credits
This class meets at the Orange County jail and provides an overview of the study of crime as a social phenomenon. It focuses on the perspectives, meanings of, theories about, correlates of, consequences from, and societal responses to crime. Students in this course will meet at the jail for class each week.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-362 Juvenile Delinquency \& Justice 3 Credits

The causes of juvenile delinquency are reviewed from a broad social systems perspective. Delinquent crimes, gang activity and violence are studied, as is the system of juvenile justice. Course is designed for those who will be working with juveniles.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-365 Sociological Theory 3 Credits

An introduction to the theorists and theoretical models which result from examination and analysis of our empirical world of social relations, social structures, and social institutions.
Prerequisite: SOC-100C
Terms Typically Offered: On Demand.

## SOC-369 Research Design \& Methods 3 Credits

Examines the major qualitative and quantitative research methods used in applied Sociology. Particular emphasis will be given to design, preparation, and process of applied social research. Introduces students to various methods including unobtrusive observation, structured and unstructured interviewing, and survey research.
Prerequisite: SOC-265C and SOC-365
Co-Requisite: SOC-369L
Terms Typically Offered: On Demand.

## SOC-369L Research Design \& Methods Lab 1 Credit

Introduces students to computer software utilized by social researchers to compile, manage and analyze data as a product of research.
Co-Requisite: SOC-369
Terms Typically Offered: On Demand.

## SOC-371 Urban Studies 3 Credits

This course is cross listed with ANTH-371. A study of urban life with emphasis on its organization, unique functions, and problems.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-373 Deviant Behavior 3 Credits

Explores how societies decide what behaviors are deviant, how they attempt to prevent and/or correct deviance and the consequences to the offenders and the social structures in which they occur. Emphasis is given to research that describes deviance, theories which explain the social conditions contributing to the emergence and perpetuation of deviance, and the analysis of society's programmed efforts to resolve the problems deviance produces.
Prerequisite: ANTH-102, PSYC-103C or SOC-100C
Terms Typically Offered: On Demand.

## SOC-375 Social Issues of Health \& Wellness 3 Credits

This course is cross listed with ANTH-375. Explores the social forces that shape the health and illness of populations, the changing social definitions of wellness and social expectations. The course examines the role of society and culture in wellness-related decision making and health-care delivery systems.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-376 Immigration and Diversity 3 Credits

This course will discuss topics of immigration and demographic change as interconnected social phenomena and will explore different generational cohorts as social forces that contribute to suburbanization, American consumerism, the birth and rebirth of social movements and various subcultures.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-377 Migrants and Refugees 3 Credits

This course explores sociological explanations of migration to understand voluntary and involuntary movement of refugees and migrants. The course discussion includes the history of global refugee responses, immigration policies in the U.S. and its growing population of undocumented migrants and refugees, and global political instabilities and subsequent displacement of people from their places of security. The course aims to achieve deeper understanding of diversity embedded in migration stories, intended and unintended consequences of our reactions to refugee crises, and the social significance of development and globalization.
Prerequisite: ANTH-102C, PSYC-103C or SOC-100C
Terms Typically Offered: On Demand.

## SOC-378 Prisons and Jails 3 Credits

Provides an overview of modern adult corrections, specifically probation, parole, incarceration, community-based corrections, and prevention programs. Includes survey of history, application and theory of punishment philosophies and practices. Studies contemporary correctional policies, practices, and issues.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-382 Mental Illness in Society 3 Credits

This course is cross-listed with PSYC-382. This course examines the distribution of mental illness throughout society, the social conditions of processes that contribute to mental illness and mental health, and the individual experience of being labeled and treated as mentally ill.
Prerequisite: ANTH-102C, PSYC-103C or SOC-100C
Terms Typically Offered: On Demand.

## SOC-442 Globalization \& Development 3 Credits

This course is cross listed with ANTH-442. Course considers social science approaches to the analysis of economic development and change with special attention given to contemporary development concerns as perceived at the local level. The organization of large- and small-scale development organizations, including non-government organizations, in non-Western settings will also be examined.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.

## SOC-450 Sociology Teaching Internship 1-3 Credits

Students may be a teaching intern for classes they have previously taken. Regular hours each week for classes and/or meetings are established at the beginning of the semester. The intern will assist the instructor in course-related activities. May be repeated for a maximum of six units. Must be Junior or Senior standing with a GPA of 3.0 or above and the permission of the instructor.
Terms Typically Offered: Fall and Spring.

## SOC-455 Sociology Research Assistantship 1-3 Credits

The student assistant will be assigned to work on various steps of the research process from the formulation of the problem through the analysis of the data and preparation of the research report in written and/ or oral formats. May be repeated for a maximum of six units.
Prerequisite: SOC-100C, SOC-369 and MATH-265C, SOC-265C, or PSYC-265C
Terms Typically Offered: On Demand.

## soc-460 Field Practicum 1-4 Credits

Field experience in a social service agency such as an outpatient health facility, a community organization, or a social program. This course is controlled by the instructor and all field sites must be approved by the professor. The course instructor and the university manage the course requirements and responsiblities which may include a research paper, weekly journals, and various written assignments. The course requires weekly interaction between professor and student as well as training and preparation that are comparable with other courses within the major. Thirty hours of field experience will be required for each credit hour. Must take 3 units during the first semester. May be repeated for 1-4 units in a subsequent semester.
Prerequisite: SOC-369 and SOC-369L or permission of instructor Terms Typically Offered: Fall and Spring.

## SOC-462 Research Practicum 1-4 Credits

This course provides an in-depth research experience. Students work closely with a faculty mentor at all levels of the research process from the development of a conceptual framework and articulation of the research question to the creation of the research instrument, collection of data, and analysis of key findings. Students will submit an empirical research paper at the end of the term with the opportunity to present their research in a number of academic conferences and colloquia. Must take 3 units during the first semester. May be repeated for 1-4 units in a subsequent semester.
Prerequisite: SOC-365 and SOC-369
Terms Typically Offered: Fall and Spring.

SOC-470 Special Topic in Sociology 1-3 Credits
Study of a special topic in one of the fields of sociology. May be repeated for credit. Special topic courses are developed by faculty according to student interest and are offered periodically.
Prerequisite: ANTH-102C, PSYC-103C, or SOC-100C
Terms Typically Offered: On Demand.
SOC-480 Individual Studies in Sociology 1-3 Credits
May be repeated for credit.

## SOC-490C Senior Seminar 3 Credits

This course is designed to serve as a rite of passage for graduating seniors. It particularly is intended to assist the student in integrating the multifaceted aspects of their educational experience with their short- and long-term life goals. This course fulfills the Core Curriculum Capstone requirement for Sociology majors.
Terms Typically Offered: On Demand.

## Theatre Arts (THEA)

## THEA-102C Intro to Acting 3 Credits

Introduces students to the art and craft of creating believable characters for the stage using various theatre games and improvisations leading into scene work and monologues. Also covered is the history of contemporary styles. The course is specifically designed for majors with a Technical/ Design concentration, minors, and non-majors who wish to gain skills in speaking in front of large groups. This course satisfies the Fine Arts Core Curriculum requirement for non-majors. Lab Fee.
Terms Typically Offered: Fall and Spring.

## THEA-103A Private Dance Lessons I 0-1 Credits

This course provides private dance lessons for performers. The focus will be on improving basic skills and preparing students for dance auditions and show choreography. Each level may be repeated twice for credit. Lab fee.

## Terms Typically Offered: Fall.

## THEA-103B Private Dance Lessons I 0-1 Credits

This course provides private dance lessons for performers. The focus will be on improving basic skills and preparing students for dance auditions and show choreography. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Spring.

## THEA-106 Set Construction I 1 Credit

Participation in the construction and assembling of mainstage and/or showcase sets including painting and various techniques utilized in set design. Repeatable up to two units.
Terms Typically Offered: Fall and Spring.

## THEA-107 Acting I 3 Credits

Theory and practice in the art of creating believable characters for stage, focusing on the Michael Chekhov method, with additional work in Stanislavski and Uta Hagen techniques covering observation, sensory awareness, applied imagination, ensemble work, theatre exercises, and scene work. This course is for declared Theatre majors. Those with a Technical/Design concentration, non-majors, and Theatre minors take THEA-102C: Introduction to Acting. All required acting courses must be taken in residence at Vanguard University and may not be transferred in. Lab Fee.
Terms Typically Offered: Fall.

## THEA-108A Theatrical Production I 0-1 Credits

Participation on a production team for mainstage shows/showcase week. Teams include, but are not limited to: sets, lighting, sound, costumes, makeup/hair, management, and front of house.
Terms Typically Offered: Fall.

## THEA-108B Theatrical Production I 0-1 Credits

Participation on a production team for mainstage shows/showcase week. Teams include, but are not limited to: sets, lighting, sound, costumes, makeup/hair, management, and front of house.
Terms Typically Offered: Spring.

## THEA-110 Costume Construction I 1 Credit

Participation in the construction of costumes and costume accessories for mainstage/showcase productions. Appropriate sewing and patterning techniques will be demonstrated and practiced.
Terms Typically Offered: Fall and Spring.
THEA-116 Scenic Painting I 1 Credit
Participation in the painting of the sets for mainstage productions. Students will be introduced to a variety of painting techniques. In addition to the scheduled meeting time, an additional 3 hours per week of arranged lab is required. Repeatable up to 2 units.
Terms Typically Offered: Fall and Spring.

