catalog
19/20
VANGUARD
UNIVERSITY

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HOME

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 effected 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.

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http://www.vanguard.edu

VANGUARD UNIVERSITY

ACADEMIC CALENDAR

2019-2020 Academic Year

This calendar is subject to change by University Administration. Questions, contact the Registrar's Office at (714) 662-5201 or via email at records@vanguard.edu

The College and Graduate Programs [1,2]

Fall Semester, 2019

Month	Date	Event
Aug.	23	Residence Facilities Open for New Students, Friday
	23-25	Welcome Weekend: New Student Orientation, Friday-Sunday
	24-25	Residence Facilities Open for Returning Students
	26	First Day of Fall Term/Classes Begin, Monday
	27	Convocation, Tuesday
Sept.	3	Labor Day Holiday (No Classes, University Offices Closed), Monday
	6	Last Day to Add New Courses, Friday
	6	Last Day to Drop a Course without it Appearing on Transcripts, Friday
Oct.	18	Last Day to Drop a Course without Academic Penalty, Friday
Nov.	18-22	Academic Registration for Continuing Undergraduate Students, Monday-Thursday
	18-22	Academic Registration for Continuing Graduate Students, Monday-Thursday
	27-29	Thanksgiving Holiday (No Classes, University Offices Closed), Wednesday-Friday
Dec.	9	Last Day of Classes, Monday
	10-13	Final Examinations, Tuesday-Friday
	13	Residence Halls close for Christmas, Friday
	14	Last Day of Fall Term
	24-31	Christmas Holiday (Offices Closed)

Spring Semester, 2020

Month	Date	Event
Jan.	1	New Year's Holiday (Offices Closed)
	10	Residence Facilities Open for New Students, Friday
	10	New Student Orientation, Friday-Sunday
	11-12	Residence Facilities Open for Returning Students, Saturday-Sunday
	13	First Day of Spring Term/Classes Begin, Monday
	20	Martin Luther King Jr. Holiday (No Classes, University Offices Closed), Monday
	24	Last Day to Add New Courses, Friday
	24	Last Day to Drop a Course without it Appearing on Transcripts, Friday
Feb.	17	President's Day Holiday (No Classes, University Offices Closed), Monday
Mar.	6	Last Day to Drop a Course without Academic Penalty, Friday
	16-20	Spring Recess (No Classes), Monday-Friday
Apr.	10	Good Friday (No Classes, University Offices Closed) Friday
	13-16	Academic Registration for Continuing Undergraduate Students, Monday-Friday
	20-24	Academic Registration for Continuing Graduate Students, Monday-Friday
	23	University Awards Chapel, Thursday
	30	Last day of Classes, Thursday
May	1-6	Final Examinations, Friday-Wednesday
	8	Last Day of Spring Term, Wednesday
	7	Commencement, Thursday
	8	Move-out Day for Non-Graduating Students, Friday
	8	Move-out Day for Graduating Seniors, Saturday

Summer Sessions 2020

Month	Date	Event
May	11-August 22	Full Summer Term Dates
May	11-29	Session I
	25	Memorial Day Holiday (University Offices Closed), Monday
June	1-19	Session II
June	22-July 10	Session III
July	3	Independence Day Observed (No Classes, Offices Closed)
	4	Independence Day

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

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[2] Graduate program deadline dates may vary depending on instructional delivery method.

Professional Studies

Fall Semester 2019

Month	Date	Event
		Financial Registration for Fall 2019 – returning and new students must be financially registered for all Fall semester courses by two Fridays prior to their first semester course.
Aug.	26-29	**Session 1 Begins** - First five-week session
	26-29	**Session 1 Begins** - First seven-eight week session
	30	Last day to add new courses (1st module in-person and online classes)
Sept.	1	Last day to drop courses without appearing on transcript (online classes)
	2	Labor Day Holiday (No Classes, University Offices Closed)
	2-5	Lst day to drop courses without appearing on transcript (in-person course)
	15	Last day to drop course without academic penalty (online courses)
	16-19	Last day to drop course without academic penalty (in person courses)
	30 - Oct. 3	**Session 2 Begins** - Second five week session begins
Oct.	4	Last day to add new courses
	7-10	Last day to drop courses without appearing on transcript
	21-24	**Session 2 Begins** - Second seven-eight week session begins
	25	Last day to add new course
	27	Last day to drop courses without appearing on transcript (online classes)
	28-31	Last day to drop courses w/o appearing on transcript (in-person classes)
Nov.	4-7	**Session 3 Begins** - Third five-week session begins
	8	Last day to add new courses
	11-14	Last day to drop course without academic penalty (in-person classes)
	11-14	Last day to drop courses without appearing on transcript
	11-14	Academic Registration for Spring & Summer 2020 – Returning Students
	27-29	Thanksgiving Holiday (No Classes; Unviersity Offices Closed Nov. 21-23)
		Financial Registration for Spring 2020 – returning and new students must be financially registered for all Spring semester courses by two Fridays prior to their first semester course.
Dec.	2-5	Last day to drop course without academic penalty
	10-13	Last Week of Classes
	14	Last day of Fall Term
	24-31	Christmas Holiday (University Offices Closed)

Spring Semester 2020

Month	Date	Event
Jan.	1	New Year's Day Observed (University Offices Closed)
	TBA	Orientation for New Session 1 Students
	13-16	**Session 1 Begins** - First five week session begins
	13-16	**Session 1 Begins** - First seven-eight week session begins
	17	Last day to add new courses
	20	Martin Luther King, Jr. Holiday (Classes in Session, University Offices Closed)
	20-23	Last day to drop courses without appearing on transcript (online & in-person classes)
Feb.	TBA	Orientation for New Session 2 Students
	2	Last day to drop courses without academic penalty (online classes)
	3-6	Last day to drop course without academic penalty (in-person classes)
	17	President's Holiday (Classes in session, University Offices Closed)
	17-20	**Session 2 Begins** - Second five week session begins
	21	Last day to add new courses
	24-27	Last day to drop courses without appearing on transcript
Mar.	9-12	Last day to drop course without academic penalty
	9-12	**Session 2 Begins** - Second seven-eight week session begins

	13	Last day to add new course (2nd mod 7-8 week in-person and online classes)
	16-20	Spring Recess, No Classes
	22	Last day to drop courses without appearing on transcript (online classes)
	23-25	Last day to drop courses without appearing on transcript (in-person classes)
	30 - Apr 2	**Session 3 Begins** - Third five week session begins
Apr.	3	Last day to add new courses
	5	Last day to drop courses without academic penalty (2nd module online classes)
	6-9	Last day to drop course without academic penalty (2nd mod. 7-8 week in-person classes)
	6-9	Last day to drop courses without appearing on transcript (3rd module classes)
	10	Good Friday (No Classes, Offices Closed)
		Financial Registration for Summer 2020– returning and new students must be financially registered for all Summer semester courses by two Fridays prior to their first semester course
	13-17	Academic Registration for Fall 2020 – Returning Students
	29 - May 3	Last week of Classes
	20-23	Last day to drop courses without academic penalty (3rd module in-person classes)
	23	Graduate Celebration Ceremony
	30	Last day of classes
May	TBA	Baccalaureate
	6	Last day of Spring Term
	6	Nursing Pinning Ceremony
	7	Commencement

Summer Semester 2019

Month	Date	Event
May	11-14	**Session 1 Begins**
	25	Memorial Day Holiday (Classes in Session, University Offices Closed)
June	15-18	**Session 2 Begins**
July	3	Independence Day Observed (Classes in Session, University Offices Closed)
	20-23	**Session 3 Begins**
		Financial Registration for Fall 2020 – returning and new students must be financially registered for all Fall semester courses by two Fridays prior to their first semester course.
Aug.	21	Last day of Summer Term and Classes

GENERAL INFORMATION

University Mission, Vision and Identity Statement

Michael J. Beals, Ph.D., *President*

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.

The vision of Vanguard University is to be a nationally recognized leader in Christian higher education by cultivating academic excellence, character development and global perspective as seeds of greatness in the life of every student.

Affiliated with the Assemblies of God in Southern California, the university embraces the Assemblies of God doctrinal statement and its Pentecostal heritage of Spirit-empowered 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.

Overview

Vanguard University (VU) 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. 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

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 more than ninety 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.

Institutional 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.

Institutional Learning Outcomes

Vanguard University has six Institutional Learning Outcomes to demonstrate core competencies: integration of faith and learning, cultural competency and citizenship, communication, critical thinking, holistic living, and information competency. Further discussion can be found in the Core Curriculum section of this catalog.

Faith Confession

As a Christian comprehensive university of liberal arts and professional studies, informed by its evangelical persuasion and Pentecostal heritage, aligned with the General Council for the Assemblies of God (Springfield, MO), Vanguard University affirms the following confession of faith.

We believe . . .

- the Bible to be the inspired and only infallible and authoritative Word of God.
- that there is one God, eternally existent in three persons: God the Father, God the Son, and God the Holy Spirit.
- in the deity of our Lord Jesus Christ, in his virgin birth, in his sinless life, in his miracles, in his vicarious and atoning death, in his bodily resurrection, in his ascension to the right hand of the Father, and in his personal, future return to this earth in power and glory to rule over the nations.
- that the only means of being cleansed from sin is through repentance and faith in the precious blood of Christ.
- that regeneration by the Holy Spirit is absolutely essential for personal salvation.
- that the redemptive work of Christ on the cross provides healing of the human body in answer to believing prayer.
- that the baptism in the Holy Spirit, according to Acts 2:4, is given to believers who seek it.
- in the sanctifying power of the Holy Spirit by whose indwelling the Christian is enabled to live a holy life.
- in the resurrection of both the saved and the lost, the one to everlasting life and the other to everlasting damnation.

Religious Expression Disclosure

Vanguard University (VU) 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. VU is a community that encourages individual integrity and responsibility in accordance with biblical Christianity and its social and ethical implications.

VU 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 Southern California Network of the Assemblies of God, VU 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, and employee hiring and general employment practices. VU 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

21st 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 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."

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 (http://www.ccneaccreditation.org/) for the baccalaureate and master's degree programs in Nursing.
- National Association of Schools of Theatre (NAST) (https://nast.arts-accredit.org/)
- National Association of Schools of Music (NASM) (https://nasm.arts-accredit.org/)

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

Institutional Affiliations

Vanguard University holds institutional membership with the following associations: Association of Governing Boards (AGB) (https://orientation.agb.org/about-us/); 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/); 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).

Location

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.

Campus and Buildings

The main university campus, located in Costa Mesa, California, 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, Psychology and Social Science Offices, Fine Arts Offices, Lyceum Studio Theatre, Natural Science Offices with laboratories for the physical and biological sciences,

Gymnasium, Dining Commons, and Bookstore, Information Technology and Mailroom & Copy Center, Human Resources, Facilities Building, and a series of Athletic fields hosting the baseball, softball, soccer, and sand volleyball programs. Additionally, the university campus has five residence facilities: Balboa Hall, Catalina Hall, Huntington Hall, Laguna Hall, and Newport Hall. Vanguard Centre, comprised of four separate residence buildings, is in close proximity to the University campus, also provides an opportunity for student housing. In addition to the main campus, additional locations for academic and administrative programs include Bakersfield, Fullerton, and Santa Ana, California.

University Institutes and Centers

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 21st century. In casting the vision of its preferred future as a leading Christian university, VU 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 VU 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

The Global Center for Women and Justice exists to advance the global status of women through *education, advocacy,* and *collaboration.* The Center promotes gender reconciliation and the inherent dignity of all persons. Through education, the Center promotes the importance of delivering evidence-based knowledge in various formats that will effect change in global culture to empower women in leadership, economic justice, and reduce endemic violence against women. Through advocacy, the Center recognizes that knowledge leads to praxis and works on behalf of marginalized and victimized women at home and globally to promote dignity, value, and justice. Through collaboration, the Center builds community relationships and provides resources to network with others to advance the global status of women and justice.

The Judkins Institute for Leadership Studies

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

Our Mission

The Judkins Institute for Leadership Studies promotes leadership, which develops the spirit, character and ethics of purposeful and transformative organizations.

Our Vision

We strive 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.

Our Strategic Priorities

In collaborating with leadership partners in business, community and religious organizations; we:

1. conduct research;
2. promote the formation of leaders; and
3. 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 Professor Lewis Wilson, who retired at the end of the 1994-95 academic year after offering twenty-eight years of service at the College, and over forty years of continuous service as an Assemblies of God and Pentecostal educator.

UNIVERSITY POLICIES

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 fifteen weeks or one semester, or an equivalent quantity of work over a term of different length (intensive, accelerated, online courses, etc.).

An equivalent quantity of work may also be achieved by other academic activities established by the University, including internships, laboratory work, practica, studio work, and any other academic work leading to the award of credit hours. With regard to clinical or laboratory hours, the appropriateness of a clinical hour may be based on each program's specialty accreditation agency criteria, within the context of program and institutional learning outcomes.

This is in line with the Department of Education's Policy #600.2.

Grade Appeals

No course grade may be appealed more than one year 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:

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.

A student wishing to contest a course grade should first seek an explanation from the faculty member assigning the grade. If the faculty member approved a course grade change, the faculty member shall submit a grade change to the Office of the Registrar and shall provide a written notification of the decision to the student.

Should the faculty member 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 faculty member. If the faculty member 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 the grade change to the Office of the Registrar and shall provide a written notification of the decision to the faculty member and the student. Should the faculty member be the academic administrator, the student may appeal the course grade to the appropriate academic 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 academic 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 Dean shall submit a grade change to the Office of the Registrar and shall provide a written notification of the decision to the faculty member, the academic administrator, and the student. Should the faculty member be the Dean, the student may appeal the grade to the Provost.

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

Grade Change Policy

Grades submitted by faculty to the Office of the Registrar are considered final. Students who believe a grade was assigned in error must contact the instructor of the course to review their records. Submission of a grade change to the Office of the Registrar can be made by the faculty member no later than two semesters following the term in which the grade was originally assigned. Requests for exceptions to this policy must be made to the appropriate Dean. Instructors are under no obligation to accept late or additional work.

Grievance Rights and Procedure

Vanguard University subscribes to the principle of equal educational opportunity, regardless of gender (cf. Title IX of 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.

Release of Student Records

A student may not receive any diploma, certificate, or transcript until all financial obligations have been satisfied in accordance with policies described under "Costs and Payment Policies." Any diplomas, certificates, or transcripts 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.

Students who have left the University without completing their degree may reactivate their academic file in order to ascertain those requirements that remain unfulfilled. They may do so by submitting a "Request to Reactivate Student Record" form to the Office of the Registrar. A fee will be due and payable at the time of the request if more than one academic year has passed since the date of last attendance at Vanguard. The file will be considered open for one calendar year from the time of reactivation.

Student Privacy Rights

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They 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.
   - 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.
   - Students may ask the University to amend a record that they believe is inaccurate or misleading. They 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.
   - If the University decides not to amend the record as requested by the student, the University will notify the student 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 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.
   - Disclosure without consent to University officials with legitimate educational interests is permitted. A University official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including Campus Safety personnel and health staff); 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.
   - 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.
   - Other exceptions that permit disclosure without consent are:

   a. 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.
   b. To parents of dependent students, as defined in section 152 of the Internal Revenue Code of 1986.
   c. To a parent or a legal guardian in connection with a health or safety emergency.
   d. 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.
   e. 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.
   f. 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.

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.

The following admissions information is specific to the traditional undergraduate programs of the University. For graduate programs admissions information, see the Graduate Studies catalog section; for Early Childhood Program and degree completion admissions information, see the Professional Studies catalog section.

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 VU with a high school grade point average of approximately 3.20. Vanguard has a preferred GPA of 2.80 for first-time freshmen, with a minimum of 2.50 required. The preferred GPA for transfer students is 2.5, with a minimum requirement of 2.0. A limited number of students who do not meet these minimum GPA requirements may be admitted on a "provisional" status. Provisional status places students on academic probation during their first semester of attendance, and requires at least a 2.0 GPA during that semester in order to continue at VU. Please note that students are not guaranteed admission by meeting minimum GPA requirements.

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 Deadlines

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 at https://fafsa.ed.gov/ 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 Freshmen

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 home-schooled 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.
3. Transcript Request Form to be submitted by the school counselor, advisor, or registrar
4. Pastoral Reference
5. Standardized Tests. All freshmen applicants are required to take either the Scholastic Aptitude Test (SAT) or the American College Test (ACT). Vanguard prefers a minimum score of 910 (combined critical reading and math sections) on the SAT or a composite score of 19 on the ACT for admission to the university. Please note admission is not guaranteed by meeting minimum test scores. Information and registration forms may be obtained from your high school counselor. The addresses for testing information are as follows:
   - American College Testing Program (ACT)
     P.O. Box 2201
     Iowa City, Iowa 52243
   - College Entrance Examination Board (SAT)
     Box 6200
     Princeton, NJ 52243

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. Transcript Request Form to be submitted by the school counselor, advisor, or registrar.
4. Pastoral Reference.
5. Standardized Tests. A student transferring from a regionally unaccredited liberal arts or Bible college must present acceptable scores on either the College Board Scholastic Aptitude Test (SAT) or American College Test (ACT). Other transfer students who have completed at least 12 units of transferable college coursework do not need to submit standardized test scores.
6. 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 124 unit hours required for graduation.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.

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.lmu.edu/afrotc/.

Army Reserve Officer Training Corps (ROTC) Agreement

Vanguard University participates in an Education Service Agreement with California State University, Fullerton 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 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 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

International students must complete the same admissions process as domestic freshmen 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. For Fall students, submit a check in U.S. dollars to cover 70% of basic costs of first academic year before the I-20 form is issued. For Spring students, submit a check in U.S. dollars to cover 100% of basic costs of the Spring semester before the I-20 form is issued.
3. TOEFL. 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.
4. Transferring. To become eligible for transfer to VU from another American college, approval must be obtained from the previous school attended and the U.S. Immigration and Naturalization Service.
5. Full-Time. International students must maintain a minimum of twelve (12) units each semester for a Bachelor degree program and a minimum of nine (9) units for a Master degree program.

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 be sent an on-campus housing form or an off-campus housing petition which is to be returned to the Undergraduate Admissions Office. 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 $400 enrollment deposit to the Undergraduate Admissions Office. This deposit is non-refundable after May 1 for Fall term applicants, and December 1 for Spring term applicants.

Student Classification in VU's Traditional Undergraduate Programs

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 twelve (12) 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.

FINANCIAL INFORMATION

Financial Aid Office

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 http://www.vanguard.edu/financialaid (http://www.vanguard.edu/financialaid/) for hours of operation and contact information.

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 online at http://www.vanguard.edu/financialaid (http://www.vanguard.edu/financialaid/).

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 http://www.vanguard.edu/financialaid/.