## THEA-121 Movement and Voice 2 Credits

The study of stage movement, voice production, and speech using techniques and exercises to allow the freeing of one's natural voice and physicality. Techniques such as View Points and Laban will be utilized as well as concentration on breathing, relaxation, articulation, and dialect study.
Terms Typically Offered: Fall.

## THEA-132A Theatrical Performance I 0-2 Credits

Majors and minors must enroll for one or two units at a time. The course requires participating in mainstage theatrical production including a thorough study of the play, the development of the character in rehearsal, and the performance of the role. Lab fee.
Terms Typically Offered: Fall.

## THEA-132B Theatrical Performance I 0-2 Credits

Majors and minors must enroll for one or two units at a time. The course requires participating in mainstage theatrical production including a thorough study of the play, the development of the character in rehearsal, and the performance of the role. Lab fee.
Terms Typically Offered: Spring.

## THEA-133 Musical Theatre Dance I 1 Credit

An introduction to dance for musical theatre. Dance styles covered will include tap, jazz, and musical theatre movement. (NOTE: As of the 2021-2022 Academic Catalog, THEA-133C will no longer count towards the Core Curriculum.)
Terms Typically Offered: Spring.

## THEA-135 Theatre Movement 2 Credits

An introduction to the study of stage movement. Includes exercises and techniques to insure flexibility, meaningful aesthetic stage movement and physicality utilizing the Laban and Alexander techniques.(2020-2021 Catalog; this course is no longer offered.)
Terms Typically Offered: Fall.

## THEA-136A Private Acting Lessons I 0-1 Credits

This course provides private acting lessons for pairs of performers. The focus will be on scene work and monologues. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Fall.

## THEA-136B Private Acting Lessons I 0-1 Credits

This course provides private acting lessons for pairs of performers. The focus will be on scene work and monologues. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Spring.
THEA-137A Private Voice for Musical Theatre I 0-1 Credits
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.
Terms Typically Offered: Fall.

## THEA-137B Private Voice for Musical Theatre I 0-1 Credits

This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.
Terms Typically Offered: Spring.

## THEA-200C Intro to Theatre 3 Credits

An introduction to the study of theatre with focus on its history, forms, genres, performance space, and the artistic principles of production, as well as the technical aspects. Selected readings, discussions, attendance at plays, and critiques of performances are required. Theatre majors may not take THEA-200C to fulfill the Fine Arts core curriculum. Lab fee. Terms Typically Offered: Fall.

## THEA-202C History of Theatre I 3 Credits

An intensive study of theatre history - its literature, practitioners, and environs - from the Ancient Greeks through the French Neo-classical period. Readings, discussions, attendance at plays, and critiques of performances are required. This course fulfills the Fine Arts core curriculum requirement. Lab fee.
Terms Typically Offered: Fall.
THEA-203A Private Dance Lessons II 0-1 Credits
This course provides private dance lessons for performers. The focus will be on improving basic skills and preparing students for dance auditions and show choreography. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Fall.

## THEA-203B Private Dance Lessons II 0-1 Credits

This course provides private dance lessons for performers. The focus will be on improving basic skills and preparing students for dance auditions and show choreography. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Spring.
THEA-204C History of Theatre II 3 Credits
An intensive study of theatre history - its literature, practitioners, and environs - from the Restoration to modern. Readings, discussions, attendance at plays, and critiques of performances are required. This course fulfills the Fine Arts core curriculum requirement. Lab fee. Terms Typically Offered: Spring.

## THEA-207 Acting II 3 Credits

An in-depth study of characterization utilizing the Stanislavski system, and Uta Hagen's and Sanford Meisner's techniques of acting. This course is for Theatre majors only. Theatre minors may enroll with permission of instructor. All required acting courses must be taken in residence at Vanguard University and may not be transferred in. Lab Fee.
Prerequisite: THEA-107
Terms Typically Offered: Spring.

## THEA-208A Theatrical Production II 0-1 Credits

Participation on a production team for mainstage shows/showcase week. Teams include, but are not limited to: sets, lighting, sound, costumes, makeup/hair, management, and front of house.
Terms Typically Offered: Fall.

## THEA-208B Theatrical Production II 0-1 Credits

Participation on a production team for mainstage shows/showcase week. Teams include, but are not limited to: sets, lighting, sound, costumes, makeup/hair, management, and front of house.
Terms Typically Offered: Spring.
THEA-213 Foundations of Dance for Elem Teachers 1 Credit
This course will introduce students to the world of elementary dance curriculum and pedagogy through a thought provoking exploration on the development of fundamental movement skills. Students will develop the knowledge, skills and attitude necessary to successfully implement a dance and drama program to support the diverse needs of elementary school students. Students will also be provided with guided opportunities to explore performance and choreographic experiences that build skills in improvisation and collaboration. This course is cross-listed with EDUC-213
Terms Typically Offered: Fall and Spring.

## THEA-219 Acting/Directing for the Cameral 2 Credits

An introductory level class designed to familiarize students with the process of acting and directing for film or video using scenes from current stage and screen plays. Emphasis is on "single camera" situations. Lab fee.
Terms Typically Offered: Fall and Spring.

## THEA-220 Musical Theatre Vocal Technique I 3 Credits

This course will cover a range of techniques used to develop the musical theatre voice. Areas included are breathing techniques and appropriate vocal exercises to increase range, enhance color, and enrich the beauty of the voice. Musical theatre repertoire will be used to explore aspects of the interaction of the vocal, physical, and mental aspects of performing in musicals. An emphasis will be placed on healthy and connected singing as well as performance techniques for musical theatre. Lab fee. Terms Typically Offered: Fall.

## THEA-232A Theatrical Performance II 0-2 Credits

Majors and minors must enroll for one or two units at a time. The course requires participating in mainstage theatrical production including a thorough study of the play, the development of the character in rehearsal, and the performance of the role. Lab fee.
Terms Typically Offered: Fall.

## THEA-232B Theatrical Performance II 0-2 Credits

Majors and minors must enroll for one or two units at a time. The course requires participating in mainstage theatrical production including a thorough study of the play, the development of the character in rehearsal, and the performance of the role. Lab fee.
Terms Typically Offered: Spring.

## THEA-236A Private Acting Lessons II 0-1 Credits

This course provides private acting lessons for pairs of performers. The focus will be on scene work and monologues. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Fall.

## THEA-236B Private Acting Lessons II 0-1 Credits

This course provides private acting lessons for pairs of performers. The focus will be on scene work and monologues. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Spring.
THEA-237A Private Voice for Musical Theatre II 0-1 Credits
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.
Terms Typically Offered: Fall.

## THEA-237B Private Voice for Musical Theatre II 0-1 Credits

This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.
Terms Typically Offered: Spring.
THEA-242 Pedagogy/Practice in Theatre for Youth 3 Credits
This course provides methods and materials for drama structures and activities as applied to the elementary classroom. Participants will explore how to use drama as a tool for transfer across the curriculum, as well as a way to motivate students, build classroom community and manage the classroom. Participants will investigate through the lens of a teaching artist, classroom teacher and/or drama teacher how to adapt the work to suit their needs, and collaboratively present lessons. This course is cross-listed with EDUC-242
Terms Typically Offered: Fall and Spring.

## THEA-244 Musical Theatre Audition I 3 Credits

An in-depth practicum class focusing on the preparation of audition pieces for musical theatre. Students will learn how to identify songs appropriate for their range and the production, and will study the techniques involved in song interpretation. Permission of instructor is required for non-Musical Theatre Concentration majors. (Formerly Titled Beginning Musical Theatre Audition; 2018 Catalog)
Terms Typically Offered: Spring.

## THEA-272 Playing Shakespeare 3 Credits

An intensive actor's workshop which covers textual analysis, speaking prose and verse, scene study, shaping speeches, and building a character from the works of William Shakespeare. All required acting courses must be taken in residence at Vanguard University and may not be transferred in.
Prerequisite: THEA-107
Terms Typically Offered: On Demand.
THEA-291 Special Topic: 1 Credit
Study of a special topic in an area of theatre. Repeatable up to 9 units. Terms Typically Offered: On Demand.
THEA-292 Special Topic: 1 Credit
Study of a special topic in an area of theatre. Repeatable up to 9 units. Terms Typically Offered: On Demand.
THEA-293 Special Topic: 1 Credit
Study of a special topic in an area of theatre. Repeatable up to 9 units. Terms Typically Offered: On Demand.

## THEA-303A Private Dance Lessons III 0-1 Credits

This course provides private dance lessons for performers. The focus will be on improving basic skills and preparing students for dance auditions and show choreography. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Fall.

## THEA-303B Private Dance Lessons III 0-1 Credits

This course provides private dance lessons for performers. The focus will be on improving basic skills and preparing students for dance auditions and show choreography. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Spring.

## THEA-306 Set Construction II 1 Credit

Participation in the construction and assembling of the mainstage and/ or showcase sets including painting and various techniques used in set design. Repeatable up to two units.
Terms Typically Offered: Fall and Spring.

## THEA-307 Acting III 3 Credits

This course involves putting together a role based on the continued process of Stanislavski system, the study of body language and other acting approaches. Lab Fee.
Prerequisite: THEA-107, THEA-207
Terms Typically Offered: Fall.

## THEA-308A Theatrical Production III 0-1 Credits

Participation on a production team for mainstage shows/showcase week. Teams include, but are not limited to: sets, lighting, sound, costumes, makeup/hair, management, and front of house.
Terms Typically Offered: Fall.
THEA-308B Theatrical Production III 0-1 Credits
Participation on a production team for mainstage shows/showcase week. Teams include, but are not limited to: sets, lighting, sound, costumes, makeup/hair, management, and front of house.
Terms Typically Offered: Spring.
THEA-310 Improvisation 2 Credits
Problem-solving theatre games and exercises are explored so as to develop spontaneity and impulse in action to free the player's imagination.
Terms Typically Offered: Spring, even years.
THEA-313 Scenic and Lighting Design Fundamentals 3 Credits This course covers the fundamentals of scenic and lighting design including the elements of design, a brief history of the disciplines, script analysis as it relates to design, and the process and tools necessary for creating scenic and lighting designs which support the director's vision. Lab fee.
Terms Typically Offered: Fall, odd years.
THEA-314 Makeup \& Costume Design Fundamentals 3 Credits
This course covers the fundamentals of makeup and costume design including the elements of design, a brief history of the disciplines, script analysis as it relates to design, and the process and tools necessary for creating character makeups and costume designs which support the director's vision. Lab fee.
Terms Typically Offered: Spring.

## THEA-316 Scenic Painting II 1 Credit

Participation in the painting of the sets for mainstage productions. Students will be introduced to a variety of painting techniques. In addition to the scheduled meeting time, an additional 3 hours per week of arranged lab is required. Repeatable up to 2 units.
Terms Typically Offered: Fall and Spring.
THEA-317 Costume Construction II 1 Credit
The course consists of participation in the construction of costumes and costume accessories for mainstage/showcase productions. Appropriate sewing and patterning techniques will be demonstrated and practiced. Terms Typically Offered: Fall and Spring.
THEA-319 Acting/Directing for the Camera II 2 Credits
An intermediate level class designed to continue training students in acting and directing for film or video using scenes from short one-acts and sitcom material. Emphasis is on two-camera situations.
Prerequisite: THEA-219
Terms Typically Offered: Fall and Spring.

## THEA-323 Sound Design 2 Credits

The design and integration of live and recorded digital sound into production as indicated by directors' conceptualization approaches. Terms Typically Offered: On Demand.

## THEA-324 Theory and Criticism 3 Credits

Reading and analysis of theories and critical approaches to contemporary theatre: Stanislavski, Aristotle, Brecht, and others who have contributed to the form and idea of the modern theatre. Lab Fee. Terms Typically Offered: Fall, odd years.

## THEA-331 Musical Theatre Vocal Technique II 3 Credits

Students will apply the vocal techniques learned in Musical Theatre Vocal Technique I to effectively and correctly the variety of song styles found in musical theatre. Examples include jazz, pop, rock, blues, classic musical theatre, standards, and folk-country. This course may be repeated once for credit
Prerequisite: Take THEA-220
Terms Typically Offered: Fall.

## THEA-332A Theatrical Performance III 0-2 Credits

Majors and minors must enroll for one or two units at a time. The course requires participating in mainstage theatrical production including a thorough study of the play, the development of the character in rehearsal, and the performance of the role. Lab fee.
Terms Typically Offered: Fall.

## THEA-332B Theatrical Performance III 0-2 Credits

Majors and minors must enroll for one or two units at a time. The course requires participating in mainstage theatrical production including a thorough study of the play, the development of the character in rehearsal, and the performance of the role. Lab fee.
Terms Typically Offered: Spring.
THEA-336A Private Acting Lessons III 0-1 Credits
This course provides private acting lessons for pairs of performers. The focus will be on scene work and monologues. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Fall.

## THEA-336B Private Acting Lessons III 0-1 Credits

This course provides private acting lessons for pairs of performers. The focus will be on scene work and monologues. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Spring.

## THEA-337A Private Voice for Musical Theatre III 0-1 Credits

This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.
Terms Typically Offered: Fall.
THEA-337B Private Voice for Musical Theatre III 0-1 Credits
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.
Terms Typically Offered: Spring.

## THEA-338 Stage Combat 2 Credits

This course introduces basic stage techniques with unarmed combat including falls, rolls, chokes, punches and kicks, advancing to broad sword combat using scenes from classical or contemporary works, and applying these techniques with special attention to safety. Lab fee. (NOTE: As of the 2021-2022 Academic Catalog, THEA-338C and THEA-338 will no longer count towards Core Curriculum.)
Terms Typically Offered: Spring.

## THEA-339 Industry Insiders 3 Credits

Course focuses on the skill and materials necessary to find employment as a performer for theater, television, and screen. Topics covered include auditioning/cold readings, securing representation, finding a business manager, and getting the most useful headshots. Lab fee.Must be have Junior or Senior standing.
Terms Typically Offered: Spring.

## THEA-341 Directing I: Stage and Screen 3 Credits

Introduction to the techniques and fundamentals of directing for the stage and screen using text, theory, and practicum while applying these approaches to student-directed one-acts. Lab Fee. (Formerly titled Directing Fundamentals: Stage and Screen; 2018 catalog)

## Prerequisite: THEA-107

Terms Typically Offered: Spring, even years.

## THEA-343 Character Acting for Comedy 3 Credits

This course will focus on creating believable characters for comedy using applied imagination, ensemble work, improvisation, and in-depth exploration of building and communicating a character utilizing the sitcom architypes.
Prerequisite: THEA-107
Terms Typically Offered: Spring, odd years.

## THEA-344 Musical Theatre Audition II 3 Credits

A continuing in-depth practicum class focusing on the preparation of audition pieces for musical theatre. Students will explore a wider range of pieces to identify songs appropriate for their range and production requirements and will continue to study the techniques involved in song interpretation. Permission of instructor required for non-Musical Theatre Concentration Majors. (Formerly titled Intermediate Musical Theatre Audition; 2018 catalog)
Prerequisite: THEA-244
Terms Typically Offered: Spring.

## THEA-350 Stage Management 3 Credits

The study of how to become a successful stage manager. Students will learn organizational, interpersonal, and publicity skills. Students also will learn how to manage actors and scheduling, work with the directors, and oversee the production for stage as well as television/film. Lab fee. Terms Typically Offered: Spring, odd years.

## THEA-360 Dramatic Lit: Script Analysis 3 Credits

This course is cross-listed with ENGL-360. This course introduces the student to history's most influential stage and screen plays giving the student skills with which to analyze critically the script in order to understand the work of each playwright. Lab fee.
Terms Typically Offered: Spring, even years.

## THEA-386 Junior Project 1 Credit

Participation in production crew for mainstage show for one or more of the following production teams: set construction, costumes, makeup/ hair, lighting, sound, house management, props, stage management, and assistant stage management. Repeatable up to four units.
Terms Typically Offered: Fall and Spring.

## THEA-403A Private Dance Lessons IV 0-1 Credits

This course provides private dance lessons for performers. The focus will be on improving basic skills and preparing students for dance auditions and show choreography. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Fall.

## THEA-403B Private Dance Lessons IV 0-1 Credits

This course provides private dance lessons for performers. The focus will be on improving basic skills and preparing students for dance auditions and show choreography. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Spring.

## THEA-408A Theatrical Production IV 0-1 Credits

Participation on a production team for mainstage shows/showcase week. Teams include, but are not limited to: sets, lighting, sound, costumes, makeup/hair, management, and front of house.
Terms Typically Offered: Fall.

## THEA-408B Theatrical Production IV 0-1 Credits

Participation on a production team for mainstage shows/showcase week. Teams include, but are not limited to: sets, lighting, sound, costumes, makeup/hair, management, and front of house.
Terms Typically Offered: Spring.

## THEA-419 Acting/Directing for the Camera III 2 Credits

An advanced level class designed to impart a deeper exploration of film and television utilizing play scripts that exist in public domain adapted short films.
Prerequisite: THEA-219, THEA-319
Terms Typically Offered: Fall and Spring.

## THEA-432A Theatrical Performance IV 0-2 Credits

Majors and minors must enroll for one or two units at a time. The course requires participating in mainstage theatrical production including a thorough study of the play, the development of the character in rehearsal, and the performance of the role. Lab fee.
Terms Typically Offered: Fall.

## THEA-432B Theatrical Performance IV 0-2 Credits

Majors and minors must enroll for one or two units at a time. The course requires participating in mainstage theatrical production including a thorough study of the play, the development of the character in rehearsal, and the performance of the role. Lab fee.
Terms Typically Offered: Spring.

## THEA-433 Musical Theatre Dance II 1 Credit

Instruction in dance for musical theatre. Dance styles covered will include tap, jazz, and musical theatre movement among others. (NOTE: As of the 2021-2022 Academic Catalog, THEA-433C and THEA-433 will no longer count towards Core Curriculum.)
Prerequisite: THEA-133C
Terms Typically Offered: Spring.

## THEA-436A Private Acting Lessons IV 0-1 Credits

This course provides private acting lessons for pairs of performers. The focus will be on scene work and monologues. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Fall.

## THEA-436B Private Acting Lessons IV 0-1 Credits

This course provides private acting lessons for pairs of performers. The focus will be on scene work and monologues. Each level may be repeated twice for credit. Lab fee.
Terms Typically Offered: Spring.

## THEA-437A Private Voice for Musical Theatre IV 0-1 Credits

This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.
Terms Typically Offered: Fall.

## THEA-437B Private Voice for Musical Theatre IV 0-1 Credits

This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.
Terms Typically Offered: Spring.