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 non-degree 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 half-time 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 *myVU* 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 Communications

The Financial Aid Office primarily communicates with students electronically. Students are notified of information regarding their aid application via their Vanguard University email and myVU, 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, WF, WP, CR, I, are P are considered attempted. Classes for which a student receives a letter grade of A, B, C, D, CR 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, CR 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.

Withdrawal and Return of 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

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 first-time 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:

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 WORD 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).

Professional Studies Financial Aid Opportunities

Grants and Scholarships

Cal Grant:

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.

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 500s, 600s and 700s 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 full-time 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 low-interest federal loan available to credit-worthy graduate students. Maximum award amount equals the cost of attendance minus all other aid received. Origination fee applies.

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 above are 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 online at http://www.vanguard.edu/financialaid (http://www.vanguard.edu/financialaid/). Any questions about this information can be directed to the Financial Aid Office at financialaid@vanguard.edu or call 714.966.5490.

Costs and Payment 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 and parents 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 current course schedule. 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.

Financial Registration

Financial Registration 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 financial registration purposes and selecting a semester payment option. **All students are responsible for completing Financial Registration by the published deadlines despite the receipt of an invoice, billing statement, or payment reminder.** Refer to http://www.vanguard.edu/resources/accounting/tuition-refund-policy (http://www.vanguard.edu/resources/accounting/tuition-refund-policy/) for more information.

Semester charges are payable on or before the published Financial Registration 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 Financial Registration deadline:

Option 1) Pay-In-Full: Pay the full amount referenced on your MyBill account by the published Financial Registration 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 Financial Registration 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 Financial Registration deadline. This document must be complete annually.

Please visit the following website for more information regarding Financial Registration: https://www.vanguard.edu/resources/accounting (https://www.vanguard.edu/resources/accounting/)

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, transcripts, 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.

Transcripts

There is a minimal fee per transcript. For 24-hour service, additional fees may be charged. An official transcript 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.

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.

Meals

Resident 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). Anyone 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

The following refund policies apply to the traditional undergraduate and graduate programs only. For Early Childhood Program and degree completion refund policies, see the Professional Studies catalog section.

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 following tuition refund schedule:

Full Semester Course Schedule

Date	Refund Percent
Prior to the First Class Session	100%
Through the Second Week of the Semester	100%
Through the Fourth Week of the Semester	50%
Through the Eighth Week of the Semester	25%
After the Eighth Week of the Semester	0

3-4 Week Course Schedule

Date	Refund Percent
Prior to the Second Course Meeting Date	100%
After the Second Course Meeting Date	0

5-7 Week Course Schedule

Date	Refund Percent
Prior to the Second Course Meeting Date	100%
Prior to the Third Course Meeting Date	50%
Prior to the Fourth Course Meeting Date	25%
After the Fourth Course Meeting Date	0

8-10 Week Course Schedule

Date	Refund Percent
Prior to the Second Course Meeting Date	100%
Prior to the Fourth Course Meeting Date	50%
Prior to the Fifth Course Meeting Date	25%
After the Fifth Course Meeting Date	0

8 Week ONLINE Course Schedule

Date	Refund Percent
Prior to 12:00am on Sunday of Week 2	100%
Prior to 12:00am on Sunday of Week 4	50%
Prior to 12:00am on Sunday of Week 5	25%
After 12:00am on Sunday of Week 5	0

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 Credit Balances

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 Accounting website and select "Electronic Refunds (eRefunds)" (see http://www.vanguard.edu/resources/accounting (http://www.vanguard.edu/resources/accounting/)).

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.

Orientation Fee

This fee is non-refundable.

Office of Accounting Operations Information

Location:
1st Floor of the Scott Academic Center, Suite 131
Office/ Cashier Hours:
Monday- Friday, 8 a.m. to 5 p.m.

24 hour online bill payment: MyBill

Contact Information:
Email: AccountsReceivable@vanguard.edu
Phone: (714) 966-5489
Fax: (714) 662-5233
Website: http://www.vanguard.edu/resources/accounting (http://www.vanguard.edu/resources/accounting/)

STUDENT AFFAIRS AND SERVICES

University Student Services

Mission: Student Affairs exists to shape campus culture, promote community, and to foster student success.

Career Services

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, 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. Please visit http://vanguard.edu/career (http://www.vanguard.edu/career/) for more information.

The Counseling Center

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 free of charge. Counseling appointments can be scheduled by calling (714) 662-5256, 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.

Food Services

Meals are served regularly in the Café for all students. Resident students without kitchens must participate in a board plan, and can select from several plans offered. Commuter meal plans are also offered, and individual meals may be purchased by off-campus guests. Samson's Café 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 Disability Services office.

Health Center

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 test include strep, urinalysis, influenza and TB; care for minor injuries such as sprains, contusions, wounds and more. Furthermore, we offer basic rehabilitation exercises, 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. You can reach the Health Center at 714-619-6471 or at healthcenter@vanguard.edu.

Campus Public Safety Department

The Campus Public Safety department's mission is to provide a safe and secure environment for our students, visitors, faculty, and staff. Our desire 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, valuable registration, lost and found, crime 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).

ID Card

A VU student ID Card is required for use of university services such as the library, dorms, and computer labs. ID cards are provided to the student prior to the first day of school and are to be used for the entire duration of attending the university. If an ID card is lost, a new card may be purchased for $25. 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, but clear cardholders may be purchased for $1. Please see the Information Technology Department for distribution of all ID cards.

The Veterans Resource Center

Our Veterans Resource Center (VRC) at Vanguard University has a primary mission to consistently engage our student Veterans in the pursuit of academic and personal success, this includes spouses and dependents. The Veterans Resource Center is accessible 24/7 access students who are using G.I. Benefits or Military Tuition Assistance Funds (TA). Our Veterans are engaged in activities both on and off campus.

We are a 100% Yellow Ribbon Institution with no cap on the number of student Veterans who can apply that are Yellow Ribbon eligible. The U.S. News & World Report ranked Vanguard a top 12 regional college in the west and a top Veteran-friendly college.

We recently created a Student Veterans Leadership Award for our graduating Veterans. The top three Veterans are selected by their peers and are recognized at our year-end Student Veterans Challenge Coin Ceremony, receiving monetary gifts of varying amounts.

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 to traditional undergraduate Veteran students. Our Professional Studies program has been developed with four majors consisting of 5 and 8 week cohorts which allow many of our Veterans to keep full time employment while attending class one night a week.

Vanguard University believes in building relationships immediately with our student Veterans. We have a dedicated Veterans Courtyard of Honor in the middle of campus that shows Vanguard's commitment to respecting and honoring your service to our Nation. Now we want to continue this honor by learning your story, while listening to your aspirations for your education and life after graduation.

Undergraduate Student Life

Student Learning and Development

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 so that learning is supported both in and out of the classroom. Because the University believes that personal development and education go hand in hand, a program of student development is maintained to assist students in all areas of personal growth, including their adjustment to university life.

Student Housing

The University provides comfortable accommodations for traditional undergraduate students in a home-like atmosphere at a reasonable cost. Residence facilities are maintained both on and off campus and can accommodate students in a variety of settings, including traditional and apartment housing. The Residence Life Program is supervised by the Director of Residence Life, and each residence facility is under the supervision of a professional Resident Director or Resident Coordinator. The Residence Life staff also includes Resident Assistants who are spiritually and emotionally mature students living and working in each facility to help create community among the residents.

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). Balboa, Catalina, Huntington, Laguna and Newport Halls come furnished with an extra-long twin bed, mattress, desk, chair, and a shared dresser. Vanguard Center apartments are only guaranteed to be furnished with an extra-long twin bed, mattress and a refrigerator. Students will need to provide their own linens, towels, blankets, pillow, and bedspread. Residence rooms are designed for double, triple, or quadruple occupancy.

The University reserves the right to hold periodic room inspections of the residence areas without advance notice. The residence areas are closed during Christmas break, with the exception of the off campus apartments at Vanguard Center. 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

Spiritual development and integration is a key distinctive of our Vanguard community. The Spiritual Formation Department helps guide students in their discipleship and formation as followers of Jesus, but does not exist to replace a local church community. Chapel is *not* The Church, but The Church/the people of God gather together to worship Jesus and learn from His word in Chapel. Students are encouraged to invest in a local church community and serve within a church of their choice. On campus, our community meets regularly in chapel and worship gatherings throughout the week. Students are encouraged and equipped to explore regular rhythms and practices that anchor their spiritual life. Spiritual Formation activities include chapel worship gatherings, Bible studies, pastoral Care meetings, small groups and special events in partnership with VU departments or outside Christian organizations. Through worship, prayer, Bible reading, and other spiritual practices, we hope to encourage men and women at VU to learn to model their lives around the life and ministry of Jesus. In addition to these personal and communal practices, we aim to serve others here at Vanguard, within our local community or through local and global outreach.

Chapel participation is a 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, we maintain chapel involvement as a requirement for the student experience—and take seriously this aspect of the student experience and education. If a student does not meet their chapel expectations, there will be disciplinary actions in the form of additional fines, as instituted by the University and possibly further academic and/or cocurricular restrictions.

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 Executive Vice President. Also, students may vote for specific candidates running for SGA House of Representative positions that align with their respective demographic group, such as candidates running to represent a dormitory hall or academic major. More information can be found about SGA and elections with the updated SGA Constitution, which can be found at https://vanguardsga.com/ (https://vanguardsga.com/about-2/)

The Programming Board is an organization designed to promote various student activities. Board membership represents several departments of student activity. The Programming Board plans and promotes student activities, provides leadership training opportunities, and encourages a healthy, active student culture. The Student Senate and programming Board is a part of the office of Student Engagement (OSE), is advised by the Associate Dean of students and reports to the Vice President of Student Affairs.

In addition, there are many co-curricular organizations, activities on campus, and numerous student clubs. For information about student club formation contact the Associate Dean of Students at ext. 5253.

Student Publications

The Vanguard Voice is a student publication of campus news and information of interest to the University community. Students who are interested in journalism and are enrolling for the journalism course are afforded excellent opportunities for development by joining the newspaper staff. The Vanguard Voice is a part of the English department in Academic Affairs.

Campus Recreation and Intramural Sports

Recreational and intramural opportunities are offered through VU Rec, which is a division of the Office of Student Engagement (OSE). VU Rec seeks to provide the Vanguard community opportunities to live a healthy, active lifestyle, and to promote personal development through physical activity, sport leagues and tournaments, and outdoor experiences.

VU Rec offers a variety of opportunities for participants to find the 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 hours, open recreation time in the gymnasium, and open turf time on the soccer field, as weell as hikes and guided outdoor trips. For more information regarding intramurals and recreations, please email vurec@vanguard.edu. (vurec@vanguard.edu)

Theatre Arts

Vanguard is NAST (National Association of Schools of Theatre) accredited. 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 is also active in the annual Kennedy Center American College Theatre Festival and 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.

Musical Organizations and Events

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

General Expectations of the Vanguard Community

Voluntary Commitment

These expectations apply to each student while he or she is enrolled in a University program or residing in University approved housing. 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.

Church Attendance

Even though Vanguard seeks to be a Christian community, it is not, nor can it substitute for, the Church. Therefore, students are encouraged to identify with a local church of their choice and to attend church services regularly.

Biblical standards

Students shall not participate in or associate with practices known to be morally wrong by Biblical standards.

Appearance

It is necessary to maintain some minimal regulation consistent with respect for one another and in conformity with civic health and safety codes. Students may be shoeless on lawns or in residence halls, but not in the Library, classrooms, administrative offices, or the Café. Swim wear is limited to water and shirts are to be worn in public settings. Students' casual and formal attire should reflect good taste and modesty.

Knowing Presence Contribution

Students may be held accountable for an incident if they directly participated in a violation. Students must refrain from being in an environment in which other students are violating community standards (such as consuming alcohol) or local, state, and federal laws.

Attitudes

Guard against attitudes such as greed, jealousy, pride, bitterness, needless anger, an unforgiving spirit, harmful discrimination and prejudice such as that based on race, sex, or socioeconomic status.

Spiritual and Social Expectations

Vanguard University is a Christian academic community that encourages individual integrity and responsibility in accordance with a biblical understanding of Christian discipleship and its social and ethical implications. The Vanguard Community understands the primary call of the Christian faith—as expressed by Jesus—to seek to love God with our whole being and to love our neighbor as ourselves. Men and women who enter this community are expected to pursue this call through the cultivation of a virtuous character, developing intellectual and constructive participation in the life of the university.

Undergraduate students will abide by basic community standards consistent with a virtuous Christian life as well as other rules appropriate to the university's aims and goals. The university recognizes that a student's personal commitments and lifestyle may differ from these standards; however, every student is expected to comply with these community standards while they are enrolled. These requirements include, but are not limited to the following:

- Abstaining from any practices that violate the biblical standard for Christian living: such as drunkenness, gluttony, stealing, causing dissention amongst community members, slanderous or profane language, dishonesty, occult practices, premarital sex, adultery, the use of pornography, and other sexual immorality.
- Refraining from the possession or use of alcoholic beverages, all forms of tobacco, non-medical narcotics, and hallucinogenic drugs (including marijuana).
- Using discretion and restraint in conduct relating to the media, arts, internet, language, social dancing, as well as organizations with which one associates.

By enrolling at VU students accept the above statement of responsibilities.

Student Handbook

A copy of the 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

Mission: The Intercollegiate Athletic Program is dedicated to the holistic growth and development of all student athletes, teaching them to lead Christ-centered 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 seventeen sports. Women's sports include: soccer, track and field, cross-country, basketball, softball, volleyball, golf, stunt, and beach volleyball. Men's sports include: soccer, track and field, cross-country, basketball, golf, wrestling, volleyball, and baseball. The Athletic Department is affiliated with the Golden State Athletic Conference (GSAC) and the National Association of Intercollegiate Athletics (NAIA).

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.

ACADEMIC INFORMATION

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Academic Support Services

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.

CORE-101C College Success Strategies, College Learning Concepts

The College Learning Concepts course is semester-long course designed to provide students an opportunity to identify their individual learning styles and to develop effective individualized study and test-taking strategies. Students are provided with an introduction, regular classroom reinforcement, and application of skills necessary for success in college level course work.

The Office of Disability Services

Mission: The Office of Disability Services at Vanguard University exists to provide representation, access, service, reasonable accommodations, and community support to students with learning, physical, and psychological disabilities through, advocacy, awareness, and collaborative services.

Academic Accommodations

The Office of Disability provides reasonable accommodations for students with disabilities. Reasonable accommodations are established through an interactive process between you, your professor(s) and The Office of Disability Services. If you have a temporary or permanent disability that requires accommodations (this can include but not limited to; attention-related, learning, mental health, vision, hearing, physical or other health impairments), please contact The Office of Disability Services at 714-619-6550 or disabilityservices@vanguard.edu.

Tutorial and Math Learning Centers

Students may request peer tutoring through the Tutorial Office located in Scott 295 (714) 619-6479, or online at http://www.vanguard.edu/student-portal/arc/tutorial-center (http://www.vanguard.edu/student-portal/arc/tutorial-center/). Tutoring is course specific, and is free of charge. Peer tutors can be requested for most CORE requirements. Students should allow up to two weeks to be assigned a tutor. Additional tutorial assistance in preparing and editing written assignments and research papers is available through the Writing Center located on the second floor of the Heath Academic Center.

The O. Cope Budge 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.

The library was constructed in 1963, expanded in 1985, and renovated in 2012 to house a growing collection of educational resource literature. The collection presently consists of more than 200,000 volumes and includes print periodical titles and more than 100,000 electronic books attached to VANCAT, the library's catalog. Also included in the library holdings are music cd's, microforms, and more than 1,700 dvds. The library houses various special collections: The Pentecostal Collection, a Rare Book Collection, the Elizabeth D. Leonard Women's Studies Collection, a Nursing Collection, the Margarita Lima Spanish Collection, the Morris Pike Drama Collection, and the Curriculum and Children's Literature Collection.

Faculty Librarians teach more than 80 instruction classes annually. They not only explain how to use the electronic and print resources in Vanguard's library, but also teach students how to create effective search strategies and to evaluate the online information that the searches produce. They specifically target each professor's course requirements and design class procedures so that they undergird the focus of each course. Many of the instruction classes are integrated into the Core Curriculum, beginning with the Cornerstone course and ending with different academic Capstone courses. 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 serves as the portal for these resources, which are accessible to all students, faculty and staff from on and off campus.

Library services include individualized research help from faculty librarians, interlibrary loans that facilitate access to materials nationwide and course reserves for many courses. In addition to its collections, the library has group and individual study areas, and a computer lab. Adaptive technology, fee based photocopying, a scanner, printers, and a microform reader help to facilitate resource usage. The library is also a gathering place to host special events and partners with academic departments for special presentations.

In addition the library houses the university archives, which holds a collection of yearbooks, catalogs, promotional materials, student handbooks, various SCC and VU memorabilia, as well as historical minutes, memos and publications from all departments within the university.

Faculty librarians, well-qualified staff, and many student assistants provide customer oriented service within the library 84 hours per week. During the pre-finals week and finals week hours are extended.

The Writing Center

Mission: The Writing Center exists to serve Vanguard University's student writers across the curriculum on the undergraduate and graduate levels by providing informed reading and feedback as well as instruction for specific writing weaknesses. Committed to integrating faith and learning in a culturally diverse, Christ-centered collaborative environment, the Writing Center endeavors to assist students with improving their writing skills in concert with their critical command of content and rhetorical structure.

The Vanguard Writing Center 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.

Located on the second floor of the Scott Building, in the Academic Resource Center, the Writing Center houses a specialized library of contemporary literature and reference books for the edification of the Vanguard community.

Information Technology

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.

Students who have questions or need assistance with any of the above items may contact the IT Help Desk at (714) 619-6500 or by e-mail at HelpDesk@vanguard.edu. Additional information, updates, and instructions are available on the Vanguard IT Website at http://www.vanguard.edu/it/.

Academic Policies

Office of the 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 following academic policies are specific to the traditional undergraduate programs of the University. For information specific to Graduate programs or Professional Studies, please see those sections of this catalog.

Academic Calendar

Vanguard University operates on a two-semester academic calendar system.

Fall Semester—The semester normally is scheduled from late August to the Christmas Holiday. A normal load for this session is twelve to eighteen units.

Spring Semester—The semester normally is scheduled from early January to early May. A normal load for this session is twelve to eighteen units.

Summer Sessions—The Summer term, which normally is scheduled from mid-May through early July, is generally divided into three sessions.

Registration

Registration dates are specified on the calendar at the beginning of this catalog. A student may register for a course or courses after the cutoff date given, but for no more than the number of units equal to the number of full weeks remaining in the semester (including the week of final examinations), and with the permission of the instructor(s) involved and Dean of the College.