## THEA-441 Directing for the Stage II 3 Credits

An advanced level of technique and practicum for staging and working with actors through the use of text and scene work. (Formerly titled Advanced Directing for the Stage; 2018 Academic Catalog)
Prerequisite: THEA-341
Terms Typically Offered: On Demand.

## THEA-442 Playwriting 3 Credits

Development of playwriting techniques as applied to the stage. The student will be required to develop and write a one-act stage play. Lab
Fee. This course is cross-listed with ENGL-442.
Terms Typically Offered: Spring, odd years.

## THEA-450 Theatre Internship 1-2 Credits

To fulfill the course requirements, the student is to serve a minimum 150 hours for the 2-unit internship with a department-approved professional theater. May be repeated up to 3 units. Theatre majors are required to take 2 units. An additional unit may be taken as an elective unit. This must be arranged the previous semester and must be approved by the student's advisor and the professor of record. Freshmen may not take this course without approval of the department chair. Terms Typically Offered: Fall, Spring, and Summer.

## THEA-451 Theatre Teaching Assistant 1 Credit

Regular hours each week and/or meetings are established at the beginning of the semester. The intern assists an instructor in planning and conducting a course and/or laboratory sessions. This course may be repeated for a maximum of three units. This course does not fulfill the THEA-450 Theatre Internship requirement. Must be Junior standing with a GPA of 3.0 or above with approval of the Department Chair. Terms Typically Offered: Fall and Spring.

## THEA-455 Shakespeare Through the Ages 3 Credits

An in-depth survey of Shakespeare's major works within the historical and cultural context of the Renaissance. This investigation of his oeuvre includes the close reading of tragedies, comedies, romances and history plays with an eye towards the ways in which he revolutionized genre. This course involves class discussion, quizzes, texts, papers and performance, and it fulfills the departmental required for Shakespeare. This course is cross-listed with ENGL-455.
Terms Typically Offered: Fall.

## THEA-470 Special Topic: 2-3 Credits

Study of a special topic in the area of theatre. May be repeated for credit. Terms Typically Offered: Fall and Spring.

## THEA-472 Portfolio Preparation 2 Credits

Course focuses on the skills and materials necessary to create the type of portfolio required to find employment as a technician/designer. Topics covered include the different types of portfolios and knowing which one to use when, creating additional content, and how to integrate the Christian walk and faith with employment in the entertainment industry. Terms Typically Offered: Spring.

THEA-480 Individual Studies: 1-3 Credits
May be repeated for credit.
Terms Typically Offered: Fall and Spring.

## THEA-495C Senior Project 2 Credits

The Senior Project demonstrates the student's proficiency in and ownership of the outcomes of the Theatre curriculum. The project is presented to the campus community on-site during the regular department production calendar and includes a journal of the process. Project areas include performance, directing, design, management, script writing, and producing. The student will submit a reflection paper on the integration of faith and theatre with their academic journey, including insights gained from the senior project. This course and paper fulfills the Vanguard University Capstone requirement. Project by approval of Senior Project Coordinator and Department Chair. Lab fee.
Terms Typically Offered: Fall and Spring.

## Theology (THEO)

## THEO-101 Foundations of Christian Life 3 Credits

An introduction to Christian faith and life, embracing the primary theological tenets and fundamental values that empower a Christian to address contemporary cultural issues, seek integrity in personal behavior, and respond to the great commission to reach the world. (meets Religion/Humanities requirement). (School for Professional Studies Course).
Terms Typically Offered: Fall and Spring.

## THEO-101C Foundations of Christian Life 3 Credits

An introduction to Christian faith and life, embracing the primary theological tenets and fundamental values that empower a Christian to address contemporary cultural issues, seek integrity in personal behavior, and respond to the great commission to reach the world.
Terms Typically Offered: Fall and Spring.

## THEO-103 Introduction to Theology 3 Credits

An introductory study of the subject matter and scope of Christian theology. Examination is made of philosophical presuppositions, definition is sought for theological terms, and articulation of theological concepts is encouraged. Particular attention is given to the doctrinal tenets of the Assemblies of God. (Required for all religion majors/meets Religion/Humanities for all majors). (School for Professional Studies Course).
Terms Typically Offered: Fall, Spring, and Summer.

## THEO-103C Intro to Theology 3 Credits

An introductory study of the subject matter and scope of Christian theology. Examination is made of philosophical presuppositions, definition is sought for theological terms, and articulation of theological concepts is encouraged. Particular attention is given to the doctrinal tenets of the Assemblies of God. Students majoring in Religion (any concentration) must take THEO-103C to fulfill the core curriculum requirement in theology.
Terms Typically Offered: Fall and Spring.

## THEO-103H Introduction to Theology Honors 3 Credits

An introductory study of the subject matter and scope of Christian theology. Examination is made of philosophical presuppositions, definition is sought for theological terms, and articulation of theological concepts is encouraged. Particular attention is given to the doctrinal tenets of the Assemblies of God. This course is for honors students only. Terms Typically Offered: Fall.

THEO-291 Special Topic: 1 Credit
Study of a special topic in theology. May be repeated for credit.
THEO-292 Special Topic: 2 Credits
Study of a special topic in theology. May be repeated for credit.
THEO-293 Special Topic: 3 Credits
Study of a special topic in theology. May be repeated for credit.

## THEO-300C Developing a Christian World View 3 Credits

This course surveys the history of philosophical worldviews and life narratives as a background for understanding the challenges involved in developing a theology and ethic accountable to the biblical witness but contextual in a given culture. Theological currents leading to postmodernity will be explored through the lens provided by the questions and encounters that emerge from both western and nonwestern Christian perspectives.
Terms Typically Offered: Fall, Spring, and Summer.

## THEO-300H Developing a Christian World View 3 Credits

This course surveys the history of philosophical worldviews and life narratives as a background for understanding the challenges involved in developing a theology and ethic accountable to the biblical witness but contextual in a given culture. Theological currents leading to postmodernity will be explored through the lens provided by the questions and encounters that emerge from both western and nonwestern Christian perspectives.
Terms Typically Offered: Fall, Spring, and Summer.

## THEO-301 Christian Ethics 3 Credits

This course aims to investigate the moral implications of the Christian faith. Emphases will be placed on the theological nature of Christian ethical reflection, and the evaluation of specific moral issues from the vantage point of Christian faith.
Terms Typically Offered: Fall and Spring.
THEO-318 Systematic Theology I Anthropology, Christology, Soteriology 3 Credits
Using Scripture and the church's historic theological wisdom, this course is a study of God's nature, the Trinity, creation, humankind as Imago Dei, the fall, Jesus Christ's person and salvific work, and the elements of salvation including justification, sanctification and glorification. Core requirement for the religion major offered every semester.
Prerequisite: NT-101C, OT-201C; THEO-101C or THEO-103C/H Terms Typically Offered: Fall.

## THEO-320 Systematic Theology II: Pneumatology Ecclesiology,

 Eschatology 3 CreditsThis course covers Pneumatology, Eccelsiology, and Eschatology. ÿUsing Scripture and the church's historic theological wisdom this course is a study of the Holy Spirit's person, work, and gifts, the church's nature and vocation, and the last things, including the resurrection, final judgment, and new creation. Core requirement for the religion major offered every semester.
Prerequisite: NT-101C, OT-201C; THEO-101C or THEO-103C/H
Terms Typically Offered: Spring.

## THEO-415 Intro to Narrative Theology 3 Credits

This course explores the implications of storytelling and narrative as a way of thinking about - and engaging in - the theological task. It is the assumption of this course that the conceptual categories of narrative are irreducible to other forms of thought and that they therefore represent a domain of knowledge, which possesses its own independent validity. Put differently, the think in story. For this reason, interpretation, which is sensitive to narrative form, may help to expose that value. It is the purpose of this course to develop the sensitivities necessary to understand this important dimension of religious expression. Terms Typically Offered: Fall.

## THEO-432 Women in Ministry 3 Credits

An overview of the biblical and contemporary views on the leadership roles of women in the church, and the relevance of women in ministry for the modern church.
Terms Typically Offered: Spring.

## THEO-437 Philosophy of Religion 3 Credits

The course employs philosophical methodology to examine the problems of the nature, limits, and validity of religious knowledge; the meaning of religious language; and the origin and nature of evil. This course does not fulfill a core curriculum requirement.
Prerequisite: PHIL-201
Terms Typically Offered: Fall.

## THEO-467 Beauty and the Christian Life 3 Credits

An exploration of the category of beauty as it is variously addressed within the Bible, historic and contemporary Christian theology, and philosophy. These sources will be considered so that students may begin developing their own constructive theology of beauty.
Prerequisite: THEO-101C or THEO-103C/H
Terms Typically Offered: Spring.

THEO-470 Special Topic: 1-3 Credits
Study of a special topic in theology. May be repeated for credit.
THEO-480 Individual Studies: 1-3 Credits
May be repeated for credit.
THEO-490 Seminar: 3 Credits
Mutual investigation of one topic in theology of particular relevance to upper division religion majors. May be repeated for credit.

## THEO-499C Theo/Min/Post-Chrstn Context 3 Credits

Required of all religion majors during the senior year. This capstone course explores the changing role of pastoral, theological, and ethical reflection and practice in the contemporary context of shifting social realities. Particular attention is paid to the role of Pentecostalism within this matrix. Core requirement for the religion major offered every semester.
Terms Typically Offered: Fall and Spring.

## Theology-Graduate (THOG)

THOG-501 Found/Theological Studies 6 Credits
Terms Typically Offered: Fall.
THOG-505 Intro to Theology \& Ethics 3 Credits
Terms Typically Offered: Fall and Spring.
THOG-507 Theology and Ethics 3 Credits
THOG-508 Theological Studies 3 Credits
This course is designed mainly to expose the student to the nature and task of theology, especially to the issue of theological method. Included in theological method will be how biblical themes are interpreted in light of tradition and social/cultural contexts. Also included will be an awareness of the major fields of theological study.
Terms Typically Offered: Fall.
THOG-510 Systematic Theology: Christology, Anthropology, Soteriology 3 Credits
This course explores the subject of Christ, his person and work, and the topics of humanity and salvation using both a historical and constructive approach.
Terms Typically Offered: Fall.
THOG-515 Intro to Narrative Theology 3 Credits
Terms Typically Offered: Spring.
THOG-520 Systematic Theology: Pneumatology, Ecclesiology, and Eschatology 3 Credits
This course explores the subject of the Holy Spirit, including personage and deity, and the topics of the church, nature and purpose, and eschatology, including the nature of hope and the kingdom of God using both a historical and constructive approach.
Terms Typically Offered: Fall.
THOG-530 Systematic Theology: Theological Method, Revelation, and Theology Proper 3 Credits
This course explores the sources and method of theology, the topic of revelation, and the subject of God, including the Trinity and divine attributes using both a historical and constructive approach.
Terms Typically Offered: Fall.
THOG-532 Women in Ministry 3 Credits
THOG-533 Ldrshp/Context Urban Min. I 3 Credits
Terms Typically Offered: Fall.

THOG-534 Urban Ministry 3 Credits

## THOG-535 Current Religious Trends 4 Credits

## THOG-536 Contemporary Pentecostal Theology 3 Credits

This course examines current trends and issues in Pentecostalism by critically exploring global Pentecostal Theologians and movements. The historical origin and development of Pentecostal thought in theology will also be covered.

THOG-537 Philosophical Theology 3 Credits
Terms Typically Offered: Spring.
THOG-552 New Testament Theology 3 Credits
Terms Typically Offered: Spring.
THOG-555 New Testament Ethics 3 Credits
THOG-557 Historical Theology 3 Credits
An investigation of the system of doctrine of the Christian faith with attention to the lives of the framers of early Christian doctrine; exploration of the development of Christian theology and doctrine
throughout the reformation period and the twentieth century. The development of theological themes during this modern period will be discussed against the background of major events in church history and will be evaluated in terms of its relevance for the current situation of the churches.
Terms Typically Offered: Fall.
THOG-562 Selected Themes/Ot Theology 2-4 Credits
THOG-565 Christianity and Society 3 Credits
Terms Typically Offered: Spring.
THOG-567 Beauty and the Christian Life 3 Credits
Terms Typically Offered: Fall.
THOG-570 Special Topic: 1-3 Credits
Terms Typically Offered: Spring.
THOG-572 Old Testament Theology 3 Credits
Terms Typically Offered: Fall.
THOG-574 Old Testament Ethics 3 Credits
THOG-575 Contemporary Theological Ethic 4 Credits
THOG-582 Bibl Theo of Lv,Sex,Marr \& Fam 3 Credits Terms Typically Offered: Fall.

THOG-584 Bibl Theo of Pwr,Wlth \& Prosp 4 Credits
THOG-586 Bibl Theo/Power,Wlth,Prosper 3 Credits
Terms Typically Offered: Spring.
THOG-589 C.S. Lewis II 3 Credits
Terms Typically Offered: Fall and Spring.
THOG-590 Seminar: 1-3 Credits
Terms Typically Offered: Fall, Spring, and Summer.
THOG-630 Narrative Theo \& Hermeneutics 3 Credits
This course explores the implications of narrative as a way of engaging in the theological task. Particular attention is given to narrative biblical interpretation, theology, and preaching. In addition, students will become aware of the use of narrative in emerging theological voices in cultures outside the West (and minority cultures within the West), especially in Pentecostal contexts.
Terms Typically Offered: Fall.

## THOG-635 Moral Issues in Old Testament 3 Credits

## THOG-640 Systematic Theology 3 Credits

This course will introduce the student to the major loci of systematic theology, including such major topics as God, Christology, Pneumatology, Soteriology, Ecclesiology, and Eschatology. Each topic will be explored with the biblical witness, historical developments, and current issues in mind. The goal will be to provide the student with a broad basis for advanced graduate-level work in systematic theology.
Terms Typically Offered: Fall.
THOG-645 Theology \& Ministry/Postmodern Context 3 Credits
The cultural-linguistic turn, otherwise known as postmodernism, changes everything. This course aims to enable students to recognize the effect of postmodernity on the twin tasks of doing theology and engaging in ministry. The goal will be to explore what it means to effectively contextualize the timeless message of God's work without accommodating it to the prevailing zeitgeist. Toward this end, students will evaluate various evangelical responses to postmodernism, explore what it means to do ministry in a missional rather than institutional manner, and examine the various ways in which evangelical churches have endeavored to reinvent themselves so as to minister effectively (make disciples, image the kingdom of God) in a postmodern, postChristian context.
Terms Typically Offered: Fall.
THOG-650 Ind. Studies: Theology and Ethics 4 Credits
Terms Typically Offered: Fall, Spring, and Summer.
THOG-670 Special Topic: 1-3 Credits
Study in a special topic in theology and ethics.
Terms Typically Offered: Fall and Summer.
THOG-680 Individual Study: 1-3 Credits
An individualized study initiated by the student who must develop a written prospectus of the proposed study and secure an appropriate sponsoring faculty member to supervise and evaluate the study. Up to a maximum of three units may be applied toward the degree requirements. Terms Typically Offered: Fall and Summer.
THOG-690 Seminar: 1-3 Credits
Terms Typically Offered: Fall and Spring.

## Women and Justice Studies (WJST)

## WJST-P345 Human Trafficking 3 Credits

This course addresses trafficking based on the U.S. State Department model of Prevention, Protection, and Prosecution. Explores how trafficking happens, why it happens, and what can be done about it. For students interested in combatting human trafficking, this course offers a better understanding of professional career choices, as well as volunteer opportunities. The course includes guest speakers with indepth knowledge and experience in the field from law enforcement and victim services. Counts as elective toward Women \& Justice Minor. Terms Typically Offered: Fall, Spring, and Summer.

## WJST-P430 Csec 3 Credits

While discussing the theories of child development, early childhood trauma, and the stages of change, a key of the CSEC curriculum will be to identify strategies for early intervention with at-risk and vulnerable youth.

## WJST-P432 Sex Trafficking 3 Credits

Topics examined will include understanding sex trafficking and its dynamics, prevention strategies, protection of victims, investigation and prosecution of cases using laws and policies regarding sex trafficking.

## WJST-P434 Human Trafficking \& Demand 3 Credits

Topics examines will include understanding types of demand, how demand impacts the extent of human trafficking, prevention strategies, protection of victims, investigation and prosecution of cases and policies regarding those who demand various linds of human trafficking.

## WJST-P435 Human Trafficking Surv. Care 3 Credits

In light of best practices, this course seeks to equip students with the knowledge needed to understand the holistic needs of human trafficking survivors as they begin their aftercare and restoration process.

## WJST-P437 Ht \& Collaborations 3 Credits

Students will investigate different types of collabrative strategies, and how to build effective partnerships to enhance anti-trafficking efforts, both domestically and internationally.

## WJST-P439 Human Trafficking Prevention 3 Credits

Students will explore different types of prevention challenges and models and determine which prevention activities and processes may enhace anti-traffikcing efforts in their locations and areas of expertise.

## WJST-P440 Ethics \& Human Trafficking 3 Credits

Students will investigate the responsibility of business, consumers and media through the lents of a biblical ethics framework related to Human Dignity and Purpose in relation to trafficking.
Prerequisite: WJST-345 or consent of instructor
Terms Typically Offered: Fall, Spring, and Summer.

## WJST-P444 Ht Investigations 3 Credits

Topics examined will include understanding investigations, how they can impact human trafficking efforts, protection and invterviewing of victims, how investigations inform effective prosecution of cases and policies regarding investigating human trafficking situations.

## WJST-P445 Labor Trafficking 3 Credits

The issues around labor trafficking will be explored. Both domestic an international labor trafficking will be discussed. Topics examined will include the extent of the problem and its relation to other forms of human trafficking, prevention strategies, protection of victims, investigation and prosecution of cases, policies regarding labor trafficking, and partnerhips and collaborations impacting labor trafficking locally and globally.

## WJST-P447 Ht \& the Smuggling of Migrants 3 Credits

The issues around human trafficking and the smuggling of migrants will be explored and discussed. Risk factors and circumstances leading to populations being vulnerable to being exploited while attempting to migrate to other countries and internally displaced will be explored. The course will review how the smuggling of migrants can lead to human trafficking and propose alternate strategies for identifying smuggled migrants and preventing them from being exploited in human trafficking and other transnational crime.

## WJST-P449 Ht Grant Managemen 3 Credits

The issues around human trafficking grant writing and management will be addressed. Federal, State and Foundation grant opportunities will be discussed. Topics explored will include finding grant opportuntiites, how to effectively write grants that address the topics solicited, submission of grants, and how to manage grants received for anti-trafficking efforts. Students will determine different types of collaborative strategies to enhance grant submissions and how to build effective partnerships to enhance grant writing and management efforts.