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 Registrar. Further, the University reserves the right to cancel any scheduled course in which the enrollment is less than ten.

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, 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 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, co-curricular, 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.

The following are approved Diversity Focused (DF) courses:[1]

Code	Title	Units
ANTH-102C	Intro to Cultural Anthropology	3
ANTH/HIST-317	Modern China	3
ANTH/SOC-320	Social & Cultural Change	3
ANTH/SOC-343	Class,Race,Ethnicity & Gender	3
ANTH-358	World Religions	3
ANTH-450	Anthropology Teaching Internship	1-3
ANTH/ENGL/ SPAN-453	Language,Culture/Linguistics	3
ANTH-480	Individual Studies:	1-3
COMM-318	Nonverbal Communication	3
COMM-345	Intercultural Communication	3
COMM-374	Gender Communication	3
COMM-376	Interracial Communication	3
COMM-448	Ethnography of Communication	3
COMM-467	Cultr/Rhetoric/Pentecostalism	3
EDUC-315	Teaching/Multicultural Setting	3
ENGL-433	Global Voices: World Literature	3
ENGL-444	Culture Focus:	3
HIST-203C	World Civilizations I	3
HIST-204C	World Civilization II	3
HIST-356	History and Geography of California	3
HIST-360	Women in American History	3
ICST-102	Intro/Intercultural Studies	3
ICST-345	Intercultural Comm in Ministry	3
KINE/SOC-258	Soc of Sport & Human Movement	3
MUSC-253	Music in Global Cultures	2
MUSC-327	Music History & Literature III	2
OT-425	Women in the Books of Samuel	3
OT-430	Women in Early Israel	3
PLST/THEO-432	Women in Ministry	3
PSYC-331	Diversity in the Helping Professions	3
PSYC-335	Social & Psychological Aspects of Aging	3
PSYC-352	Culture and Psychology	3
SOC-100C	Introduction to Sociology	3
SOC/ANTH-334	Gender/Culture/Society	3
SPAN-330	Literature of Latin America	3
SPAN-365	Curso Panoramico de Latinoamer	3

SPAN-464	Religion/Culture/Latin America	3
WJST-110	Intro/Women's Studies: Gender/Justice	2
WJST-212	Ensure Justice Conference in Women's Studies	1
WJST-345	Human Trafficking	3
WJST-410	Research in Women's Studies	3

The following are approved Diversity Enhanced (DE) courses:[1]

Code	Title	Units
ENGL-230C	Literature and the Human Experience	3
ENGL-309	Awakenings: Voices in American Lit	3
KINE-231	Global Games/Recreatn/Activit	3

[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

Full-time:
Undergraduate[1] – 12 units
Graduate – 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 type of program (traditional or professional studies). Also includes students pursuing their teaching credential, though coursework will count toward the MA degree.

Student Academic Load in the College

A normal academic load is from twelve to eighteen units per semester. Students taking less than twelve units are considered part-time. 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 the paragraph on "Honors" that appears later in this section.

Students who wish to register for more than eighteen units must have a cumulative "B" 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 units per semester: international students possessing a student visa (F-1 status), Social Security dependents, students receiving Cal Grants, students who participate in intercollegiate athletics, and students whose extra-curricular programs dictate.

Special Class Enrollment Options

Conference Courses—Junior or Senior students, 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 Registrar's Office; and
2. pay a fee in addition to the regular tuition. No more than four conference courses may be credited toward graduation.

Individual Studies Courses—Junior or Senior students with at least a 3.0 grade point average may pursue specifically designed courses of individualized study within their major for up to three units per semester and for a total of twelve units 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 Registrar's Office for approval. Individual studies carry an additional fee beyond regular tuition.

Pass/Fail Courses—Outstanding seniors and juniors may enroll for one course each semester on a Pass/Fail basis. A maximum of two 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 Dean of the College, 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.

Residence Courses—Residence courses are those taken during regularly scheduled sessions on the VU 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 50% of the class sessions in order to have the audited course recorded on the transcript.

Cross Registration between Traditional Undergraduate (TUG) Degree Programs and Professional Studies (PS) Degree Programs

Students enrolled in a Traditional Undergraduate (TUG) degree program may enroll concurrently in classes in Professional Studies (PS) degree programs according to the following criteria:

1. Students are considered on a case-by-case basis and will be assessed as to fit for the PS program.
2. Students must obtain "cross-registration" approval from the
   a. Professional Studies programs office;
   b. the appropriate PS Program Chair;
   c. the student's TUG Academic Advisor;
   d. and the Office of Accounting Operations. Approval may be granted in highly unusual circumstances, such as a course is needed by a senior level student for graduation in his/her final semester.
3. Students must possess a cumulative GPA of 3.0 or higher and have at least 88 cumulative units (i.e., senior status) to be eligible to take both Major and general education courses. Students who have not achieved senior status may request to cross-register, however, they must have a minimum cumulative GPA of 3.33[1].
4. Students may not cross-register for more than six cumulative units [1].
5. Students will be enrolled in PS Degree Programs as "student-at-large" (not eligible for Financial Aid).
6. Students will pay the prevailing PS tuition rate.
7. Students wishing to cross-register in PS Degree Programs should request a cross-registration application form from the Graduate and Professional Studies Admissions Office.
8. Additional signatures may be necessary for students who wish to have PS courses satisfy major and/or core curriculum requirements. Consultation with the Department Chair (major requirement) or the Core Curriculum Chair (Core requirement) is recommended prior to registration.

[1] Students receiving veteran's benefits are exempted from GPA, class level, and maximum units allowed requirements. See numbers 3 and 4 above.

PS Degree Program students at VU may enroll concurrently in classes in VU's TUG Degree Programs according to the following criteria:

1. Students are considered on a case-by-case basis.
2. Students must obtain cross-registration approval by the Dean of the College (TUG).
3. Students will be enrolled in the College as "student-at-large" (not eligible for Financial Aid).
4. Students will pay the prevailing traditional undergraduate tuition rate.
5. Students wishing to cross-register in traditional coursework should request a cross-registration application form from the Undergraduate Admissions Office.

Course Numbering

Course numbers are assigned as follows:

Number	Definition
90-99	Considered college preparatory and are not accepted toward Bachelor degrees.
100-199	Freshman level – lower division
200-299	Sophomore level – lower division (Freshmen are admitted to this level of courses provided prerequisites have been met.)
300-499	Upper division (Sophomores who have their advisor's consent and have met prescribed prerequisites are admitted to this level.)
500-599	Graduate level (These courses may also be offered at the undergraduate level for qualified students.)
600-799	Graduate level only
1000-2999	Undergrad level professional development (not degree applicable)
3000-4999	Undergrad level continuing education (not degree applicable)
5000-8999	Graduate level professional development (not degree applicable)
9000-9999	Graduate level continuing education (not degree applicable)

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

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

A course number followed by the letter R (such as CHEM-304R Organic Chemistry I Recitation) indicates that is a recitation course.

Change of Class Schedule

Students are responsible for the individual program they select upon registration. Changes may be made online during designated Online Registration time periods, and thereafter must be made by the filing of an add/drop form in the Office of the Registrar. A class dropped during the first two full weeks of the 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 appropriate Dean.

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."

Declaring a Major

All students are urged to declare a major no later than the end of their third full semester of work. Students may be aided in this determination by consulting with departments of interest or an Undeclared Advisor. Formal declaration of a major or a change of major is made by filing a "Change or Declaration of Major' form in the Office of the Registrar.

Declaring a Minor

A minor consists on average of twenty units 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. Minors are not formally declared in the Office of the Registrar until the student applies to graduate.

A 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 courses), including the total number of units needed for the first degree (124 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 VU in the final semester in which graduation requirements are to be met and an "Application for Graduation" must be submitted to the Office of the Registrar no later than the second week of the semester in which graduation is anticipated.

Students may complete a second major at VU 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.

Interdisciplinary Studies

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 Rica :

Vanguard 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 see Department of Religion.

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.

Vanguard Sundance Film Festival (Park City, Utah)

For program description see the Department of Communication section of the Catalog.

Center for Holy Land 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

Vanguard University maintains partnerships with a number of external study abroad programs as well as the Council for Christian Colleges and Universities' Best Semester programs. For more information about these opportunities see the Office of Global Education and Outreach.

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 (see below). These interdisciplinary learning opportunities are available to students with Junior or Senior standing. 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.bestsemester.com/.

Washington D.C. American Studies Program (ASP) Courses (15-16 units)

Students can take the following courses during a semester-in-residence in Washington, D.C. (for a total of 15 units). ASP courses satisfy upper division History and Political Science major requirements and possibly other major requirements—consult your academic advisor. For more information, contact the Department of History and Political Science.

CINCEL

The CINCEL Program (Centro de Investigaciones Cultural y Estudios Lingüísticos) in San José, Costa Rica, in conjunction with Vanguard University, offers Vanguard students who are majoring in Spanish, and others, a total immersion experience in Spanish. Students must demonstrate commitment and interest in the Spanish language at Vanguard University before going to CINCEL. Motivation will be as important as actual previous achievement, since the CINCEL staff are accustomed to working with students at all levels. The program features home-stay with select host families, and an academic program of courses. The program is for one semester (16 weeks, 16 units) during any one of CINCEL's trimesters, or a half semester (8 weeks, 8 units) available during the Summer trimester. For the purpose of assessment, students will take a proficiency test both before and following their CINCEL experience. Prerequisites: Upon approval of the Chair of the Vanguard University Spanish Department, students may apply CINCEL units toward their Vanguard University Major (8 or 16 units) or Minor (no more than 8 units). Students will receive no credit for CINCEL unless currently enrolled as full-time students at Vanguard University. Non-Spanish majors or minors may earn elective units providing they have previous clearance from their own department and the Spanish Department. Students must have completed the intermediate level (SPAN 203-204) or the equivalent.

CINCEL Courses (8, 16 units)

(Note: The lesser unit values refer to courses in the 8-week Summer trimester for students pursuing the Minor in Spanish).

Code	Title	Units
SPAN-380	Cincel Semester Abroad	1
SPAN-382	Spanish Grammar, Cincel	2-5
SPAN-384	Spanish Conversation, Cincel	2-4
SPAN-386	Spanish Phonetics, Cincel	2-4
SPAN-388	Spanish Practicum, Cincel	1-2

Advanced students, if recommended by CINCEL, may take one or more of the following courses:

Code	Title	Units
SPAN-481	Lit of Latin America, Cincel	2
SPAN-483	Composition, Cincel	2
SPAN-485	Translation, Cincel	2

Additional Coursework at CINCEL

Any student desiring to take extra units of study while at CINCEL must receive written approval in advance from the Spanish Department, and have academic and financial registration completed for the units before going to CINCEL. To be counted as Spanish units, such extra units must be taught in Spanish with Spanish readings, and not novels in English translation, for example.

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

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. Please see the 'Off-Campus Study Programs' section of this Catalog for more detailed information on study abroad programs offered through VU. Students wishing to study abroad through an institution other than Vanguard should contact the Office of Global Education and Outreach for appropriate paperwork and approval.

Credit by Testing and Extension

Vanguard University grants a maximum of twenty-four units from Advanced Placement (AP), College Level Examination Program (CLEP), International Baccalaureate (I.B.), other testing organizations, or from non-VU extension and correspondence programs. VU 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. VU 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/undergraduate-transfer/ for more detailed information.

Appeals Procedure

A student seeking a variance from any stated academic policy should consult with the department of the course/policy in questions. 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.

Leave of Absence Policy and Withdrawal from the University

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.

Military Leave of Absence Policy

Military Leave is available for Veteran students 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. Students on military leave are not regarded as having permanently withdrawn from the institution and need not apply for readmission. Military leave forms can be obtained from the VA School Certifying Official or the Registrar's Office.

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. An 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@vanguard.edu (records@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.

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**.

I. 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.

A. 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, i*f 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 clauses 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.

B. 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.

II. 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.

III. 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.

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.

Grading System

Grade	Significance	Grade Points
A	Exceptional	4.00
A-		3.67
B+		3.33
B	Good	3.00
B-		2.67
C+		2.33
C	Satisfactory	2.00
C-		1.67
D+		1.33
D	Poor	1.00
D-		.67
F	Failure	0.00
W	Withdrawl	Not Applicable
WP	Withdrawal Passing	Not Applicable
WF	Withdrawal Failure	0.00
CR	Credit	Not Applicable
I	Incomplete	Not Applicable
P	Pass (Granted for 'C' or higher)	Not Applicable
AU	Audit	Not Applicable

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 three-unit 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 VU.

Incomplete Grades

Faculty may assign a grade of "I" (Incomplete) to students when they warrant additional time to complete coursework due to situations beyond their control (i.e. serious illness, accident, or death of a family member). They 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 calendar weeks following the last day of the term (or other academic session). If the work is not made up by this time a grade of "F" will automatically be assigned. Extensions to the six week limitation are made only with the approval of the Dean of the College. Instructors are under no obligation to assign an Incomplete grade or to administer a make-up exam.

Grade Change Policy

Grades submitted by faculty to the Office of the Registrar are considered final. Students who believe a grade was assigned in error must contact the instructor of the course to review their records. Submission of a grade change to the Office of the Registrar can be made by the faculty member no later than two semesters following the term in which the grade was originally assigned. Requests for exceptions to this policy must be made to the appropriate Dean. Instructors are under no obligation to accept late or additional work.

Grade Appeals

No course grade may be appealed more than one year 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:

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.

A student wishing to contest a course grade should first seek an explanation from the faculty member assigning the grade. If the faculty member approved a course grade change, the faculty member shall submit a grade change to the Office of the Registrar and shall provide a written notification of the decision to the student.

Should the faculty member 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 faculty member. If the faculty member 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 the grade change to the Office of the Registrar and shall provide a written notification of the decision to the faculty member and the student. Should the faculty member be the academic administrator, the student may appeal the course grade to the appropriate academic 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 academic 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 Dean shall submit a grade change to the Office of the Registrar and shall provide a written notification of the decision to the faculty member, the academic administrator, and the student. Should the faculty member be the Dean, the student may appeal the grade to the Provost.

Should a mutually acceptable resolution of the matter not be reached by the Dean, the student may appeal the course grade to the Provost, who will review the case, approve or disapprove a grade change, submit (if necessary) a grade change to the Office of the Registrar, and provide a written notification of the decision reached to the student, the academic

administrator, and the appropriate Dean. The decision will not be subject to further appeal.

Course Repeat Policy

Academic courses offered at VUSC 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 G.P.A.

Class Attendance

Regular and punctual class attendance is expected and is essential to optimum academic achievement. Students in lower division classes are given an "F" for any course in which they have been absent more than one-fifth of the scheduled class meetings. Attendance requirements in upper division classes are established by each instructor.

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

1. Students are responsible for initiating the process of makeup work. Work must be submitted when due whether or not the student is present.
2. Scheduled events (games, concerts, tournaments) constitute an excuse to miss class; however, practices do not.
3. Students should clear their class schedules with coaches or directors before registering for classes to minimize potential conflicts.
4. Missed classes for authorized events will count toward the one-fifth absence allowance. Student athletes and others affected by excused absences should be particularly careful not to miss other class sessions for unauthorized reasons.
5. 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.

Class Standing

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

Standing	Credits
Freshman	0-26
Sophomore	27-56
Junior	57-87
Senior	88+

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 twelve 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

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.

Honors

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

Students who have completed, by the end of the Fall semester, no less than 36 units (bearing letter grades) at Vanguard may be eligible to participate with provisional honors in the Commencement ceremonies ahead of actual completion of all courses required for graduation. The deadline for having honors designated at the Commencement Ceremonies is the end of the Fall semester. 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 for graduation and will be indicated on the permanent transcript and on the diploma. Students must complete a minimum of 45 units at Vanguard to have honors recorded on their transcript and diploma. Students who 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.

Student Honor Societies

Student 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 following honor societies:

Honor Society	Subject
Alpha Kappa Delta	Sociology
Lambda Alpha	Anthropology
Lambda Pi Eta	Communication

Phi Alpha Theta	History
Pi Sigma Alpha	Political Science
Psi Chi Pi	Psychology
Sigma Beta Delta	Business
Sigma Tau Delta	English
Phi Epsilon Kappa	Kinesiology
Sigma Theta Tau	Nursing

Degree Requirements for Graduation

Candidates for the Bachelor of Arts, Music, or Science degrees in the University's traditional undergraduate programs must meet the following requirements:

1. A minimum of 120 units and a cumulative grade point average of 2.0. A minimum of forty units must be upper division work, and twenty-four units must be taken at VU.
2. A minimum of twenty-four of the last thirty units must be earned at VU. Veterans and active duty military are exempt from this requirement.
3. A major in a department must be completed as prescribed by the catalog. At least one-half of the major must be completed at VU.
4. A minor in a department or subject is optional. If a minor is not declared, a student will complete the required units for graduation by taking elective courses.
5. Students must complete the core curriculum program of fifty-two – fifty-four units.
6. An Application for Graduation must be filed in the Office of the Registrar. See "Application to Graduate" for more information.

Degrees Granted

The 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 Arts in Theology degrees.

The College:

A Bachelor of Arts Degree with a major in:

- Accounting
- Biological Sciences
- Business Administration
- Communication: concentrations in Communication Studies and Cinema Arts
- English: emphases in Literature and Textual Analysis, and Writing
- General Music: emphases in Music Ministry and Applied Music
- History and Political Science
- Liberal Studies: emphases in Anthropology, Biological Science, Communication, English Literature, English Writing, History and Political Science, Kinesiology, Mathematics, Music, Physical Science, Psychology, Sociology, and Theatre Arts
- Marketing
- Psychology
- Religion: concentrations in Biblical Studies, Christian Formation and Discipleship Studies, General Christian Studies, Intercultural Studies, Pastoral Leadership Studies, and Youth Leadership Studies
- Sociology
- Theatre Arts: concentrations in Stage & Screen Acting/Directing, Technical/Design, and Musical Theatre
- Worship Studies: emphases in Art, Cinema Arts, Communication, Theatre Arts and Worship Leadership.

A Bachelor of Music Degree with a major in:

- Performance: concentrations in Instrument, Piano and Voice
- Pre-Teacher Certification

A Bachelor of Science Degree with a major in:

- Biochemistry
- Biology: emphases in Botany and Ecology, Education, Neuroscience and Pre-Medical Studies
- Chemistry
- Kinesiology: concentrations in Health and Human Performance, and Pre-Health Professions
- Mathematics

A Bachelor of Science in Nursing Degree

School for Graduate and Professional Studies:

An Associate of Arts Degree in Early Childhood

A Bachelor of Arts Degree with a major in:

- Business Administration
- Business: concentration in Organizational Management *(Currently in Teach Out)*
- Early Childhood
- Management
- Psychology: concentration in Human Development
- Religion: concentration in Ministry and Leadership

A Bachelor of Science in Nursing Degree

Graduate Program in Clinical Psychology:
A Master of Science Degree in Clinical Psychology

Graduate Program in Education:
A Master of Arts Degree in Education

Graduate Program in Nursing:
A Master of Science Degree in Nursing

Graduate Program in Organizational Psychology:
A Master of Arts Degree in Organizational Psychology
A Master of Science Degree in Industrial/Organizational Psychology

Graduate Programs in Religion:
A Master of Arts Degree in Leadership Studies
A Master of Arts in Theology Degree

Definition of Degree Nomenclature

Degree: the degree and level (e.g., B.A., B.S.N., M.A, M.S.).

Major: the academic field of specialized study offered by an undergraduate academic department; a major has an academic evaluation, appears on the academic transcript and on the diploma (e.g., Communication).

Concentration: a curriculum that concentrates on a particular recognized field of study within a major; a concentration has an academic evaluation, and appears on the academic transcript, but not on the diploma (e.g., Religion: Biblical Studies).

Emphasis: a curriculum that emphasizes a limited number of distinct courses within a 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 and does not appear on the academic transcript or on the diploma (e.g., Liberal Studies).

Application to Graduate

Students nearing completion of all requirements for their degree must submit an *Application for Intent to Graduate* two academic terms in advance of their intent to complete their academic course work. Schedule is as follows:

- Fall term - application due the first day of the Spring term prior to course completion.
- Spring term - application due the first day of the Summer term prior to course completion.
- Summer term - application due the first day of the Fall term prior to course completion.

The *Application for Intent to Graduate* should be submitted to the department of their major who will then forward it on to the Office of the Registrar. A late fee may be assessed to applications received after the posted deadline. The application will be reviewed by the Office of the Registrar and the student will be notified of their clearance to graduate and participate in Commencement ceremonies.

Commencement Participation

All 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 ceremonies in which they participate. Successful completion of off-campus testing for academic credit, such as CLEP, must be verified prior to the beginning of spring semester 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. For more information, contact the Office of the Registrar (graduation.support@vanguard.edu).

Degree Rescission Policy

The University reserves the right to rescind any 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.

Veterans Enrollment Certification and Benefits

Vanguard University is approved for training of veterans and eligible persons under the provisions of Title 38, United States Code. Upon acceptance into the University, individuals eligible for G.I. Education Benefits through the Department of Veteran Affairs or for Tuition Assistance Funding (TA) through the Department of Defense may apply for benefits through the Veterans Resource Center. Vanguard University is a full Yellow Ribbon Institution. The Yellow Ribbon application can be downloaded at the Veterans Resource Center homepage http://www.vanguard.edu/veterans/.

In addition, the veteran must submit a certified copy of their separation papers (Form DD-214), along with their Certificate of Eligibility and any appropriate application form(s). For details, or to obtain a hard copy of the Yellow Ribbon application, please visit Vanguard University Veterans Resource Center or contact the VA School Certifying Official at (714) 662-5204 or via email at VeteransCertifyingOfficial@vanguard.edu.

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 Graduate and Professional Studies will be awarded one (1) physical education unit (to a maximum of 8 units) for every six months of active service completed, provided an honorable discharge was received as indicated on Form DD-214. Vanguard University grants up to 30 units 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).

To claim full G.I. Education Benefits, it is the students' responsibility to request certification with the VA School Certifying Official each semester. The student must indicate their semester's enrollment on an Enrollment Certification Form. Veteran students enrolled in accelerated format credit hours will be certified according to the start, and end date of each course. Accelerated format will be considered non-standard terms. Veteran students utilizing Ch33 Post 9/11, enrolled in accelerated format credit hours, will have a Rate of Pursuit determined by the Department of Veteran Affairs for each course enrolled based on non-standard term calculations.

Students receiving Veterans benefits will be put on Probation if their cumulative GPA drops below the graduation requirement for the program being attended as outlined below. Students who are placed on probation

or fail to make academic progress towards graduation risk having their VA benefits denied or delayed.

2.00 (C average) The College
2.00 (C average) Professional Studies
2.67 (B- average) M.A.T. degree in the Graduate Programs in Religion
3.00 (B average) M.A., M.S., or MSN degree in the Graduate programs

Probationary status will continue until the student has raised his/her cumulative GPA to the minimum requirement. An individual will have his/her veteran's benefits terminated if he/she remains on Probation for two consecutive semesters.

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 (ROTC)

Vanguard University has a partnership with California State University Fullerton Army ROTC (Titan Battalion). Information on entry into CSUF's Army ROTC program and their application process, please visit their website (http://hhd.fullerton.edu/militaryscience/ApplicantResources.htm) or contact their Recruiting Operations Officer, Mr. Steven Yach, at (657) 278-3527 or via email at syach@fullerton.edu

Military Leave of Absence Policy

Military Leave is available for Veteran students 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. Students on military leave are not regarded as having permanently withdrawn from the institution and need not apply for readmission. Military leave forms can be obtained from the VA School Certifying Official in the Registrar's Office.

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.

Majors housed in the College are:

- Accounting
- Biology
- Biochemistry
- Biological Sciences
- Business Administration
- Chemistry
- Communication
- English
- Environmental Sciences
- General Music (Bachelor of Arts)
- History and Political Science
- Kinesiology
- Liberal Studies
- Marketing
- Mathematics
- Music (Bachelor of Music)
- Nursing
- Psychology
- Religion
- Sociology
- Theatre Arts
- Worship Studies

Majors typically have several options for minors, concentrations, and emphases. A petition for an academic minor, concentration, or emphases must be filed with the Registrar's Office.

Courses in art and Spanish are offered as part of the Arts and Sciences curriculum.

The Core Curriculum

The Core Curriculum

Mission: The mission of the core curriculum is to provide an integrative four-year 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 College 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. The core curriculum is designed to fulfill the following student 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.

Core Curriculum Course Requirements Year by Year

Freshman

Code	Title	Units
ENGL-120C	Persuasive Writing	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
NT-101C	New Testament Survey	3
Select one of the following:		1-3
CORE-100C	Cornerstone [1]	
CORE-101C	College Success Strategies	

Select one of the following [2]		3
MATH-145C	Data Analysis	
BUSN-165C	Business Statistics [3]	
MATH/PSYC/SOC-265C	Intro to Statistical Methods [5]	
MATH-270C	Health Professions Statistical Methods [6]	
Select one of the following:		3
THEO-101C	Foundations of Christian Life	
THEO-103C	Intro to Theology [7]	
Select one of the following:		3
HIST-156C	U.S. History	
POLS-155C	U.S. Government	
Select two of the following:		6
ANTH-102C	Intro to Cultural Anthropology	
PSYC-103C	Introduction to Psychology	
SOC-100C	Introduction to Sociology	
Total Units		24-26

Sophmores

Code	Title	Units
COMM-201C	Speech Comp/Presentation	3
ENGL-220C	Researched Writing [8]	3
NSCI-210C & 210CL	The Empirical World and The Empirical World Lab [9, 10]	4
OT-201C	Old Testament Survey	3
Select one of the following:		3
ENGL-230	Literary Perspectives [11]	
ENGL-433	Global Voices: World Literature [12]	
Select one of the following:		3
HIST-203C	World Civilizations I	
HIST-204C	World Civilization II	
Select one of the following:		3
ART-252C	Hist/Appreciation of Art	
FINA-215C	Intro to the Arts	
MUJZ-355C	Jazz Music History	
MUSC-202C	Intro to Music [13]	
THEA-102C	Intro to Acting [14]	
THEA-200C	Intro to Theatre [14]	
THEA-202C	History of Theatre I	
THEA-204C	History of Theatre II	
Total Units		22

Juniors

Code	Title	Units
THEO-300C	Developoing a Christian World View	3
Total Units		3

Seniors

Code	Title	Units
CHIS-400C	Christian Heritage [15]	3
Total Units		3

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

2 Students majoring in Mathematics are exempt from taking the core curriculum requirement in mathematics.

3 Students majoring in Business must take BUSN-165C Business Statistics or MATH-265C Intro to Statistical Methods to fulfill the core curriculum requirement in mathematics.

5 Students majoring in Anthropology, Communication, Kinesiology, Psychology, or Sociology must take MATH-265C Intro to Statistical Methods / PSYC-265C Intro to Statistical Methods /SOC-265C Introduction to Statistical Methods to fulfill the core curriculum requirement in mathematics.

6 Students majoring in pre-nursing must take MATH-270C Health Professions Statistical Methods to fulfill the core curriculum requirement in mathematics.

7 Students majoring in Religion (any concentration) must take THEO-103C Intro to Theology to fulfill the core curriculum requirement in theology.

8 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 Meth in Hist/Poli Sci
Liberal Studies: EDUC-220C Researched Writing for Liberal Studies Majors
Psychology: PSYC-220C Researched Writing/Psyc Majors

9 Students majoring in Biology, Chemistry, Kinesiology or Liberal Studies are exempt from taking NSCI-210C The Empirical World/NSCI-210CL The Empirical World Lab

10 Lab sciences that satisfy this requirement:
BIOL-111C/BIOL-111CL 4 units
BIOL-204C Human Anatomy/BIOL-204CL Human Anatomy Laboratory 4 units
BIOL-210C Fundamentals of Biology/BIOL-210CL Fundamentals of Biology Lab 4 units
CHEM-112C Fundamentals of General, Organic, and Biochemistry I/CHEM-112CL Fundamentals of General, Organic, and Biochemistry I Lab 4 units
ENVR-150C Intro to Environmental Sci/ENVR-150CL Intro to Environmental Sci Lab 4 units
PSCI-130C General Physics I/PSCI-130CL General Physics I Lab 4 units
PSCI-215C Fundamentals of Earth Science/PSCI-215CL Fundamentals of Earth Science Lab 4 units
PSCI-216C Fundamentals of Physical Sci/PSCI-216CL Fundamentals of Phys Sci Lab 4 units
PSCI-223C Mechanics and Heat/PSCI-223CL Mechanics and Heat Lab 4 units

11 Students majoring in English are exempt from taking the core curriculum requirement in English.

[12] 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.

[13] 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.

[14] 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.

[15] The units for the Capstone Course are integrated into the student's major requirements.

Capstone Course (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	4
Business, Professional Studies		
BUOM-456	Business Strategy	3
Biology		
BIOL-499C	Capstone Seminar in Biology	2
BIOL-485	Undergrad Biological Research	1-4
Chemistry		
CHEM-499C	Chemistry Capstone Seminar	2
Communication		
COMM-464C	Media Criticism	3
English		
ENGL-499C	Synecdoche: Captsone	3
Environmental Sciences		
ENVR-499C	Capstone Seminar/Environmental Studies	2
History and Political Science		
HIST-485C	Historiography	3
Kinesiology		
KINE-450C	Capstone Kinesiology Senior Project	3
Liberal Studies		
EDUC-499C	Senior Capstone in Lib 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
Performance and Jazz Studies		
MUPF-491C	Senior Recital and Research	2
Music Education and Church Music:		
MUSC-491C	Recital and Research	2
Composition		
Worship Studies		
MUSC-498C	Final Presentation for Worship Studies	2
Nursing		
NURS-430	Ldrshp/Mngt in Professnl Nurs	4
Psychology		
PSYC-477C	Psychology and Christianity	3
Psychology, Professional Studies		
PSYD-460	Field Practicum	3
Religion		
THEO-499C	Theo/Min/Post-Chrstn Context	3
Sociology		
SOC-490C	Senior Seminar	3
Theatre Major		
THEA-450	Theatre Internship	1-2
THEA-495C	Senior Project	2
Worship Studies		
MUSC-498C	Final Presentation for Worship Studies	2

Pre-Professional Preparation in the College

Pre-Professional Preparation in the Natural Sciences

Students desiring a major, pre-professional curriculum, or a constructed minor in one of the disciplines of natural science should consult with a representative of the appropriate department for advisement regarding minimal requirements for their objectives in that area of study. In addition, students must consult with a departmental representative before registering for an upper division laboratory science. Auditing laboratory science courses requires departmental approval.

Science,Teaching/Coaching of Physical Education or Mathematics Teacher Education

Students desiring to enter a career in secondary school teaching should consult with an academic advisor in Liberal Studies and the appropriate department. The academic advisor will provide a complete list of the requirements for teacher certification in the student's selected field. Certain courses are required for teaching, and a wide spectrum of courses are necessary covering diverse areas within discipline(s) chosen.

Graduate School Preparation in the Sciences or Mathematics

Students who desire to enter graduate school in the fields of sciences or mathematics need to consult with their academic advisor for counsel

regarding requirements and the proper sequence of courses. It is advisable for such students to obtain catalogs from graduate schools of their choice and consider carefully the undergraduate prerequisites listed in them. Most graduate schools require prospective students to take the Graduate Record Examination (GRE), which is normally taken in the Fall of the senior year or the Spring of the junior year. Some graduate schools require only the basic or generalized GRE while others require that applicants also take the advanced subject area exam. It is imperative that students be aware of the requirements and application deadlines of the graduate school of their choice.

Pre-Medical, and Pre-Health Professions Preparation

Medical, dental, and other professional graduate schools seek students with broad education in both liberal arts and in the natural sciences. Recommended majors for pre-medical, pre-veterinary, or pre-dental training are either biology or chemistry. In pursuing either of these majors, the student should complete mathematics through calculus, one year of calculus-based physics, one year sequence of comparative anatomy/embryology and vertebrate physiology, cell biology, histology, microbiology, genetics, and a sequence of chemistry courses up to and including advanced biochemistry. Most medical and dental school applicants complete a baccalaureate degree program prior to beginning their medical training. Normally, the Medical College Admission Test (MCAT) or Dental Aptitude Test (DAT), or other tests required for entrance into professional graduate school is taken during the sixth semester of undergraduate work. The MCAT exam emphasizes critical thinking and writing skills, in addition to factual knowledge. The successful completion of our course program and the knowledge gained will be (1) decidedly helpful in achieving requisite MCAT and DAT scores, and (2) essential in providing an adequate background for medical and dental studies.

Pre-Health Professions require a core and additional work in a concentration. For Pre-Health Professions descriptions (Chiropractic, Nursing, and Physical Therapy), see relevant catalog section under the Kinesiology Department.

For additional preparatory subjects on other professional school entrance examinations, the prospective applicant should consult the catalogs of the schools of interest. It is important also to work with the chair of the Pre-Medical Committee for assistance in planning the total program.

General Courses in The College

Art Courses

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-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.

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.

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.

CORE-101C College Success Strategies 3 Credits
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 time-management, 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.

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.

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-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.

Natural Science Courses

NSCI-210C The Empirical World 3 Credits
A course in the natural and physical sciences emphasizing man's relationship to the physical world. Relevant topics from physics, chemistry, earth science, and biology will be explored. The course will focus on contemporary issues such as the ecological, economic and human health impacts of air and water pollution, global climate change, ozone depletion, hazardous and solid waste, alternative energy resources, soil, resource depletion, biotechnology, diet and food safety. Completion of accompanying lab (NSCI-210CL) is required to satisfy the core curriculum requirement in natural science.
Co-Requisite: NSCI-210CL

NSCI-210CL The Empirical World Lab 1 Credit
A laboratory course in the natural and physical sciences to accompany NSCI-210C emphasizing the process of problem solving using the scientific method. All laboratory experiences are under the direct supervision of the faculty and are designed to give the student hands-on experience in the study of our natural and physical environment. Where possible the laboratory experiments will be coordinated with the material being covered in lecture. The laboratory experience may include supervised field trips. Lab fee.
Co-Requisite: NSCI-210C

SOCS-364C Interm.Statistical Methods 3 Credits
This course is designed to provide a review of fundamental descriptive and inferential procedures as well as a survey of more advanced procedures (including multiple regression, factorial analysis of variance, and a variety of non-parametric tests).

Art Minor

Requirements

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.

Department of Biology

Mission: The Biology Department seeks to provide training in a Christian environment needed to prepare students for careers in elementary and secondary education, provide the background in biology necessary for other areas of study such as biochemistry and the exercise sciences, prepare students for professional programs in areas such as medicine and other health professions, and to prepare students to enter graduate studies in the biological sciences and to enter positions in industry.

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. In addition to the Biology B.S. program there are three possible concentrations that one could specialize in including: Neuroscience, Biomedical Biology and Biology Teacher Education Program.

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 the Pre-Med advisor to make sure that the student is aware of the additional requirements imposed by the Pre-Med Committee.

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 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 is 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-111C Principles of Cell and Molecular Biology, BIOL-112 Priciples 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/ Linguistics and POLS-155C U.S. Government (see program requirements).

Programs

- Biological Sciences B.A. (p. 54)
- Biology B.S. (p. 55)
- Biology Minor (p. 56)
- Biology with an Education Minor (VISTA) (p. 57)

Courses

Biology Courses

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 cirriculum lecture requirement in natural sciences.
Co-Requisite: BIOL-100CL

BIOL-100CL Fundamentals/Biology for Non-Majors Lab 1 Credit
Laboratory exercises in molecular biology, metabolism and physiology, structure, ecology, and taxomonic groups. Laboratory four hours. Lab fee. This course fulfills teh core cirriculum laboratory requirement in natural sciences.
Co-Requisite: BIOL-100C

BIOL-111C 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-111CL

BIOL-111CL Principles of Cell/Moelcular Biology Lab 1 Credit
Topics in this course are designed to complement lectures presented in BIOL111C. Students will conduct a broad survey of investigations selected to optimize their understanding of basic laboratory techniques and biological principles including microscopy, chromatography, colorimetry and DNA analysis. Lab and field trip fee. This course fulfills the core curriculum laboratory requirement in natural sciences; however, this course is designed for Biology majors.
Co-Requisite: BIOL-111C

BIOL-112 Priciples 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

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

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-204L

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

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. Lab fee required. (meets Physiology requirement for RN to BSN students; meets Science/Lab requirement for all other students)

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. Lab fee required. (meets a Science/Lab requirement).

BIOL-209 Principles of Microbiology 4 Credits
An introduction to the study of micro-organism: their occurrent and importance to humans. Major concepts of general microbiology are discussed, including prokaryotic and eukaryotic cell types: structural organizational 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 organism that causes these diseases.

BIOL-209L Principles/Microbiology Lab 1 Credit
Prerequisities: BIOL-210. The laboratory course will introduce students to basic microbiology techniques and principles. Students will learn procedures for handling microorganisms and establishing pure cultures. Additionally, the folloing basic microbiology laboratory protocols will be covered: specimen colleciton, cultivation, analysis, identification, and reporting. Laboratory three hours. Lab fee.

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 deseigned for non-science majors.

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 deseigned for non-science majors.

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

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, celular 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

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.

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

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

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.