## WJST-PNC345 Human Trafficking 0 Credits

This course addresses trafficking based on the U.S. State Department model of Prevention, Protection, and Prosecution. Explores how trafficking happens, why it happens, and what can be done about it. For students interested in combatting human trafficking, this course offers a better understanding of professional career choices, as well as volunteer opportunities. The course includes guest speakers with indepth knowledge and experience in the field from law enforcement and victim services. Counts as elective toward Women \& Justice Minor. Terms Typically Offered: Fall, Spring, and Summer.

## WJST-PNC430 Csec 0 Credits

While discussing the theories of child development, early childhood trauma, and the stages of change, a key of the CSEC curriculum will be to identify strategies for early intervention with at-risk and vulnerable youth.

## WJST-PNC432 Sex Trafficking 0 Credits

Topics examined will include understanding sex trafficking and its dynamics, prevention strategies, protection of victims, investigation and prosecution of cases using laws and policies regarding sex trafficking.

## WJST-PNC434 Human Trafficking and Demand 0 Credits

Topics examines will include understanding types of demand, how demand impacts the extent of human trafficking, prevention strategies, protection of victims, investigation and prosecution of cases and policies regarding those who demand various linds of human trafficking.

## WJST-PNC435 Human Trafficking Surv. Care 0 Credits

In light of best practices, this course seeks to equip students with the knowledge needed to understand the holistic needs of human trafficking survivors as they begin their aftercare and restoration process.

WJST-PNC437 Human Trafficking and Collaborations 0 Credits
Students will investigate different types of collabrative strategies, and how to build effective partnerships to enhance anti-trafficking efforts, both domestically and internationally.
Prerequisite: WJST-345

## WJST-PNC439 Human Trafficking Prevention 0 Credits

Students will explore different types of prevention challenges and models and determine which prevention activities and processes may enhace anti-traffikcing efforts in their locations and areas of expertise.

## WJST-PNC440 Ethics \& Human Trafficking 0 Credits

Students will investigate the responsibility of business, consumers and media through the lents of a biblical ethics framework related to Human Dignity and Purpose in relation to trafficking.
Terms Typically Offered: Fall, Spring, and Summer.

## WJST-PNC442 Faith-Based Responses to Ht 0 Credits

Students will explore faith-based organizations' (FBOs) roles in antihuman trafficking collaborations, how they can contribute to prevention, protection of survivors and human trafficking investigations and prosecutions at local and global levels.

## WJST-PNC444 Ht Investigations 0 Credits

Topics examined will include understanding investigations, how they can impact human trafficking efforts, protection and invterviewing of victims, how investigations inform effective prosecution of cases and policies regarding investigating human trafficking situations.

## WJST-PNC445 Labor Traffcking 0 Credits

The issues around human trafficking and the smuggling of migrants will be explored and discussed. Risk factors and circumstances leading to populations being vulnerable to being exploited while attempting to migrate to other countries and internally displaced will be explored. The course will review how the smuggling of migrants can lead to human trafficking and propose alternate strategies for identifying smuggled migrants and preventing them from being exploited in human trafficking and other transnational crime.

## WJST-PNC447 Ht \& Smuggling of Migrants 0 Credits

## WJST-PNC449 Ht Grant Management 0 Credits

The issues around human trafficking grant writing and management will be addressed. Federal, State and Foundation grant opportunities will be discussed. Topics explored will include finding grant opportuntiites, how to effectively write grants that address the topics solicited, submission of grants, and how to manage grants received for anti-trafficking efforts. Students will determine different types of collaborative strategies to enhance grant submissions and how to build effective partnerships to enhance grant writing and management efforts.
WJST-110 Introduction to Women and Justice 2 Credits
An introductory course to the study of women and contemporary gender issues in society. This course will focus on such issues as the necessity for the study of women, gender as a cultural construct, theological interpretations of gender, and gender as perceived in history and literature. This course is part of the core requirement for a minor in Women \& Justice Minor.
Terms Typically Offered: Spring.

## WJST-212 Ensure Justice Conference Studies 1 Credit

Students are required to attend one conference sponsored by the Global Center for Women and Justice. A faculty member in the discipline covered by the conference theme will determine course work. May be repeated for credit.

## WJST-345 Human Trafficking 3 Credits

This course addresses trafficking based on the U.S. State Department model of Prevention, Protection, and Prosecution. Explores how trafficking happens, why it happens, and what can be done about it. For students interested in combatting human trafficking, this course offers a better understanding of professional career choices, as well as volunteer opportunities. The course includes guest speakers with indepth knowledge and experience in the field from law enforcement and victim services. Counts as elective toward Women \& Justice Minor. Terms Typically Offered: Fall, Spring, and Summer.

## WJST-410 Research in Women's Studies 3 Credits

This course is designed to assist the student in integrating the multi-faceted aspects of women's issues into a final paper. Working in cooperation with the professor, the student will design and methodically research and write a major paper that reflects an advanced understanding of women in the context of the chosen subject area. Papers from this class will be presented in a public colloquium toward the end of the semester and submitted for publication.
Prerequisite: WJST-110, WJST-212

WJST-420 Country Study Abroad: [Topical Area] 3 Credits
Country study abroad opportunities provide intensive examinations of human trafficking in specific countries. The course requires a brief survey of the region with a focus on contemporary human trafficking and slavery as well as a review of relevant causes of exploitation specific to nations. Course work will be completed online and with in-country practicum designed to reinforce learning objectives. This course may be repeated for credit in new contexts. Additional fees will be required.
Prerequisite: WJST-110 and approval of the GCWJ Office.
WJST-430 Commercial Sexual Exploitation of Children 3 Credits While discussing the theories of child development, early childhood trauma, and the stages of change, a key of the CSEC curriculum will be to identify strategies for early intervention with at-risk and vulnerable youth. Prerequisite: WJST-345 or consent of instructor

## WJST-432 Sex Trafficking 3 Credits

Topics examined will include understanding sex trafficking and its dynamics, prevention strategies, protection of victims, investigation and prosecution of cases using laws and policies regarding sex trafficking.

## WJST-434 Human Trafficking and Demand 3 Credits

Topics examines will include understanding types of demand, how demand impacts the extent of human trafficking, prevention strategies, protection of victims, investigation and prosecution of cases and policies regarding those who demand various linds of human trafficking. Prerequisite: WJST-345

## WJST-435 Human Trafficking Survivor Care 3 Credits

In light of best practices, this course seeks to equip students with the knowledge needed to understand the holistic needs of human trafficking survivors as they begin their aftercare and restoration process. Prerequisite: WJST-345 or consent of instructor

## WJST-437 Human Trafficking and Collaborations 3 Credits

Students will investigate different types of collabrative strategies, and how to build effective partnerships to enhance anti-trafficking efforts, both domestically and internationally.
Prerequisite: WJST-345

## WJST-439 Human Trafficking Prevention 3 Credits

Students will explore different types of prevention challenges and models and determine which prevention activities and processes may enhace anti-traffikcing efforts in their locations and areas of expertise.

## Prerequisite: WJST-345

## WJST-440 Ethics \& Human Trafficking 3 Credits

Students will investigate the responsibility of business, consumers and media through the lents of a biblical ethics framework related to Human Dignity and Purpose in relation to trafficking.
Prerequisite: WJST-345 or consent of instructor
Terms Typically Offered: Fall, Spring, and Summer.
WJST-442 Faith-Based Reponse to Human Trafficking 3 Credits
Students will explore faith-based organizations' (FBOs) roles in antihuman trafficking collaborations, how they can contribute to prevention, protection of survivors and human trafficking investigations and prosecutions at local and global levels.
Prerequisite: WJST-345

WJST-444 Ht Investigations 3 Credits
Topics examined will include understanding investigations, how they can impact human trafficking efforts, protection and invterviewing of victims, how investigations inform effective prosecution of cases and policies regarding investigating human trafficking situations.
Prerequisite: WJST-345

## WJST-445 Labor Trafficking 3 Credits

The issues around labor trafficking will be explored. Both domestic an international labor trafficking will be discussed. Topics examined will include the extent of the problem and its relation to other forms of human trafficking, prevention strategies, protection of victims, investigation and prosecution of cases, policies regarding labor trafficking, and partnerhips and collaborations impacting labor trafficking locally and globally. Prerequisite: WJST-345 or consent of instructor
Terms Typically Offered: Fall, Spring, and Summer.

## WJST-447 Human Trafficking/Smuggling of Migrants 3 Credits

 The issues around human trafficking and the smuggling of migrants will be explored and discussed. Risk factors and circumstances leading to populations being vulnerable to being exploited while attempting to migrate to other countries and internally displaced will be explored. The course will review how the smuggling of migrants can lead to human trafficking and propose alternate strategies for identifying smuggled migrants and preventing them from being exploited in human trafficking and other transnational crime.Prerequisite: WJST-345
WJST-449 Human Trafficking Grant Management 3 Credits
The issues around human trafficking grant writing and management will be addressed. Federal, State and Foundation grant opportunities will be discussed. Topics explored will include finding grant opportuntiites, how to effectively write grants that address the topics solicited, submission of grants, and how to manage grants received for anti-trafficking efforts. Students will determine different types of collaborative strategies to enhance grant submissions and how to build effective partnerships to enhance grant writing and management efforts.