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 studies will include nervous, cardiovascular, respiratory, renal, gastrointestinal, endocrine, and reproductive. Lecture three hours.
Prerequisite: BIOL-111C, BIOL-204C or BIOL-210, or other college biologycourse with permission of instructor.
Co-Requisite: BIOL-304L

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

BIOL-305 Physiology of Vertebrates 3 Credits
Principles of animal physiology with emphasis on vertebrates. Lecture three hours. Offered in alternate 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.

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.

BIOL-309L Microbiology Laboratory 1 Credit
Laboratory three hours. Lab fee.

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.

BIOL-311L Genetics Laboratory 1 Credit
Laboratory three hours. Lab fee. Offered in alternate years.

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

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 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

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 charges 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.

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 Nevada's typically during May. Lab and field trip fee. Lab fee covers 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.

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.

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.

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 chnages that are responsible for learning and the formation of memory. Students will learn how changes in synapses generate, stablize, consolidate, and maintain memories. Topics covered include system and synaptic consolidation, reconsolidation, memory systems, and the neural pathways involved in different types of memories.

BIOL-365L Neurobiology of Learning/Memory Lab 1 Credit
This course supports the BIOL-365 lecture and must be taken concurrently.

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.

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.

BIOL-404L Neuropharmacology Laboratory 1 Credit
This laboratory course supports the BIOL-404 lecture and must be taken concurrently.

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.

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 permissionof instructor.
Co-Requisite: BIOL-432L

BIOL-432L Neuroscience Lab 1 Credit
Laboratory three hours. Lab fee.
Prerequisite: BIOL-220L and BIOL-204CL, BIOL-304L orBIOL-305L; or permission of instructor.
Co-Requisite: BIOL-432

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

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

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 providings tudents 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 prat-time employment. This course requires actual work experience be sought in a botech or STEM-focused buisness firm providing an opportunity to integrate classroom teaching in practical applicaiton 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

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.

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 laboratory. Lab fee.

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.

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.

BIOL-480 Individual Studies: 1-4 Credits
May be repeated for credit. May have lab fee and field trip fee in some cases.

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

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

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. In-class 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

Biological Sciences B.A.

Requirements

NOTE: This academic degree program is currently in a teach out; applicants are no longer being accepted in the Biological Sciences Major.

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		77-79
Total Units		129-133

Biology Major

Code	Title	Units
Lower Division Requirements		
BIOL-111C & 111CL	Principles of Cell and Molecular Biology and Principles of Cell/Moelcular Biology Lab	4
BIOL-112 & 112L	Priciples of Organismal Biology and Principles of Organismal Biology Lab	4
BIOL-220 & 220L	Cell Biology and Cell Biology Lab	4
CHEM-120 & 120L & 120R	General Chemistry I and General Chemistry I Lab and General Chemistry I Recitation	5
CHEM-121 & 121L & 121R	General Chemistry II and General Chemistry II Lab and General Chemistry II Recitation	5
MATH-180C	Calculus 1	4
PSCI-223C & 223CL	Mechanics and Heat and Mechanics and Heat Lab	4
or PSCI-130C & 130CL	General Physics I and General Physics I Lab	
PSCI-225 & 225L	Electricity, Magnetism/Light and Electricity/Magntsm/Light Lab	4
or PSCI-131 & 131L	General Physics II and General Physics II Lab	
Upper Division Requirements		
BIOL-309 & 309L	Microbiology and Microbiology Laboratory	4
BIOL-311 & 311L	Genetics and Genetics Laboratory	4
CHEM-304 & 304L	Organic Chemistry I and Organic Chemistry Techniques I	4
BIOL-485	Undergrad Biological Research	2
or BIOL-488	Biology Senior Project	
or BIOL-450	UG Research or Internship Program	
BIOL-499C	Capstone Seminar in Biology	2
Select one of the following Ecology Focus courses:		
BIOL-315 & 315L	General Ecology and Ecology Field and Lab Practicum	
BIOL-345C	Mountain Field Biology	
BIOL-346C	Desert Field Ecology	
BIOL-348C	Coastal Ecology	
Electives [1]		
Select five lecture/laboratory courses from BIOL or CHEM		20
BIOL-302 & 302L	Comparative Vertebrate Anatomy and Comp Vertebrate Anatomy Lab	
BIOL-315 & 315L	General Ecology and Ecology Field and Lab Practicum	
BIOL-335	Biology of Cancer	
BIOL-365 & 365L	Neurobiology of Learning and Memory and Neurobiology of Learning/Memory Lab	
BIOL-345C	Mountain Field Biology	
BIOL-346C	Desert Field Ecology	
BIOL-348C	Coastal Ecology	
BIOL-402 & 402L	Histology and Histology Lab	
BIOL-432 & 432L	Neuroscience and Neuroscience Lab	
BIOL-440 & 440L	Molecular Biology and Techniques in Molecular Biology	
BIOL-432 & 432L	Neuroscience and Neuroscience Lab	
BIOL-450	UG Research or Internship Program	
BIOL-451 & 451L	Immunology and Immunology Lab	
BIOL-455	Biology Teaching Internship	
BIOL-485	Undergrad Biological Research	
BIOL-403	Biotechnology	
BIOL-404 & 404L	Neuropharmacology and Neuropharmacology Laboratory	
CHEM-305 & 305L	Organic Chemistry II and Organic Chemistry Technqs II	
CHEM-430 & 430L	Biochemistry and Experimental Tech/Biochemistry	
CHEM-435	Adv Biochemistry	
Total Units		70

[1] Students must complete an additional 20 elective units in biology or chemistry. Students should select electives that will prepare them for their careers in graduate studies.

Biology B.S.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		72
Concentrations		24-31
Biomedical Science (p. 55)		
Neurobiology (p. 56)		
Total Units		148-157

Biology Core Curriculum Major Requirements

Code	Title	Units
Biology Core Curriculum Major Requirements		
Lower Division Requirements		
BIOL-111C & 111CL	Principles of Cell and Molecular Biology and Principles of Cell/Moelcular Biology Lab	4
BIOL-112 & 112L	Priciples of Organismal Biology and Principles of Organismal Biology Lab	4
BIOL-220 & 220L	Cell Biology and Cell Biology Lab	4
CHEM-120 & 120L	General Chemistry I and General Chemistry I Lab	4
CHEM-121 & 121L	General Chemistry II and General Chemistry II Lab	4
MATH-180C	Calculus 1	4
PSCI-223C & 223CL	Mechanics and Heat and Mechanics and Heat Lab	4
or PSCI-130 & 130CL	Introduction to Physics I and General Physics I Lab	
PSCI-225 & 225L	Electricity, Magnetism/Light and Electricity/Magntsm/Light Lab	4
or PSCI-131 & 131L	General Physics II and General Physics II Lab	
Upper Division Requirements		
BIOL-309 & 309L	Microbiology and Microbiology Laboratory	4
BIOL-311 & 311L	Genetics and Genetics Laboratory	4
CHEM-304 & 304L	Organic Chemistry I and Organic Chemistry Techniques I	4
BIOL-485	Undergrad Biological Research	2
or BIOL-488	Biology Senior Project	
or BIOL-450	UG Research or Internship Program	
BIOL-499C	Capstone Seminar in Biology	2
Select one of the following Ecology Focus courses:		4
BIOL-315 & 315L	General Ecology and Ecology Field and Lab Practicum	
BIOL-345C	Mountain Field Biology	
BIOL-346C	Desert Field Ecology	
BIOL-348C	Coastal Ecology	
Electives [1]		
Select five lecture/lab courses from BIOL and CHEM		20
BIOL-302 & 302L	Comparative Vertebrate Anatomy and Comp Vertebrate Anatomy Lab	
BIOL-315 & 315L	General Ecology and Ecology Field and Lab Practicum	
BIOL-335	Biology of Cancer	
BIOL-365 & 365L	Neurobiology of Learning and Memory and Neurobiology of Learning/Memory Lab	
BIOL-345C	Mountain Field Biology	
BIOL-346C	Desert Field Ecology	
BIOL-348C	Coastal Ecology	
BIOL-402 & 402L	Histology and Histology Lab	
BIOL-403	Biotechnology	
BIOL-404 & 404L	Neuropharmacology and Neuropharmacology Laboratory	
BIOL-432 & 432L	Neuroscience and Neuroscience Lab	
BIOL-440 & 440L	Molecular Biology and Techniques in Molecular Biology	
BIOL-450	UG Research or Internship Program	
BIOL-451 & 451L	Immunology and Immunology Lab	
BIOL-455	Biology Teaching Internship	
BIOL-485	Undergrad Biological Research	
CHEM-305 & 305L	Organic Chemistry II and Organic Chemistry Techniques II	
CHEM-430 & 430L	Biochemistry and Experimental Tech/Biochemistry	
CHEM-435	Adv Biochemistry	
Total Units		72

Concentrations

Biomedical Science Concentration

Students seeking the B.S. in biology with a concentration in Biomedical Sciences must complete the Lower and Upper Division core requirements and the following courses.

Code	Title	Units
PSYC-103C	Introduction to Psychology	3
MATH-181C	Calculus II	3-4
or MATH-270C	Health Professions Statistical Methods	
CHEM-305 & 305L	Organic Chemistry II and Organic Chemistry Techniques II	4
CHEM-430 & 430L	Biochemistry and Experimental Tech/Biochemistry	4

BIOL-304 & 304L	Human Physiology and Human Physiology Lab	4
BIOL-302 & 302L	Comparative Vertebrate Anatomy and Comp Vertebrate Anatomy Lab	4
Electives		
Select two lecture/laboratory courses from BIOL		8
Total Units		30-31

Neurobiology Concentration

Students seeking the B.S. in biology with a concentration in Neurobiology must complete the Lower and Upper Division core requirements and the following courses.

Code	Title	Units
CHEM-305 & 305L	Organic Chemistry II and Organic Chemistry Technqs II	4
CHEM-430 & 430L	Biochemistry and Experimental Tech/Biochemistry	4
BIOL-432 & 432L	Neuroscience and Neuroscience Lab	4
BIOL-440 & 440L	Molecular Biology and Techniques in Molecular Biology	4
BIOL-365 & 365L	Neurobiology of Learning and Memory and Neurobiology of Learning/Memory Lab	4
BIOL-404 & 404L	Neuropharmacology and Neuropharmacology Laboratory	4
Total Units		24

Four Year Plan

Course	Title	Units
Year 1 Term 1		
KINE-146C	Lifetime Fitness/Well Activity	1
NT-101C	New Testament Survey	3
BIOL-111C	Principles of Cell and Molecular Biology	3
BIOL-111CL	Principles of Cell/Moelcular Biology Lab	1
CHEM-120	General Chemistry I	3
CHEM-120L	General Chemistry I Lab	1
CORE-100C	Cornerstone	1
	Units	13
Year 1 Term 2		
KINE-145C	Lifetime Fitness/Wellness Lect	1
BIOL-112	Priciples of Organismal Biology	3
BIOL-112L	Principles of Organismal Biology Lab	1
SOC-PLHD	Social Science Requirement	3
MATH-PLSTAT	Math Sci Stat Or Into to Stat	3
	Units	11
Year 2 Term 1		
ENGL-120C	Persuasive Writing	3
BIOL-220	Cell Biology	3
BIOL-220L	Cell Biology Lab	1
THEO-101C	Foundations of Christian Life	3
COMM-201	Speech Comp/Presentation	3
BIOL-PLHD4	Biology Elective	4
	Units	17
Year 2 Term 2		
BIOL-309	Microbiology	3
BIOL-309L	Microbiology Laboratory	1
OT-201C	Old Testament Survey	3
FINA-PLHD	Fine Arts Requirement	3
MATH-180C	Calculus 1	4
	Units	14
Year 3 Term 1		
PSCI-130C	General Physics I	3
PSCI-130CL	General Physics I Lab	1
SOC-PLHD	Social Science Requirement	3
HIST-PLHD	History Core Requirement	3
CHEM-304	Organic Chemistry I	3
CHEM-304L	Organic Chemistry Techniques I	1
	Units	14
Year 3 Term 2		
BIOL-311	Genetics	3
BIOL-311L	Genetics Laboratory	1
PSCI-131	General Physics II	3
PSCI-131L	General Physics II Lab	1
BIOL-346C	Desert Field Ecology	4
HSPS-PLCR	Hsps Core Requirement	3
	Units	15
Year 4 Term 1		
ENGL-220C	Researched Writing	3
BIOL-488	Biology Senior Project	2
THEO-300C	Developoing a Christian World View	3
BIOL-PLHD8	Biology Elective 8 Units	8
	Units	16
Year 4 Term 2		
BIOL-499C	Capstone Seminar in Biology	2
ENGL-230C	Literature and the Human Experience	3
BIOL-PLHD8	Biology Elective 8 Units	8
CHIS-400C	Christian Heritage	3
	Units	16
	Total Units	116

Biology Minor

Requirements

A minor in Biology comprised of 20 units of any Biology (BIOL) courses with a minimum of 12 units taken at Vanguard.

Biology with an Education Minor (VISTA)

Requirements

Students seeking the B.S. in Biology Teacher Education with a minor in Education must complete the Lower and Upper Division core requirements and the following courses.

Code	Title	Units
Requirements		
MATH-265C	Intro to Statistical Methods	3
or MATH-270C	Health Professions Statistical Methods	
POLS-155C	U.S. Government	3
ENGL-453	Language,Culture/Linguistics	3
Electives		
Select one lecture/laboratory course from BIOL		4
Credentialing Coursework		
EDUC-424	Found/Teaching for Single Subj	2
EDUC-426	Instr Des/Subj Spec Pedag-Mltp	4
EDUC-434	Curr Unit Planning/Single Subj	2
EDUC-435	Early Supervsd Fldwrk-Sngl Sub	4
EDUC-442	CalTPA Cycle 1	0.5
EDUC-443	CalTPA Cycle 2	0.5
EDUC-444	Lang Acquisition/Second Studnt	1
EDUC-447	Metacogntn/Rdg Strategies-Sec	1
EDUC-452	Literacy in the Content Area	1
EDUC-464	Use of Technology in the Classroom	1
EDUC-488	Clinical Practice Seminar Single Subject	2
EDUC-489	Clinical Practice Fieldwork for Single S	8
Total Units		40

Four Year Plan

Course	Title	Units
Year 1 Term 1		
KINE-146C	Lifetime Fitness/Well Activity	1
NT-101C	New Testament Survey	3
BIOL-111C	Principles of Cell and Molecular Biology	3
BIOL-111CL	Principles of Cell/Moelcular Biology Lab	1
CHEM-120	General Chemistry I	3
CHEM-120L	General Chemistry I Lab	1
CORE-100C	Cornerstone	1
	Units	13
Year 1 Term 2		
KINE-145C	Lifetime Fitness/Wellness Lect	1
OT-201C	Old Testament Survey	3
POLS-155C	U.S. Government	3
BIOL-112	Priciples of Organismal Biology	3
BIOL-112L	Principles of Organismal Biology Lab	1
SOC-PLHD	Social Science Requirement	3
CHEM-121	General Chemistry II	3
CHEM-121L	General Chemistry II Lab	1
	Units	18
Year 2 Term 1		
ENGL-120C	Persuasive Writing	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
BIOL-220	Cell Biology	3
BIOL-220L	Cell Biology Lab	1
SOC-PLHD	Social Science Requirement	3
HIST-PLHD	History Core Requirement	3
THEO-PLHD	Theology Core Requirement	3
	Units	17
Year 2 Term 2		
BIOL-309	Microbiology	3
BIOL-309L	Microbiology Laboratory	1
BIOL-311	Genetics	3
BIOL-311L	Genetics Laboratory	1
THEO-300C	Developoing a Christian World View	3
FINA-PLHD	Fine Arts Requirement	3
ANTH-453	Language,Culture/Linguistics	3
	Units	17
Year 3 Term 1		
EDUC-315	Teaching/Multicultural Setting	3
ENGL-220C	Researched Writing	3
BIOL-485	Undergrad Biological Research	1-4
PSCI-130C	General Physics I	3
PSCI-130CL	General Physics I Lab	1
CHEM-304	Organic Chemistry I	3
CHEM-304L	Organic Chemistry Techniques I	1
COMM-201C	Speech Comp/Presentation	3
	Units	18-21
Year 3 Term 2		
PSCI-131	General Physics II	3
PSCI-131L	General Physics II Lab	1
ENGL-230C	Literature and the Human Experience	3
BIOL-PLHD4	Biology Elective	4
BIOL-PLBCHM	Field Ecology Or Microbiology	4
CHIS-400C	Christian Heritage	3
	Units	18
Year 4 Term 1		
EDUC-464	Use of Technology in the Classroom	1
EDUC-452	Literacy in the Content Area	1
EDUC-447	Metacogntn/Rdg Strategies-Sec	1
EDUC-444	Lang Acquisition/Second Studnt	1
EDUC-435	Early Supervsd Fldwrk-Sngl Sub	4
EDUC-424	Found/Teaching for Single Subj	2
EDUC-426	Instr Des/Subj Spec Pedag-Mltp	4
EDUC-442	CalTPA Cycle 1	0.5
	Units	14.5

Year 4 Term 2		
BIOL-499C	Capstone Seminar in Biology	2
EDUC-489	Clinical Practice Fieldwork for Single S	8
EDUC-488	Clinical Practice Seminar Single Subject	2
EDUC-434	Curr Unit Planning/Single Subj	2
EDUC-443	CalTPA Cycle 2	0.5
	Units	14.5
	Total Units	130-133

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. Coursework in all majors is viewed from a global perspective and includes the undergraduate Business and Management Core Requirements and additional units in the specific major as listed below. Students are responsible to meet prerequisite requirements of any course in which they enroll. Students must achieve a minimum grade of "C" in all business courses required for undergraduate Business, Accounting, and Marketing majors and Business minors 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.

Programs

- Accounting B.A. (p. 62)
- Business Administration B.A. (p. 63)
- Business Minor (p. 64)
- Marketing B.A. (p. 64)

Courses

Accounting

ACCT-225 Principles of Financial Accounting 4 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: MATH116 or MATH170

ACCT-321 Accounting and Finance for Decision Making 4 Credits
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-volume-profit 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

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-325; Minimum grade of 'C' or better.

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.

ACCT-332 Cost Accounting 3 Credits

ACCT-333 Cost Accounting II 3 Credits

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 with a 'C' or better.

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, for-profit complex corporate entities, state and local governments, health and welfare organizations, and government and non-government universities.

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 with a 'C' or better.

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.

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.

Business Administration

BUSN-101 Microsoft Word 1 Credit

BUSN-102 Bus Math & Computer Applicatns 3 Credits

BUSN-103 Microsoft Excel 1 Credit

BUSN-104 Intro/Business Writing 1 Credit
An introduction to various forms of written workplace communications and strategies for a variety of business situations requiring written communication, including email, memorandums, meeting minutes, business letters, and employee reviews. Topics include context, purpose, audience, style, organization, format, grammar, analyzing data, addressing diverse concerns, presenting information, technology options, results, and strategies for effectively writing typical workplace messages. Also includes a brief introduction to academic case writing.