## Prerequisite: WJST-435

WJST-450 Global Center for Women and Justice Internship 1-3 Credits Students select an internship from the repertoire of projects the Global Center for Women and Justice is currently working on. Students may alternatively choose an externship with one of GCWJ's partner organizations. Students earn one course of credit for every 30 hours of interning. Course credit also requires short readings and reflection papers. Course may be repeated once. Students need to be on the WJST Minor track.

WJST-452 Women's Studies Teaching Internship 1-3 Credits Regular hours each week for classes and/or meetings are established at the beginning of the semester. The intern will assist the instructor in course-related activities. May be repeated for a maximum of 3 units. Open to juniors or seniors with a GPA or 3.0 or above with the permission of the instructor.
Prerequisite: WJST-110

## WJST-455 Research Assistantship 1-3 Credits

The undergraduate research assistantship engages students in original research projects of the faculty or student's own design. Its aim is to apply those skills learned in prior research design and methodology coursework and/or expand on these as appropriate to the student's skill set. The student assistant will be assigned to work on various steps of the research process from the formulation of the problem through the analysis of the data and preparation of the research report in written and/ or oral formats. A research agenda will be developed with each student, which then becomes the guide for the class. Students will meet with instructor weekly to discuss findings and progress. May be repeated for credit up to 6 units.
Prerequisite: WMST-110 and consent of instructor

## WJST-470 Special Topic: 3 Credits

This course concentrates on a particular issue relevant to Women's Studies students such as gender theory, gender pedagogy, women's health, women and patriarchy, women in business, or motherhood. May be repeated for credit as new course topics are developed.
Prerequisite: WJST-110

## Youth Leadership (YLST)

YLST-291 Special Topic: 1 Credit

Study of a special topic in youth leadership. May be repeated for credit.

## YLST-292 Special Topic: 2 Credits

Study of a special topic in youth leadership. May be repeated for credit.

## YLST-293 Special Topic: 3 Credits

Study of a special topic in youth leadership. May be repeated for credit.

## YLST-324 Intro/Youth Ministry 2 Credits

A development of a theology and philosophy of youth ministry with attention given to the developmental needs of adolescents as well as the character and cultivation of the youth minister.
Terms Typically Offered: Fall.

## YLST-345 Camp Leadership 3 Credits

The study of the organization and direction of various camping and recreational situations. Leadership principles are integrated into a working model of recreation and camping for both Christian and secular fields of employment.
Terms Typically Offered: Spring.

## YLST-455 Current Issues/Youth Ministry 3 Credits

An exploration of adolescent development, culture, and socialization as an integration point for effective youth ministry. Discussion of current issues in youth ministry will serve to provide students with foundations necessary for contemporary youth ministry.
Terms Typically Offered: Spring.

## YLST-460 Practicum 1-3 Credits

A learning experience which integrates classroom theory with practice through assigned responsibilities in local churches, mission fields, or other appropriate ministries under supervision by both the on-scene administrator and the religion faculty member. May be repeated for credit. Note: Application forms are available in the Department of Religion office.

## YLST-470 Special Topic: 1-3 Credits

Study of a special topic in youth leadership. May be repeated for credit.
YLST-480 Individual Studies: 1-4 Credits
May be repeated for credit.

## YLST-490 Seminar: 1-3 Credits

Mutual investigation of one topic in youth leadership studies of particular relevance to upper division religion majors. May be repeated for credit.
Terms Typically Offered: Spring.

## COURSE SEARCH

Welcome to Course Search
Use the search panel on the left to find and narrow down courses of interest.

## ARCHIVES

Catalogs include descriptions of courses, pre-requisites, and suggested programs of study for all majors.

- 2001-2002 (https://catalog.vanguard.edu/archives/VU-Catalog_2001-02.pdf)
- 1999-2001 (https://catalog.vanguard.edu/archives/VUCatalog_1999_2001.pdf)


## 2020-2024

- 2021-2022 (https://catalog.vanguard.edu/archives/2021-2022/)
- Addendum (January, 2022)
- 2020-2021 (https://catalog.vanguard.edu/archives/2020-2021/)


## 2015-2019

- 2019-2020 (https://catalog.vanguard.edu/archives/VU-Catalog_2019-20.pdf)
- 2018-2019 (https://catalog.vanguard.edu/archives/VU-Catalog_2018-19.pdf)
- 2017-2018 (https://catalog.vanguard.edu/archives/VU-Catalog_2017-18.pdf)
- 2016-2017 (https://catalog.vanguard.edu/archives/VU-Catalog-2016-17.pdf)
- 2015-2016 (https://catalog.vanguard.edu/archives/VU-Catalog_2015-16.pdf)


## 2010-2014

- 2014-2015 (https://catalog.vanguard.edu/archives/VU-Catalog_2014-15.pdf)
- 2013-2014 (https://catalog.vanguard.edu/archives/VU-Catalog_2013-14.pdf)
- 2012-2013 (https://catalog.vanguard.edu/archives/VU-Catalog_2012-13.pdf)
- 2011-2012 (https://catalog.vanguard.edu/archives/VU-Catalog_2011-12.pdf)
- 2010-2011 (https://catalog.vanguard.edu/archives/VU-Catalog_2010-11.pdf)


## 2005-2009

- 2009-2010 (https://catalog.vanguard.edu/archives/VU-Catalog_2009-10.pdf)
- 2008-2009 (https://catalog.vanguard.edu/archives/VU-Catalog_2008-09.pdf)
- 2007-2008 (https://catalog.vanguard.edu/archives/VUCatalog_2007_08.pdf)
- 2006-2007 (https://catalog.vanguard.edu/archives/VU-Catalog_2006-07.pdf)
- 2005-2006 (https://catalog.vanguard.edu/archives/VU-Catalog_2005-06.pdf)


## 1999-2004

- 2004-2005 (https://catalog.vanguard.edu/archives/VU-Catalog_2004-05.pdf)
- 2002-2004 (https://catalog.vanguard.edu/archives/VU-Catalog_2002-04.pdf)
INDEX