BUSN-105 Microsoft Access 2 Credits

BUSN-106 Intro to Ethical Reasoning for Business 1 Credit
This course focuses on ethical issues in the marketplace. It will provide an opportunity for students to experience theoretical and practical problems of moral conduct in the field of business. The course emphasizes both the philosophical foundations of ethical conduct and the practical problems encountered in the day-to-day conduct of business affairs. Several major ethical theories are reviewed with special attention given to understanding a Christian approach to business. Students are asked to examine and integrate personal values and faith commitments through readings and other supporting materials. Questions such as, 'Can business 'do good' and 'do well'?' and 'Are business ethics a viable goal or an unachievable ideal?' will be addressed.

BUSN-107 Microsoft Powerpoint 1 Credit

BUSN-108 Intro/Oral Business Comm 1 Credit
This course is designed to introduce the student to communication concepts, theories, and skills which people use in professional settings. Topics include: informative and persuasive presentations - individually and as a group, leading and participating in meetings, business terminology, etc. The course is practical in nature, as such, in time students will develop their oral competence through hands-on exercises, presentations, and case studies. Methods for organizing ideas, analyzing data, formatting information, understanding audience needs, and developing a professional communication style are covered.

BUSN-109 Microsoft Outlook 1 Credit

BUSN-114 Introduction to Business 3 Credits
A basic survey of the scope, function, and organization of modern business.

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.

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.

BUSN-215 Principles/Economics I-Macro 3 Credits
An introduction to the principles of economic analysis, economic institutions, and issues of public policy.
Prerequisite: MATH-116 or MATH-170; and BUSN-165C orPSYC-265C or its equivalent.

BUSN-216 Principles/Economics II-Micro 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.
Prerequisite: MATH-116 or MATH-170; and BUSN-165C orPSYC-265C or its equivalent.

BUSN-291 Special Topic in Business 1 Credit
Study of a special topic in business. May be repeated for credit provided topics are dissimilar.

BUSN-292 Special Topic in Business 2 Credits
Study of a special topic in business. May be repeated for credit provided topics are dissimilar.

BUSN-293 Special Topic in Business 3 Credits
Study of a special topic in business. May be repeated for credit provided topics are dissimilar.

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.

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.

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-326 Tax Accounting 3 Credits

BUSN-344 Business Communication 3 Credits
This experiential course develops students' ability to effectively communicate in the business world. Refining students' business writing and communication skills will be done through focusing on personal branding, job search and interview processes, and business presentation and writing.

BUSN-432 Enactus 1-3 Credits
An experiential learning course that gives students practical experience in setting up business-related educational programs that serve the community. Students develop project concepts and proposals, and manage the implementation of approved plans. Budgets are established and managed. Results are evaluated and presented. May be repeated for a maximum of 6 units applicable toward 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 sex units per semester between BUSN-432, BUSN-450, and BUSN-451.

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.

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.

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.

BUSN-455C Business Policy and Strategy 4 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.

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.

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.

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

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.

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.

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.

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.

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.

Management

MNGT-224 Career Transitions: Landing Your Ideal 3.0 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-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.
Prerequisite: BUSN-114

MNGT-330 Nonprofit Management 3 Credits
Integrates research, theory, and application into an overview of the management of nonprofit organizations, including the scope and structure of the nonprofit sector, fundraising and earned income strategies, nonprofit lobbying and advocacy, managing international and global organizations, and social entrepreneurship. This course is open to all students with Sophomore, Junior, or Senior standing.
Prerequisite: MNGT-325

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.

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.
Prerequisite: MNGT-325

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.
Prerequisite: MNGT-325

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.

MNGT-425 Career Transitions: Landing Your Ideal Job 3.0 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-452 Summer Study Tours 1-8 Credits
Occasional Summer trips to international sites. Will include some coursework along with travel and tour. Units are computed according to the duration of the tour and the hours of instruction, 1 unit per week of travel.

MNGT-457 Semester Study Abroad 12-16 Credits

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.

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.

Marketing

MRKT-322 Direct & Interactive Marketing 3 Credits
Principles and strategies for direct and Internet marketing. Includes study of techniques and methodology for maximizing effectiveness of programs. Integrated with overall marketing plan development.

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-116 or MATH-170; and BUSN-165C orPSYC-265C or its equivalent.

MRKT-362 Advertising & Promotion 3 Credits
Advertising and promotion principles and concepts. Includes practical application of textbook learning. Creative development of TV, radio and print advertising, and consumer promotions. Development of advertising, media, and promotion plans.

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.

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

MRKT-367 Multinational Marketing 3 Credits
Models for delivery of international promotions are studied with an emphasis upon cross-cultural considerations and complications.

MRKT-368 Retailing/Merchandise 3 Credits
Focuses upon those distribution channels, promotional techniques, and customer relations unique to the retail industry. Special emphasis is directed toward individual development of marketing plans.

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.

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.

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, non-profit, 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 orBUSN-317; and MRKT-360 with a 'C' or better.

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.

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.

Accounting B.A.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Business and Management Core Requirements		42
Accounting Major		18
Total Units		112-114

Business and Management Core Requirements for all Majors

Code	Title	Units
Lower Division		
BUSN-114	Introduction to Business	3
MATH-116	College Algebra	3
or MATH-170	Precalculus	
BUSN-125	Computer Applications	3
BUSN-165C	Business Statistics	3
BUSN-215	Principles/Economics I-Macro	3
BUSN-216	Principles/Economics II-Micro	3
ACCT-225	Principles of Financial Accounting	4
Upper Division		
BUSN-316	Legal Aspects/Business Process	3
or BUSN-317	Legal & Ethical Environ/Busin	
ACCT-321	Accounting and Finance for Decision Making	4
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)	4
Total Units		42

Accounting Major

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-427	Auditing	3
ACCT-428	Advanced Accounting	3
ACCT-440	Federal Taxation-Individual	3
ACCT-442	Federal Taxation-Corporate	3
Total Units		18

Four Year Plan

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
MATH-265C	Intro to Statistical Methods	3
BUSN-114	Introduction to Business	3
THEO-101C	Foundations of Christian Life	3
SOC-PLHD	Social Science Requirement	3
CORE-100C	Cornerstone	1
	Units	16
Year 1 Term 2		
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
NT-101C	New Testament Survey	3
BUSN-125	Computer Applications	3
SOC-PLHD	Social Science Requirement	3
HSPS-PLCR	Hsps Core Requirement	3
MATH-PLHDAC	Math Algebra Or Precalculus	3
	Units	17
Year 2 Term 1		
ENGL-220C	Researched Writing	3
ACCT-225	Principles of Financial Accounting	4
NSCI-PLHD	Lab Science Requirement	4
BUSN-PLHDEC	Macro Or Micro Economics	3

COMM-201C	Speech Comp/Presentation	3
	Units	17
Year 2 Term 2		
HIST-203C	World Civilizations I	3
OT-201C	Old Testament Survey	3
FINA-PLHD	Fine Arts Requirement	3
BUSN-PLHDEC	Macro Or Micro Economics	3
ACCT-321	Accounting and Finance for Decision Making	4
	Units	16
Year 3 Term 1		
ACCT-324	Intermediate Accounting I	3
FINC-335	Corporate Finance	3
MNGT-325	Management Theory/Practice	3
MRKT-360	Principles of Marketing	3
ENGL-230C	Literature and the Human Experience	3
	Units	15
Year 3 Term 2		
ACCT-325	Intermediate Accounting II	3
THEO-300C	Developoing a Christian World View	3
ELCT-PLHD6	Electives 6 Units	6
BUSN-PLHDLE	Legal Aspects/Legal Ethical	3
	Units	15
Year 4 Term 1		
ACCT-427	Auditing	3
ACCT-440	Federal Taxation-Individual	3
ELCT-PLHD6	Electives 6 Units	6
BUSN-PLUD3	Upper Division Business Elct	3
	Units	15
Year 4 Term 2		
ACCT-428	Advanced Accounting	3
ACCT-442	Federal Taxation-Corporate	3
BUSN-455C	Business Policy and Strategy	4
ELCT-PLUD3	Upper Div Elective 3 Units	3
CHIS-400C	Christian Heritage	3
	Units	16
	Total Units	127

Business Administration B.A.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Business and Management Core Requirements		42
Business Administration Major		18
Total Units		112-114

Business and Management Core Requirements for all Majors

Code	Title	Units
Lower Division		
BUSN-114	Introduction to Business	3
MATH-116	College Algebra	3
or MATH-170	Precalculus	
BUSN-125	Computer Applications	3
BUSN-165C	Business Statistics	3
BUSN-215	Principles/Economics I-Macro	3
BUSN-216	Principles/Economics II-Micro	3
ACCT-225	Principles of Financial Accounting	4
Upper Division		
BUSN-316	Legal Aspects/Business Process	3
or BUSN-317	Legal & Ethical Environ/Busin	
ACCT-321	Accounting and Finance for Decision Making	4
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)	4
Total Units		42

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		18

Four Year Plan

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
MATH-265C	Intro to Statistical Methods	3
BUSN-114	Introduction to Business	3
SOC-PLHD	Social Science Requirement	3
THEO-PLHD	Theology Core Requirement	3

CORE-100C	Cornerstone	1
	Units	16
Year 1 Term 2		
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
NT-101C	New Testament Survey	3
BUSN-125	Computer Applications	3
SOC-PLHD	Social Science Requirement	3
HSPS-PLCR	Hsps Core Requirement	3
MATH-PLHDAC	Math Algebra Or Precalculus	3
	Units	17
Year 2 Term 1		
ENGL-220C	Researched Writing	3
OT-201C	Old Testament Survey	3
NSCI-PLHD	Lab Science Requirement	4
BUSN-PLHDEC	Macro Or Micro Economics	3
COMM-201C	Speech Comp/Presentation	3
	Units	16
Year 2 Term 2		
ACCT-225	Principles of Financial Accounting	4
ENGL-230C	Literature and the Human Experience	3
FINA-PLHD	Fine Arts Requirement	3
HIST-PLHD	History Core Requirement	3
BUSN-PLHDEC	Macro Or Micro Economics	3
	Units	16
Year 3 Term 1		
FINC-335	Corporate Finance	3
MNGT-325	Management Theory/Practice	3
MRKT-360	Principles of Marketing	3
ELCT-PLHD3	Elective 3 Units	3
ACCT-321	Accounting and Finance for Decision Making	4
	Units	16
Year 3 Term 2		
THEO-300C	Developoing a Christian World View	3
ELCT-PLHD3	Elective 3 Units	3
BUSN-PLHDLE	Legal Aspects/Legal Ethical	3
MNGT-3XX	Management Elective - 300 Elective	1-6
MRKT-3XX	Marketing Elective - 300 Level	1-6
	Units	11-21
Year 4 Term 1		
BUSN-PLUD3	Upper Division Business Elct	3
ELCT-PLUD3	Upper Div Elective 3 Units	3
ACCT-3XX	Accounting Elective - 300 Level	1-6
BUSN-2XX	Business Elective - 200 Level	1-6
BUSN-3XX	Business Elective -300 Level	1-6
	Units	9-24
Year 4 Term 2		
BUSN-455C	Business Policy and Strategy	4
ELCT-PLHD6	Electives 6 Units	6
ELCT-PLUD3	Upper Div Elective 3 Units	3
CHIS-400C	Christian Heritage	3
	Units	16
	Total Units	117-142

Business Minor

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.

Requirements

Code	Title	Units
Business Minor Requirements		
BUSN-114	Introduction to Business	3
MATH-116	College Algebra	3
or MATH-170	Precalculus	
BUSN-165C	Business Statistics	3
or MATH-265C	Intro to Statistical Methods	
ACCT-225	Principles of Financial Accounting	4
MNGT-325	Management Theory/Practice	3
MRKT-360	Principles of Marketing	3
Electives (3 units must be Upper Division)		3
Total Units		22

Marketing B.A.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Business and Management Core Requirements		39
Marketing Major		18
Total Units		109-111

Business and Management Core Requirements for all Majors

Code	Title	Units
Lower Division		
BUSN-114	Introduction to Business	3
MATH-116	College Algebra	3
or MATH-170	Precalculus	
BUSN-125	Computer Applications	3
BUSN-165C	Business Statistics	3
BUSN-215	Principles/Economics I-Macro	3
BUSN-216	Principles/Economics II-Micro	3
ACCT-225	Principles of Financial Accounting	4
Upper Division		
BUSN-316	Legal Aspects/Business Process	3

or BUSN-317	Legal & Ethical Environ/Busin	
ACCT-321	Accounting and Finance for Decision Making	4
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)	4
Total Units		42

Marketing Major

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	Publ Rel: Corp Comm,Info Mgt	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

Four Year Plan

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
MATH-265C	Intro to Statistical Methods	3
BUSN-114	Introduction to Business	3
SOC-PLHD	Social Science Requirement	3
THEO-PLHD	Theology Core Requirement	3
CORE-100C	Cornerstone	1
	Units	16
Year 1 Term 2		
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
NT-101C	New Testament Survey	3
BUSN-125	Computer Applications	3
SOC-PLHD	Social Science Requirement	3
HSPS-PLCR	Hsps Core Requirement	3
MATH-PLHDAC	Math Algebra Or Precalculus	3
	Units	17
Year 2 Term 1		
ENGL-220C	Researched Writing	3
OT-201C	Old Testament Survey	3
NSCI-PLHD	Lab Science Requirement	4
BUSN-PLHDEC	Macro Or Micro Economics	3
COMM-201C	Speech Comp/Presentation	3
	Units	16
Year 2 Term 2		
ACCT-225	Principles of Financial Accounting	4
ENGL-230C	Literature and the Human Experience	3
FINA-PLHD	Fine Arts Requirement	3
HIST-PLHD	History Core Requirement	3
BUSN-PLHDEC	Macro Or Micro Economics	3
	Units	16
Year 3 Term 1		
FINC-335	Corporate Finance	3
MNGT-325	Management Theory/Practice	3
MRKT-360	Principles of Marketing	3
ELCT-PLHD3	Elective 3 Units	3
ACCT-321	Accounting and Finance for Decision Making	4
	Units	16
Year 3 Term 2		
MRKT-365	Marketing Research	3
MRKT-369	Consumer Behavior	3
THEO-300C	Developoing a Christian World View	3
ELCT-PLHD3	Elective 3 Units	3
BUSN-PLHDLE	Legal Aspects/Legal Ethical	3
	Units	15
Year 4 Term 1		
MRKT-366	Sales & Sales Management	3
MRKT-464	Strategic Marketing	3
ELCT-PLHD3	Elective 3 Units	3
BUSN-PLUD3	Upper Division Business Elct	3
COMM-378	Publ Rel: Corp Comm,Info Mgt	3
	Units	15
Year 4 Term 2		
BUSN-455C	Business Policy and Strategy	4
ELCT-PLHD6	Electives 6 Units	6
ELCT-PLUD3	Upper Div Elective 3 Units	3
CHIS-400C	Christian Heritage	3
	Units	16
	Total Units	127

Department of Chemistry

Mission: The Chemistry Department 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 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 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.

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 shall also confer with a faculty advisor to plan a program to meet the student's needs and assure entrance into such a school.

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.

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 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 is 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 under this option must include CHEM-120 General Chemistry I, CHEM-121 General Chemistry II, CHEM-304 Organic Chemistry I, CHEM-430 Biochemistry, and PSCI-225 Electricity, Magnetism/Light. They should also take EDUC-315 Teaching/Multicultural Setting, ENGL-453 Language,Culture/Linguistics and POLS-155C U.S. Government (see requirements tab).

Students must fulfill the core requirements and the requirements for one of the four specific degrees offered.

Programs

- Biochemistry B.S. (p. 72)
- Chemistry B.S. (p. 73)
- Chemistry Minor (p. 74)
- Chemistry with an Education Minor (VISTA) (p. 75)
- Engineering Physics B.S. (p. 76)
- Environmental Sciences B.S. (p. 77)

Courses

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 and 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

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, oxidation-reduction reactions, household chemical qualitative analysis. Laboratory three hours. Lab fee.
Co-Requisite: Concurrent: CHEM-112C

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 non-majors. Lecture three hours.

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 analgesic, 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.

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/CL. After successful completion of CHEM 112C/CL, the student can re-enter. Three hours lecture per week.
Prerequisite: CHEM-112C or passing score on the ChemistryPlacement Exam.
Co-Requisite: CHEM-120L

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
Co-Requisite: CHEM-120

CHEM-120R General Chemistry I Recitation 1 Credit
Recitation section to accompany CHEM 120. This course develops problem solving skills of students studying the fundamental concepts presented in CHEM 120 including: chemical reactions, stoichiometry, atomic structure, chemical bonding, changes in state, and the periodic table. One hour recitation session per week; credit/fail course.

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

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

CHEM-121R General Chemistry II Recitation 1 Credit
This course develops problem solving skills of students studying the fundamental concepts presented in CHEM 121 including: Fundamental concepts including kinetics, equilibrium, thermodynamics, and electrochemistry. Special topics will include nuclear chemistry, transition metal periodicity and coordination compounds. One hour recitation session per week; credit/fail course.

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, organi, and biochemistry. The following topics will be surveyed: mater and engergy, atomic theory, stoichiometry, nomenclaure, the periodic table, atominc structure, gas liquid and solid states, solutions, neclear chemistry, functional groups, alkanes, alkenes, alcohols, ethers, aldehydes, ketones, amines, carboxylic acides, 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 nusing discipline), writing and interpreting chemical formulas, DNA replication, transciprtion and translation. In addition, the student should devlop an appreciation for the importance of chemistry in other disciplines. (Meets Chemistry requirement for RN to BSN students; meetts Science/Lab requirement for Professional Studies students). Also meets Lab CORE Science Requirement for the tranditional undergraduate student when taken with CHEM-201CL.
Prerequisite: BIOL-205 or BIOL-210

CHEM-210L Integrated Chemistry Laboratory 1 Credit
A complementary laboratory chourse to CHEM-201C emphasizing teh study of matter and properties. This hands-on course teaches basic techniques used in chemistry lab. Sample experiments include: separation of componds, chemical precipitation reactions, oxidation-reduction reactions, houshold chemical qualitive analysis. Further, the organic synthesis of aspirin or other analgesic, synthesis of esters, separation of compounds unsing chromatographic techniques, synthesis of organic dyes, combustion of carbohydrates, analysis of proteins and DNA are prefromed. This course is designed for students in the health sciences, liberal studiesm or as a general science for non-majors. This course fulfills the LAB CORE science requirement. Laboratory three hours. Lab fee.

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.

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.

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

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

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

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

CHEM-304R Organic Chemistry I Recitation 1 Credit
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. Significant time will be devoted to problem solving in Organic Chemistry 1 topics in a cooperative group setting. One hour of lecture and one hour of online work per week; credit/fail course.

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.

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.

CHEM-305R Organic Chemistry II Recitation 1 Credit
This course introduces basic spectropscopic techniques of organic chemistry and biochemistry: IR, 1D and 2D NMR spectrometry, and MS with some discussion of UV/visible spectrophotometry. Multi-spectral identification of organic compounds is emphasized. Significant time will be devoted to problem solving in Organic Chemistry II topics in a cooperative group setting. One hour of lecture and one hour of online work per week; credit/fail course.

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.

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.

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

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

CHEM-435 Adv 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 ~6 hours of online assignments per week.

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

CHEM-440L Instrumental Analysis Lab 2 Credits
Prerequisite: CHEM-252L
Co-Requisite: CHEM-440

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 projt report and presenting their research results in CHEM-499C.
Prerequisite: CHEM-121

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, recitation and/or laboratory sessions. This course may be taken for 1-3 units per semester. May be repeated for a maximum of six units.

CHEM-456 Physical Chemisry: 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.

CHEM-456L Physical Chem Technique Lab 1-2 Credits

CHEM-457 Phys Chem: 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.

CHEM-458 Phys Chem: 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.

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.

CHEM-480 Individual Studies: 1-4 Credits

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 of laboratory work is required per unit. May be repeated. 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.

Environmental Sciences

ENVR-150C Intro to Environmental Sci 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

ENVR-150CL Intro to Environmental Sci 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

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.

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

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 soild. Lecture, 3 hours.

ENVR-305L Intro to Soil Sciences 1 Credit

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.

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.

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.

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.

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.

Physical Science

PSCI-130 Introduction to Physics I 3 Credits

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. Three hours of lecture. This course fulfills the core curriculum lecture requirement in natural sciences.
Prerequisite: MATH-117 or MATH-170
Co-Requisite: PSCI-130CL or PSCI-130CR

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. This course fulfills the core curriculum laboratory requirement in the natural sciences. Laboratory three hours. Lab fee.
Prerequisite: MATH-117 or MATH-170
Co-Requisite: PSCI-130C

PSCI-130CR Gen Physics I Recitation 1 Credit
This course reinforces the basic tenets of physics introduced in the lecture course. This course encourages practical and analytical thinking about kinematics, Newton's Laws, rotational motion, fluid mechanics, and laws of thermodynamics. One hour problem-solving session per week; credit/fail course.

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.

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.

PSCI-131R Gen Physics II Recitation 1 Credit
This course reinforces the basic tenets of physics introduced in the lecture course. This course encourages practical and analytical thinking about mechanical waves, sound, Coulomb's Law, electrostatics, electric circuits, introductory electronics, magnetic fields, induction, wave mechanics, geometrical optics, interference, diffraction, and polarization. One hour problem-solving session per week; credit/fail course.

PSCI-215 Fundamentals of Earth Sci 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)

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 215CL.

PSCI-215CL Fundamentals of Earth Science Lab 1 Credit
Co-Requisite: PSCI-215C

PSCI-216 Fundamentals of Physical Sci 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 Sci 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.

PSCI-216CL Fundamentals of Phys Sci Lab 1 Credit

PSCI-223C Mechanics and Heat 3 Credits
Kinematics, Newton's Laws, rotational motion, fluid mechanics, and laws of thermodynamics. Three hours of lecture.
Prerequisite: MATH-180
Co-Requisite: PSCI-223CL or PSCI-223CR

PSCI-223CL Mechanics and Heat 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. Laboratory three hours. Lab fee.
Prerequisite: MATH-180
Co-Requisite: PSCI-223C

PSCI-223CR Mechanics and Heat Recitation 1 Credit
This course reinforces the basic tenets of physics introduced in the lecture course. This course encourages practical and analytical thinking about kinematics, Newton's Laws, rotational motion, fluid mechanics, and laws of thermodynamics. One hour problem-solving session per week; credit/fail course.

PSCI-225 Electricity, Magnetism/Light 3 Credits
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.

PSCI-225L Electricity/Magntsm/Light 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. Laboratory three hours. Lab fee.

PSCI-225R Electricity, Magnetism/Light Recitation 1 Credit
This course reinforces the basic tenets of physics introduced in the lecture course. This course encourages practical and analytical thinking about mechanical waves, sound, Coulomb's Law, electrostatics, electric circuits, introductory electronics, magnetic fields, induction, wave mechanics, geometrical optics, interference, diffraction, and polarization. One hour problem-solving session per week; credit/fail course.

PSCI-227 Modern Physics 3 Credits
Relativity, photoelectric effect, quantum theory, Bohr model of the atom, photons and matter waves, atoms, nuclear physics, energy from the nucleus, quarks, leptons, and cosmology.

PSCI-291 Special Topic: 1 Credit
Study of a special topic in physical science. May be repeated for credit. May have a lab fee.

PSCI-292 Special Topic: 2 Credits

PSCI-293 Special Topic: 3-4 Credits

PSCI-294 Special Topic: 4 Credits

PSCI-470 Special Topic: 3-4 Credits
Special topics in physical science. May be repeated for credit. May have a lab fee.

Biochemistry B.S.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		69
Total Units		121-123

Biochemistry Major

Code	Title	Units
Lower Division Biochemistry Core Courses		
BIOL-111C & 111CL	Principles of Cell and Molecular Biology and Principles of Cell/Moelcular Biology Lab	4
CHEM-120 & 120L	General Chemistry I and General Chemistry I Lab	4
CHEM-121 & 121L	General Chemistry II and General Chemistry II Lab	4
CHEM-252 & 252L	Analytical Chemistry and Analytical Chem Techniques	4
MATH-180C	Calculus 1	4
MATH-181C	Calculus II	4
PSCI-223C & 223CL	Mechanics and Heat and Mechanics and Heat Lab	4
PSCI-225 & 225L	Electricity, Magnetism/Light and Electricity/Magntsm/Light Lab	4
Upper Division Biochemistry Core Classes		
CHEM-304 & 304L	Organic Chemistry I and Organic Chemistry Techniques I	4
CHEM-305 & 305L	Organic Chemistry II and Organic Chemistry Technqs II	4
CHEM-430 & 430L	Biochemistry and Experimental Tech/Biochemistry	4
CHEM-435	Adv Biochemistry	3
CHEM-440 & 440L	Instrumental Analysis and Instrumental Analysis Lab	4
CHEM-456 & 456L	Physical Chemisry: Thermodynamics and Physical Chem Technique Lab	4
CHEM-457	Phys Chem: Kinetics	2
CHEM-458	Phys Chem: Quantum Mechanics	2
CHEM-499C	Chemistry Capstone Seminar	2
Upper Division Biochemistry Electives		
Select any two upper division biology lecture/lab combinations.		8
Total Units		69

Four Year Plan

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
KINE-146C	Lifetime Fitness/Well Activity	1
THEO-101C	Foundations of Christian Life	3
MATH-180C	Calculus 1	4
CHEM-120	General Chemistry I	3
CHEM-120L	General Chemistry I Lab	1
CORE-100C	Cornerstone	1
	Units	16
Year 1 Term 2		
KINE-145C	Lifetime Fitness/Wellness Lect	1
MATH-181	Calculus II	4
NT-101C	New Testament Survey	3
BIOL-111C	Principles of Cell and Molecular Biology	3
BIOL-111CL	Principles of Cell/Moelcular Biology Lab	1
CHEM-121	General Chemistry II	3
CHEM-121L	General Chemistry II Lab	1
	Units	16

Year 2 Term 1		
PSCI-223C	Mechanics and Heat	3
PSCI-223CL	Mechanics and Heat Lab	1
SOC-PLHD	Social Science Requirement	3
FINA-PLHD	Fine Arts Requirement	3
CHEM-252	Analytical Chemistry	3
CHEM-252L	Analytical Chem Techniques	1
	Units	14
Year 2 Term 2		
OT-201C	Old Testament Survey	3
PSCI-225	Electricity, Magnetism/Light	3
PSCI-225L	Electricity/Magntsm/Light Lab	1
CHEM-485	Undergraduate Research	1-4
SOC-PLHD	Social Science Requirement	3
BIOL-PLHD4	Biology Elective	4
	Units	15-18
Year 3 Term 1		
THEO-300C	Developoing a Christian World View	3
CHEM-456	Physical Chemisry: Thermodynamics	2
CHEM-440	Instrumental Analysis	2
CHEM-440L	Instrumental Analysis Lab	2
BIOL-PLHD4	Biology Elective	4
CHEM-304	Organic Chemistry I	3
CHEM-304L	Organic Chemistry Techniques I	1
	Units	17
Year 3 Term 2		
CHEM-456L	Physical Chem Technique Lab	1-2
CHEM-457	Phys Chem: Kinetics	2
BIOL-PLHD4	Biology Elective	4
CHEM-3XX	Chemistry Elective - 300 Level	1-9
CHEM-305	Organic Chemistry II	3
CHEM-305L	Organic Chemistry Technqs II	1
	Units	12-21
Year 4 Term 1		
ENGL-230C	Literature and the Human Experience	3
HSPS-PLCR	Hsps Core Requirement	3
HIST-PLHD	History Core Requirement	3
CHEM-430	Biochemistry	3
CHEM-430L	Experimental Tech/Biochemistry	1
COMM-201C	Speech Comp/Presentation	3
	Units	16
Year 4 Term 2		
ENGL-220C	Researched Writing	3
CHEM-4XX	Chemistry Elective - 400 Level	1
CHEM-435	Adv Biochemistry	3
CHEM-499C	Chemistry Capstone Seminar	2
CHIS-400C	Christian Heritage	3
	Units	12
	Total Units	118-130

Chemistry B.S.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		65-66
Total Units		117-120

Chemistry Major

Code	Title	Units
Lower Division Chemistry Core Courses		
CHEM-120 & 120L	General Chemistry I and General Chemistry I Lab [1]	4
CHEM-121 & 121L	General Chemistry II and General Chemistry II Lab	4
CHEM-252 & 252L	Analytical Chemistry and Analytical Chem Techniques	4
MATH-180C	Calculus 1	4
MATH-181C	Calculus II	4
PSCI-223C & 223CL	Mechanics and Heat and Mechanics and Heat Lab	4
PSCI-225 & 225L	Electricity, Magnetism/Light and Electricity/Magntsm/Light Lab	4
Upper Division Chemistry Core Courses		
CHEM-304 & 304L	Organic Chemistry I and Organic Chemistry Techniques I	4
CHEM-305 & 305L	Organic Chemistry II and Organic Chemistry Technqs II	4
CHEM-430 & 430L	Biochemistry and Experimental Tech/Biochemistry	4
CHEM-440 & 440L	Instrumental Analysis and Instrumental Analysis Lab	4
CHEM-456 & 456L	Physical Chemisry: Thermodynamics and Physical Chem Technique Lab	4
CHEM-457	Phys Chem: Kinetics	2
CHEM-458	Phys Chem: Quantum Mechanics	2
CHEM-485	Undergraduate Research	2
CHEM-499C	Chemistry Capstone Seminar	2
Upper Division Chemistry Electives		
Select one course from the following:		3
CHEM-435	Adv Biochemistry	
CHEM-470	Special Topic:	
And select two courses from the following:		6-7
MATH-207	Computer Programming	
MATH-281	Multivariable Calculus	
MATH-300	Linear Algebra	
MATH-310	Differential Equations	

MATH-365	Probability and Statistics	
MATH-390	Numerical Analysis	
PSCI-227	Modern Physics	
Total Units		65-66

[1] See CHEM-120 General Chemistry I course description for prerequisites.

Four Year Plan

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
NT-101C	New Testament Survey	3
MATH-180C	Calculus 1	4
CHEM-120	General Chemistry I	3
CHEM-120L	General Chemistry I Lab	1
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
KINE-145C	Lifetime Fitness/Wellness Lect	1
MATH-181	Calculus II	4
THEO-101C	Foundations of Christian Life	3
HSPS-PLCR	Hsps Core Requirement	3
CHEM-121	General Chemistry II	3
CHEM-121L	General Chemistry II Lab	1
	Units	15
Year 2 Term 1		
ENGL-220C	Researched Writing	3
MATH-281	Multivariable Calculus	4
PSCI-223C	Mechanics and Heat	3
PSCI-223CL	Mechanics and Heat Lab	1
FINA-PLHD	Fine Arts Requirement	3
	Units	14
Year 2 Term 2		
OT-201C	Old Testament Survey	3
PSCI-225	Electricity, Magnetism/Light	3
PSCI-225L	Electricity/Magntsm/Light Lab	1
SOC-PLHD	Social Science Requirement	3
CHEM-3XX	Chemistry Elective - 300 Level	1-9
	Units	11-19
Year 3 Term 1		
THEO-300C	Developoing a Christian World View	3
CHEM-456	Physical Chemisry: Thermodynamics	2
CHEM-440	Instrumental Analysis	2
CHEM-440L	Instrumental Analysis Lab	2
MATH-3XX	Mathematics Elective - 300 Level	1-9
CHEM-304	Organic Chemistry I	3
CHEM-304L	Organic Chemistry Techniques I	1
	Units	14-22
Year 3 Term 2		
CHEM-456L	Physical Chem Technique Lab	1-2
CHEM-457	Phys Chem: Kinetics	2
CHEM-458	Phys Chem: Quantum Mechanics	2
CHEM-485	Undergraduate Research	1-4
MATH-4XX	Mathematics Elective - 400 Level	1-9
CHEM-305	Organic Chemistry II	3
CHEM-305L	Organic Chemistry Techniqs II	1
	Units	11-23
Year 4 Term 1		
HIST-PLHD	History Core Requirement	3
CHEM-3XX	Chemistry Elective - 300 Level	1-9
CHEM-252	Analytical Chemistry	3
CHEM-252L	Analytical Chem Techniques	1
COMM-201C	Speech Comp/Presentation	3
	Units	11-19
Year 4 Term 2		
KINE-146C	Lifetime Fitness/Well Activity	1
SOC-PLHD	Social Science Requirement	3
CHEM-4XX	Chemistry Elective - 400 Level	1
CHEM-499C	Chemistry Capstone Seminar	2
CHIS-400C	Christian Heritage	3
	Units	10
	Total Units	101-137

Chemistry Minor

Requirements

Code	Title	Units
CHEM-120 & 120L	General Chemistry I and General Chemistry I Lab	4
CHEM-121 & 121L	General Chemistry II and General Chemistry II Lab	4
CHEM-304 & 304L	Organic Chemistry I and Organic Chemistry Techniques I	4
CHEM-305 & 305L	Organic Chemistry II and Organic Chemistry Techniqs II	4
Total Units		16

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
CHEM-252 & 252L	Analytical Chemistry and Analytical Chem Techniques	4
CHEM-430 & 430L	Biochemistry and Experimental Tech/Biochemistry	3-4

or CHEM-435	Adv Biochemistry	
CHEM-440 & 440L	Instrumental Analysis and Instrumental Analysis Lab	4
CHEM-456	Physical Chemisry: Thermodynamics	2
CHEM-457	Phys Chem: Kinetics	2
CHEM-456L	Physical Chem Technique Lab	1-2
or CHEM-458	Phys Chem: Quantum Mechanics	
Total Units		16-18

Chemistry with an Education Minor (VISTA)

Requirements

VISTA: Chemistry with Education Minor Requirements (ITEP)

Code	Title	Units
Lower Division Courses		
CHEM-120 & 120L	General Chemistry I and General Chemistry I Lab [1]	4
CHEM-121 & 121L	General Chemistry II and General Chemistry II Lab	4
CHEM-252 & 252L	Analytical Chemistry and Analytical Chem Techniques	4
MATH-180C	Calculus 1	4
PSCI-223C & 223CL	Mechanics and Heat and Mechanics and Heat Lab	4
or PSCI-130C & 130CL	General Physics I and General Physics I Lab	
PSCI-225 & 225L	Electricity, Magnetism/Light and Electricity/Magntsm/Light Lab	4
or PSCI-131 & 131L	General Physics II and General Physics II Lab	
POLS-155C	U.S. Government	3
Upper Division Chemistry Core Courses		
CHEM-304 & 304L	Organic Chemistry I and Organic Chemistry Techniques I	4
CHEM-305 & 305L	Organic Chemistry II and Organic Chemistry Technqs II	4
EDUC-315	Teaching/Multicultural Setting	3
CHEM-430 & 430L	Biochemistry and Experimental Tech/Biochemistry	4
ENGL-453	Language,Culture/Linguistics	3
CHEM-456 & 456L	Physical Chemisry: Thermodynamics and Physical Chem Technique Lab	3
CHEM-485	Undergraduate Research	2
or CHEM-450	UG Research Or Internship Program	
CHEM-499C	Chemistry Capstone Seminar	2
Electives		
Select one course from either the CHEM, ENGR, or ENVR disciplines.		4
Credentialing Coursework		
First Semester:		
EDUC-424	Found/Teaching for Single Subj	2
EDUC-426	Instr Des/Subj Spec Pedag-Mltp	4
EDUC-435	Early Supervsd Fldwrk-Sngl Sub	4
EDUC-442	CalTPA Cycle 1	0.5
EDUC-444	Lang Acquisition/Second Studnt	1
EDUC-447	Metacogntn/Rdg Strategies-Sec	1
EDUC-452	Literacy in the Content Area	1
EDUC-464	Use of Technology in the Classroom	1
Second Semester:		
EDUC-434	Curr Unit Planning/Single Subj	2
EDUC-443	CalTPA Cycle 2	0.5
EDUC-488	Clinical Practice Seminar Single Subject	2
EDUC-489	Clinical Practice Fieldwork for Single S	8
Total Units		83

[1] See CHEM-120 General Chemistry I course description for prerequisites.