## A

$\qquad$9
Acader Academic Calendar ..... 6
Academic Calendar Defined ..... 35
Academic Course Numbering ..... 35
Academic Honors ..... 36
Academic Integrity and Classroom Conduct ..... 36
Academic Policies and Procedures ..... 35
Academic Policy Exception ..... 40
Academic Probation and Disqualification ..... 40
Academic Programs ..... 62
Academic Support Services ..... 55
Accounting (ACCT) ..... 363
Accounting B.A. ..... 148
Actuarial Science B.S ..... 223
Administration and Faculty ..... 354
Admissions - Graduate Programs ..... 21
Admissions - Professional Studies and Non-Traditional Education ..... 19
Admissions - The College ..... 17
Admissions Information ..... 17
Anthropology (ANTH) ..... 364
Anti-Human Trafficking Certificate ..... 314
Archives ..... 468
Art (ART) ..... 365
Arts and Fine Arts ..... 73
B
Biblical Interpretation (BINT) ..... 365
Biblical Languages (BLAN) ..... 365
Biochemistry B.S ..... 198
Biology B.S. ..... 184
Biology B.S. with a Concentration in Biomedical ..... 186
Biology B.S. with a Concentration in Biotechnology ..... 187
Biology B.S. with a Concentration in Neurobiology ..... 188
Biology B.S. with an Education Minor (VISTA) ..... 190
Biology (BIOL) ..... 366
Biology Minor ..... 192
Biotechnology B.S./M.S. (4+1) ..... 251
Biotechnology (BIOT) ..... 372
Biotechnology M.S. (2Yr) ..... 253
Business Administration B.A. ..... 150
Business Administration B.A. ..... 171
Business (BUSN) ..... 373
Business Concentration Options (All Majors) ..... 151
Business Concentration Options (All Majors) ..... 173
Business Minor ..... 152
Business Minor ..... 174
Business: InfoSys - SPS (BUIS) ..... 375
C
California Preliminary Credential Program ..... 136
Chemistry B.S. ..... 200
Chemistry B.S. with an Education Minor (VISTA) ..... 201
Chemistry (CHEM) ..... 375
Chemistry Minor ..... 203
Christian Formation Studies (CFST) ..... 379
Church History (CHIS) ..... 379
Church Leadership Graduate (CLSG) ..... 380
Class Attendance Policy ..... 41
Clinical Psychology M.S ..... 290
Commencement Ceremony Participation and Degree Completion ..... 42
Communication B.A. with a Concentration in Communication Studies . ..... 160
Communication B.A. with a Concentration in Film and Visual Storytelling161
Communication B.A. with a Concentration in Health Communication ..... 163
Communication B.A. with a Concentration in Public Relations ..... 164
Communication B.A. with a Concentration in Technology and Emerging Media ..... 166
Communication (COMM) ..... 382
Communication Minor ..... 167
Computer Science B.S ..... 224
Core Curriculum (CORE) ..... 387
Core Curriculum (Traditional Undergraduate College) ..... 62
Course Repeat Policy ..... 43
Course Search ..... 467
Courses A-Z ..... 362
Credit by Testing, Extension and Examination ..... 43
Credit Hour Policy ..... 43
Criminology and Criminal Justice Minor ..... 275
Cross Registration ..... 43
D
Data Science B.S ..... 226
Degree Nomenclature ..... 44
Degree Requirements for Graduation ..... 44
Degrees Granted ..... 45
Department of Biological Sciences ..... 178
Department of Business and Management ..... 144
Department of Business and Management (Professional Studies) ..... 168
Department of Chemical and Environmental Sciences ..... 192
Department of Communication ..... 154
Department of English ..... 74
Department of History and Political Science ..... 256
Department of Kinesiology ..... 205
Department of Liberal Studies (Education) ..... 82
Department of Mathematics and Physical Sciences ..... 213
Department of Music ..... 91
Department of Nursing (College) ..... 232
Department of Nursing (RN-BSN) ..... 238
Department of Psychology ..... 264
Department of Psychology ..... 279
Department of Sociology ..... 270
Department of Theatre Arts ..... 105
Department of Theology (College) ..... 301
Department of Theology (Graduate) ..... 327
Department of Theology (Professional Studies) ..... 324
Distance Learning Student Complaint Process ..... 54
Diversity/Multicultural Exposure Course Requirement ..... 45
Division of Arts, Education and Humanities ..... 72
Division of Business and Communication ..... 143
Division of Natural, Physical and Health Sciences ..... 177
Division of Social and Behavioral Sciences ..... 255
Division of Theology ..... 301
E
Early Childhood B.A.124
Early Childhood B.A. with a Concentration in Special Education ..... 126
Early Childhood B.A. with a Concentration in STEM/STEAM ..... 127
Early Childhood Certificate ..... 127
Early Childhood Education (ECED) ..... 388
Early Childhood Education Minor ..... 127
Early Childhood Program ..... 119
Education and Training Benefits for Veterans ..... 22
Education Grad (EDUG) ..... 392
Education M.A. ..... 138
Elementary Education Minor ..... 87
Engineering Physics B.S ..... 227
English B.A with Integrated Teacher Education Program (ITEP) ..... 78
English B.A. ..... 79
English (ENGL) ..... 395
English Minor ..... 81
English Minor in Journalism and Digital Media ..... 81
English Subject Matter Preparation (Teaching Credential) ..... 82
Enrollment Status Definitions ..... 46
Environmental Sciences B.S. ..... 203
Environmental Sciences (ENVR) ..... 398
F
Finance (FINC) ..... 399
Financial Aid ..... 26
Financial Aid Sources ..... 26
Financial Information ..... 26
Financial Payment Information and Policies ..... 33
Fine Arts (FINA) ..... 400
G
General Education (School for Professional Studies) ..... 65
General Expectations of the Vanguard Community ..... 56
General University Information ..... 13
Grade Appeal Policy and Procedure ..... 46
Grade Change Policy ..... 47
Grading System ..... 47
Graduate Certificate in Intercultural and Inclusive Leadership ..... 298
Graduate Certificate in Organizational Consulting ..... 298
Graduate Certificate in Talent Development and Organizational Analysis298
Graduate Financial Aid Opportunities ..... 29
Graduate Program in Clinical Psychology ..... 283
Graduate Program in Education ..... 129
Graduate Program in Nursing ..... 241
Graduate Program in Organizational Psychology ..... 292
Graduate Programs ..... 128
Graduate Programs ..... 241
Graduate Programs ..... 283
Graduate Programs in Biotechnology ..... 249
Graduate Studies ..... 349
Graduation Application ..... 48
HHistory and Political Science B.A.262
History and Political Science ITEP B.A. ..... 260
History and Political Science Minor ..... 263
History (HIST) ..... 400
History of Vanguard University ..... 13
Home ..... 5
Human Development Minor ..... 281
Humanities (HUMA) ..... 402
I
Identity Statement ..... 13
Incomplete Grades ..... 48
Industrial-Organizational Psychology M.S. ..... 299
Institutional Accreditation ..... 14
Intercollegiate Athletics ..... 56
Intercultural Studies (ICST) ..... 403
Interdisciplinary Programs (Traditional Undergraduate College) ..... 70
International Students ..... 22
KKinesiology B.S. with a Concentration in Health and Human Performance210
Kinesiology B.S. with a Concentration in Pre-Health Professions ..... 211
Kinesiology (KINE) ..... 404
Kinesiology Minor ..... 213
L
Leadership Studies M.A. ..... 337
Leave of Absence Policy and Withdrawal from the University Policy ..... 48
Liberal Studies B.A. ..... 87
Liberal Studies B.A. Integrated Teacher Education Program (ITEP) ..... 89
Liberal Studies (EDUC) ..... 408
Liberal Studies Minor ..... 128
Location and Campuses ..... 14
M
Management B.A ..... 174
Management (MNGT) ..... 412
Marketing B.A ..... 152
Marketing (MRKT) ..... 414
Mathematics B.S ..... 228
Mathematics B.S. with an Education Minor (VISTA) ..... 230
Mathematics (MATH) ..... 415
Mathematics Minor ..... 231
Mathematics Teaching Credential ..... 232
Ministry \& Leadership - SPS (MILD) ..... 417
Mission, Vision and Values ..... 13
Music B.A. ..... 99
Music B.A. with a Concentration in Worship Leadership ..... 100
Music B.M. (Pre-Teacher Certificate) ..... 102
Music Instruction (MUSI) ..... 423
Music Jazz (MUJZ) ..... 426
Music Minor ..... 105
Music (MUSC) ..... 418
Music Performance (MUPF) ..... 426
N
New Testament - Graduate (NTG) ..... 427
New Testament (NT) ..... 426
Nursing - PreLicensure (NRS) ..... 428
Nursing B.S.N. (Pre-Licensure) ..... 235
Nursing B.S.N. (RN to BSN) ..... 240
Nursing M.S.N. ..... 246
Nursing (NURS) ..... 430
Nursing R.N to M.S.N. ..... 247
0
Off Campus Study Programs ..... 70
Old Testament (OT) ..... 434
Old Testament-Graduate (OTG) ..... 435
Organizational Psychology M.A. ..... 300
P
Pastoral Leadership Studies (PLST) ..... 436
Philosophy (PHIL) ..... 437
Physical Science (PSCI) ..... 438
Political Science (POLS) ..... 439
Post-Master's Clinical Nurse Specialist Certificate ..... 248
Post-Master's Psych/Mental Health Nurse Practitioner (PMHNP) ..... 248
Pre-Law Studies Minor ..... 263
Prior Learning Assessment ..... 49
Professional Studies ..... 278
Professional Studies and Non-Traditional Education ..... 118
Professional Studies and Non-Traditional Education ..... 168
Professional Studies and Non-Traditional Education ..... 237
Programs Offered ..... 360
Psychology B.A ..... 268
Psychology B.A ..... 281
Psychology Minor ..... 270
Psychology (PSYC) ..... 441
Psychology-Clinical-Graduate (PSYG) ..... 445
Psychology-Organizational-Grad (PSOG) ..... 447
Psychology-SPS (PSYD) ..... 449
Public Health Minor ..... 276
Public Policy Minor ..... 264
Public Relations Minor ..... 167
R
Registration and Course Enrollment ..... 49
Release of Student Records ..... 51
Religion Thesis-Graduate (RELG) ..... 450
S
School for Professional Studies Financial Aid Opportunities ..... 29
Social Work Minor ..... 276
Sociology B.A ..... 277
Sociology Minor ..... 278
Sociology (SOC) ..... 45
Student Academic Honor Societies ..... 51
Student Academic Load ..... 51
Student Success Resources ..... 55
Students Rights and Grievance Policies and Procedures ..... 52
T
Teacher Advancement Program ..... 140
The College ..... 72
The College ..... 143
The College ..... 177
The College ..... 255
The School for Professional Studies ..... 348
Theatre Arts B.A. with a Concentration in Musical Theatre ..... 111
Theatre Arts B.A. with a Concentration in Stage and Screen Acting/Directing114
Theatre Arts B.A. with a Concentration in Technical/Design ..... 116
Theatre Arts Minor ..... 118
Theatre Arts (THEA) ..... 455
Theology B.A. with a Concentration in Biblical Studies ..... 316
Theology B.A. with a Concentration in Christian Formation and Discipleship ..... 317Studies
Theology B.A. with a Concentration in General Christian Studies ..... 318
Theology B.A. with a Concentration in Intercultural Studies ..... 320
Theology B.A. with a Concentration in Ministry and Leadership ..... 326
Theology B.A. with a Concentration in Pastoral Leadership Studies ..... 321
Theology B.A. with a Concentration in Youth Leadership ..... 323
Theology M.A. ..... 345
Theology Minor ..... 324
Theology Minor ..... 324
Theology Minor ..... 327
Theology (THEO) ..... 460
Theology-Graduate (THOG) ..... 461
Traditional Undergraduate Financial Aid Opportunities ..... 30
Transitional Kindergarten Certificate ..... 128
U
Undergraduate Class Standing ..... 54
Undergraduate Student Life in the College ..... 57
University Institutes and Centers for Learning ..... 15
University Structure ..... 10
University Student Services ..... 59
V
Vanguard Board of Trustees ..... 353
Vanguard University Scholars Program (Traditional Undergraduate College) ..... 71
W
Withdrawal and Return to Title IV Funds (R2T4) Policy ..... 31
Women and Justice Studies (WJST) ..... 462
Writing Standards (School for Professional Studies) ..... 71
Y Youth Leadership (YLST) ..... 465 UNIVERSITY


[^0]:    Upper Division (8 Week Courses):
    ECED-405 Advanced Curriculum Design and Development in 3 Early Childhood Education