Four Year Plan

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
KINE-146C	Lifetime Fitness/Well Activity	1
NT-101C	New Testament Survey	3
MATH-180C	Calculus 1	4
CHEM-120	General Chemistry I	3
CHEM-120L	General Chemistry I Lab	1
CORE-100C	Cornerstone	1
	Units	16
Year 1 Term 2		
KINE-145C	Lifetime Fitness/Wellness Lect	1
POLS-155C	U.S. Government	3
SOC-PLHD	Social Science Requirement	3
FINA-PLHD	Fine Arts Requirement	3
SOC-PLHD2	Social Science Requirement	3
CHEM-121	General Chemistry II	3
CHEM-121L	General Chemistry II Lab	1
	Units	17
Year 2 Term 1		
EDUC-315	Teaching/Multicultural Setting	3
MATH-181	Calculus II	4
THEO-PLHD	Theology Core Requirement	3
CHEM-252	Analytical Chemistry	3
CHEM-252L	Analytical Chem Techniques	1
CHEM-304	Organic Chemistry I	3
CHEM-304L	Organic Chemistry Techniques I	1
	Units	18
Year 2 Term 2		
ENGL-220C	Researched Writing	3
OT-201C	Old Testament Survey	3

HIST-PLHD	History Core Requirement	3
CHEM-3XX	Chemistry Elective - 300 Level	1-9
CHEM-305	Organic Chemistry II	3
CHEM-305L	Organic Chemistry Technqs II	1
	Units	14-22
Year 3 Term 1		
PSCI-223C	Mechanics and Heat	3
PSCI-223CL	Mechanics and Heat Lab	1
CHEM-456	Physical Chemisry: Thermodynamics	2
CHEM-450	UG Research Or Internship Program	1-4
CHEM-430	Biochemistry	3
CHEM-430L	Experimental Tech/Biochemistry	1
COMM-201C	Speech Comp/Presentation	3
	Units	14-17
Year 3 Term 2		
PSCI-225	Electricity, Magnetism/Light	3
PSCI-225L	Electricity/Magntsm/Light Lab	1
THEO-300C	Developoing a Christian World View	3
CHEM-456L	Physical Chem Technique Lab	1-2
ENGL-230C	Literature and the Human Experience	3
CHIS-400C	Christian Heritage	3
ANTH-453	Language,Culture/Linguistics	3
	Units	17-18
Year 4 Term 1		
EDUC-464	Use of Technology in the Classroom	1
EDUC-452	Literacy in the Content Area	1
EDUC-447	Metacogntn/Rdg Strategies-Sec	1
EDUC-444	Lang Acquisition/Second Studnt	1
EDUC-435	Early Supervsd Fldwrk-Sngl Sub	4
EDUC-424	Found/Teaching for Single Subj	2
EDUC-426	Instr Des/Subj Spec Pedag-Mltp	4
EDUC-442	CalTPA Cycle 1	0.5
	Units	14.5
Year 4 Term 2		
EDUC-489	Clinical Practice Fieldwork for Single S	8
EDUC-488	Clinical Practice Seminar Single Subject	2
EDUC-434	Curr Unit Planning/Single Subj	2
EDUC-443	CalTPA Cycle 2	0.5
CHEM-499C	Chemistry Capstone Seminar	2
	Units	14.5
	Total Units	125-137

Engineering Physics B.S. Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		72
Total Units		124-126

Engineering Physics Major Requirements

Code	Title	Units
Lower Division Course Requirements		
CHEM-120 & 120L	General Chemistry I and General Chemistry I Lab [1]	4
CHEM-121 & 121L	General Chemistry II and General Chemistry II Lab	4
CSCI-100C & 100CL	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-281	Multivariable Calculus	4
PSCI-223C & 223CL	Mechanics and Heat and Mechanics and Heat Lab	4
PSCI-225 & 225L	Electricity, Magnetism/Light and Electricity/Magntsm/Light Lab	4
Upper Division Course Requirements		
MATH-300	Linear Algebra	3
MATH-310	Differential Equations	3
MATH-390	Numerical Analysis	3
ENGR-310 & 310L	Electronics I and Electronics I Lab	5
ENGR-320 & 320L	Optics and Optics Labratory	5
ENGR-400 & 400L	Introduction to Materials Science and Intro/Materials Science Laboratory	4
CHEM-440 & 440L	Instrumental Analysis and Instrumental Analysis Lab	4
CHEM-456 & 456L	Physical Chemisry: Thermodynamics and Physical Chem Technique Lab	4
CHEM-458	Phys Chem: Quantum Mechanics	2
CHEM-485	Undergraduate Research	2
or CHEM-450	UG Research Or Internship Program	
CHEM-499C	Chemistry Capstone Seminar	2
Total Units		72

[1] See CHEM-120 General Chemistry I course description for prerequisites.

Four Year Plan

Course	Title	Units
Year 1 Term 1		
MATH-285	Intro to Adv Mathematics	3
NT-101C	New Testament Survey	3
MATH-180C	Calculus 1	4
CHEM-120	General Chemistry I	3
CHEM-120L	General Chemistry I Lab	1
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
MATH-181	Calculus II	4
SOC-PLHD	Social Science Requirement	3
CSCI-100C	Introduction to Computer Science	3
CSCI-100CL	Introduction to Computer Science Lab	1
CHEM-121	General Chemistry II	3
CHEM-121L	General Chemistry II Lab	1
	Units	15
Year 2 Term 1		
MATH-281	Multivariable Calculus	4
MATH-300	Linear Algebra	3
PSCI-223C	Mechanics and Heat	3
PSCI-223CL	Mechanics and Heat Lab	1
SOC-PLHD	Social Science Requirement	3
THEO-PLHD	Theology Core Requirement	3
	Units	17
Year 2 Term 2		
MATH-265C	Intro to Statistical Methods	3
OT-201C	Old Testament Survey	3
PSCI-225	Electricity, Magnetism/Light	3
PSCI-225L	Electricity/Magntsm/Light Lab	1
FINA-PLHD	Fine Arts Requirement	3
	Units	13
Year 3 Term 1		
ENGL-120C	Persuasive Writing	3
MATH-390	Numerical Analysis	3
PSCI-227	Modern Physics	3
CHEM-456	Physical Chemisry: Thermodynamics	2
CHEM-440	Instrumental Analysis	2
CHEM-440L	Instrumental Analysis Lab	2
	Units	15
Year 3 Term 2		
CHEM-456L	Physical Chem Technique Lab	1-2
CHEM-458	Phys Chem: Quantum Mechanics	2
CHEM-485	Undergraduate Research	1-4
HSPS-PLCR	Hsps Core Requirement	3
COMM-201C	Speech Comp/Presentation	3
	Units	10-14
Year 4 Term 1		
ENGL-220C	Researched Writing	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
THEO-300C	Developoing a Christian World View	3
HIST-PLHD	History Core Requirement	3
	Units	10
Year 4 Term 2		
KINE-146C	Lifetime Fitness/Well Activity	1
ENGL-230C	Literature and the Human Experience	3
CHEM-499C	Chemistry Capstone Seminar	2
CHIS-400C	Christian Heritage	3
	Units	9
	Total Units	104-108

Environmental Sciences B.S.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		67
Total Units		119-121

Environmental Sciences Major

Code	Title	Units
Lower Division Course Requirements		
BIOL-111C & 111CL	Principles of Cell and Molecular Biology and Principles of Cell/Moelcular Biology Lab	4
CHEM-120 & 120L	General Chemistry I and General Chemistry I Lab	4
CHEM-121 & 121L	General Chemistry II and General Chemistry II Lab	4
CHEM-252 & 252L	Analytical Chemistry and Analytical Chem Techniques	4
ENVR-150C & 150CL	Intro to Environmental Sci and Intro to Environmental Sci Lab [1]	4
ENVR-205C & 205CL	Introduction to Geology and Introduction to Geology Laboratory	4
PSCI-215	Fundamentals of Earth Sci	4
POLS-155C	U.S. Government [1]	3
SOC-100C	Introduction to Sociology [1]	3
MATH-265C	Intro to Statistical Methods [1]	3
PSCI-130 & 130CL	Introduction to Physics I and General Physics I Lab	4
or PSCI-223C/2	Mechanics and Heat	
PSCI-131 & 131L	General Physics II and General Physics II Lab	4
or PSCI-225/225L	Electricity, Magnetism/Light	
Upper Division Course Requirements		
CHEM-304 & 304L	Organic Chemistry I and Organic Chemistry Techniques I	4

CHEM-440 & 440L	Instrumental Analysis and Instrumental Analysis Lab	4
CHEM-485	Undergraduate Research	2
ENVR-305	Intro to Soil Sciences	3
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
BIOL-345C	Mountain Field Biology	4
BIOL-348C	Coastal Ecology	4
or BIOL-346C	Desert Field Ecology	
POLS-446	Public Policy Issues	3
or SOC-230	Social Problems	
Total Units		83

[1] Courses count towards the CORE Curriculum requirements.

Four Year Plan

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
NT-101C	New Testament Survey	3
ENVR-150C	Intro to Environmental Sci	3
ENVR-150CL	Intro to Environmental Sci Lab	1
CHEM-120	General Chemistry I	3
CHEM-120L	General Chemistry I Lab	1
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
KINE-146C	Lifetime Fitness/Well Activity	1
BIOL-111C	Principles of Cell and Molecular Biology	3
BIOL-111CL	Principles of Cell/Moelcular Biology Lab	1
HSPS-PLCR	Hsps Core Requirement	3
THEO-PLHD	Theology Core Requirement	3
CHEM-121	General Chemistry II	3
CHEM-121L	General Chemistry II Lab	1
	Units	15
Year 2 Term 1		
KINE-145C	Lifetime Fitness/Wellness Lect	1
MATH-265C	Intro to Statistical Methods	3
ENVR-205C	Introduction to Geology	3
ENVR-205CL	Introduction to Geology Laboratory	1
CHEM-304	Organic Chemistry I	3
CHEM-304L	Organic Chemistry Techniques I	1
	Units	12
Year 2 Term 2		
ENGL-220C	Researched Writing	3
OT-201C	Old Testament Survey	3
SOC-PLHD	Social Science Requirement	3
BUSN-PLHDEC	Macro Or Micro Economics	3
SOC-PLHD2	Social Science Requirement	3
	Units	15
Year 3 Term 1		
THEO-300C	Developoing a Christian World View	3
PSCI-130C	General Physics I	3
PSCI-130CL	General Physics I Lab	1
ENVR-305	Intro to Soil Sciences	3
ENVR-3XX	Environmental Science Elective-300 Level	1-9
CHEM-252	Analytical Chemistry	3
CHEM-252L	Analytical Chem Techniques	1
	Units	15-23
Year 3 Term 2		
PSCI-131	General Physics II	3
PSCI-131L	General Physics II Lab	1
POLS-446	Public Policy Issues	3
ENVR-405	Intro to Geo Info System (GIS)	3
BIOL-3XX	Biology Elective - 300 Level	1
	Units	11
Year 4 Term 1		
CHEM-485	Undergraduate Research	1-4
CHEM-440	Instrumental Analysis	2
CHEM-440L	Instrumental Analysis Lab	2
ENGL-230	Literary Perspectives	3
ENVR-320	Hydrology	3
ENVR-430	Environmental Policy and Impact Analysis	3
	Units	14-17
Year 4 Term 2		
FINA-PLHD	Fine Arts Requirement	3
HIST-PLHD	History Core Requirement	3
ENVR-335	Intro to Atmospheric Sciences	3
ENVR-499C	Capstone Seminar/Environmental Studies	2
CHIS-400C	Christian Heritage	3
	Units	14
	Total Units	111-122

Department of Communication

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: Interpersonal/Intercultural Communication Studies, Public Relations, Cinema Arts, and Technology and Emerging Media. A minor in communication is also offered.

The Department of Communication is a participant in the National Communication Association's Lambda Pi Eta student honor society, National Religious Broadcasters, and the Council of Christian Colleges and Universities. The department also houses the Vanguard Sundance Program.

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 coursework, getting into advanced coursework upon entrance. Students who wish to opt-out of these foundational courses, (Elements of Storytelling, Visual Technology and Foundations of Video and Audio Production) 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 124 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 achieve a minimum grade of C in all Communication courses required for undergraduate majors and minors 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.

Programs

- Communication B.A. (p. 83)
- Communication Minor (p. 86)
- Public Relations Minor (p. 86)

Courses

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 communicaiton. 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 Comp/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.

COMM-201C Speech Comp/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.

COMM-212 History/Communication Studies 3 Credits
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.

COMM-229 Intermediate Filmmaking Production 3 Credits
A hand-on engagement with the filmmaking porcess, including pre-production,m 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

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)

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.

COMM-246 American Cinema History 3 Credits
This foundational course in Cinema Arts follows the journey of American cinema from its beginning to present day while highlighting major events in the history of American cinema.

COMM-258 Christianity/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.

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.

COMM-290 Intro/Interpers 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.

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-305 Communication Theory/Research 3 Credits
Survey of classical and contemporary theories of communication. Special emphasis is placed upon reading, understanding, and conducting communication research.
Prerequisite: MATH-265C, SOC-265C, or PSYC-265C

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

COMM-309 Graphic Design 4 Credits
This course will serve as an introduction to the theory and practice of graphic design. Students will learn the basic principles and elements of graphic design, the history of graphic design, form/symbol development, typography, identity design and page layout. Provides practical experience in essential studio techniques and technology, critiques and group discussions. The creative design process and problem-solving skills are emphasized throughout the course. Lab Fee.

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.

COMM-317 Creative Process-Theory/Pract 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.

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.

COMM-319 Publications: Newspaper 1 Credit
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;

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.

COMM-339 Producing for Television and Film 3 Credits
Exploration of the role of the independent producer and how a concept is taken through the steps of development, financing, scheduling, production, marketing, and distribution.
Prerequisite: COMM-229

COMM-345 Intercultural Communication 3 Credits
The process of communication as it applies to cross-cultural situations, i.e., where the respective participants in the process are members of distinctly separate cultural groups and situations specific to such communicative settings and proposed solutions to those problems.

COMM-362 Contemp 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.

COMM-369 Short Film Production 4 Credits
This course provides student experience with the entirety of the filmmaking process through short exercises in the field, culminating with an individually directed short film. Lab Fee.
Prerequisite: COMM-229

COMM-373 Documentary Film Production 4 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.
Prerequisite: COMM-220 AND COMM-229

COMM-374 Gender Communication 3 Credits
This course examines the connections between language use and gender. Current research will be studied and topics may include: Conversational interactions, power, inequality and public versus private language use.

COMM-375 Television Studio Production 4 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.

COMM-376 Interracial Communication 3 Credits
Surveys how race influences the communication process. This course deals with major issues of race and ethnic relations and how each affects interracial communication are considered. Major theories of interracial communication, the universal human processes which contribute to racial differences, and the practical approaches to communicating more effectively with persons from the other and same races.

COMM-378 Publ Rel: Corp Comm,Info Mgt 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.

COMM-380 Publ Rel: Corp Comm,Proj/Campgn 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.

COMM-381 Photojouralism 3 Credits
This course is designed as an introduction to photo journalism 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 newm 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.

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.

COMM-384 Digital Storytelling 3 Credits

COMM-385 New Media Productions 3 Credits
The course will examine the filed of new 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.

COMM-386 Music Video Productions 3 Credits
This course focuses on the exciting craft of creating msuic videos with an artist/band. Indivdiually 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.

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.

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.

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.

COMM-402 Family Communication 3 Credits
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.

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.

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.

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.

COMM-417 Professional Communication 2 Credits
Prerequisite: COMM-201C, COMM-273

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.

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 communicaiton and ÿmanagement, emphasiing practical application of theories, strategies, and tactics from a public relations perspective.

COMM-444 Argumentation & Debate 3 Credits
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.

COMM-448 Ethnography of Communication 3 Credits
This course is designed to introduce students to the techniques, theories, and debates concerning ethnographic fieldwork and its application to the field of communication studies.

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.

COMM-452 Adv Interpersonal Comm 3 Credits
This course examines the pragmatic and research approaches to the study of interpersonal communication.

COMM-455 Comm 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.

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 technqiues introduced.

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.

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

COMM-467 Cultr/Rhetoric/Pentecostalism 3 Credits
This course will look at the evolution of Pentecostal rhetoric from its inception to the present day along with its various forms and themes. Several key Pentecostal rhetorics throughout the history of the movement will be discussed and studied in depth. It will also consider Pentecostalism as a cultural phenomenon, and survey the various cultural manifestations and expressions of the movement both in the United States and around the world.

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 Ind Studies: 1-3 Credits
May be repeated for credit.

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, feature-length screenplay, multimedia work, or research project. Preproduction, research, and/or resourcing stages will be completed. COMM-497 Senior Project: Implementation is also required.

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.

Vanguard Sundance Program

The Sundance Film Festival, held in Park City, Utah, is the leading U.S. venue for independent film premieres. Attending the festival allows an immersive plunge into the art and commerce of the Entertainment Industry. The Vanguard Sundance Program takes place during the second week of the Sundance Film Festival at the end of January. Although the

actual festival is in the Spring, students must register for the program as a Fall semester course as there is assigned course preparation leading to the festival. Students will be expected to read texts prior to attending the festival and will have written assignments during and after the festival experience. The festival will serve as a laboratory in which students attend screenings, discussions, and seminars.

As a part of the program, Vanguard has teamed up with the Windrider Forum. This partnership allows students from Vanguard to meet up with students from other Christian universities and seminaries to have discussions with filmmakers currently screening films at Sundance.

The Vanguard Sundance Program accepts up to 12 Communication students each year. Eight of these students will be honored with significant funding toward attending the program. If selected as one of the eight honored applicants, the Communication Department will cover housing, 10 film tickets, shuttle from and to the airport, Windrider Forum fees, and Sundance Film Festival credentials. Students will be expected to cover transportation to the festival, meals, and any additional films.

A panel of faculty members from the Communication Department will determine those accepted into the program. Decisions will be made based on academic standing and essay responses. The department may also accept up to four private pay students in addition to the funded eight.

COMM 486 • Vanguard Sundance (3 units)

The Sundance Film Festival is the leading venue for independent film premieres. It is an immersive plunge into the art and commerce of the Entertainment Industry. This program takes place in Park City, Utah during the second week of the Sundance Film Fest. The festival will serve as a laboratory as students attend screenings, discussions, and seminars.

Communication B.A.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		25
Concentration Requirements		24
Interpersonal/Intercultural Communication Studies Concentration (p. 83)		
Public Relations Concentration (p. 83)		
Film & Storytelling Concentration (p.)		
Technology & Emerging Media Concentration (p. 84)		
Total Units		101-103

Communication Major Core

Code	Title	Units
Lower Division		
COMM-130	Introduction to Communication	3
COMM-220	Elements of Storytelling	3
COMM-258	Christianity/Artistic Culture	3
COMM-273	Visual Technology	3
COMM-290	Intro/Interpers Communication	3
Upper Division		
COMM-413	Preparing for Post Graduation	1
COMM-450	Internship	3
COMM-464C	Media Criticism [1]	3
COMM-496	Senior Project: Development/Planning [2]	2
COMM-497	Senior Project: Implementation [2]	1
Total Units		25

[1] Capstone for Interpersonal/Intercultural and Public Relations Concentrations.

[2] Capstone for Film & Visual Storytelling and Technology & Emerging Media Concentrations.

Concentrations

Interpersonal/Intercultural Communication Studies Concentration Requirements

Code	Title	Units
COMM-305	Communication Theory/Research	3
COMM-333	Small Group Leadership	3
COMM-345	Intercultural Communication	3
or COMM-376	Interracial Communication	
COMM-402	Family Communication	3
COMM-445	Persuasion	3
or COMM-444	Argumentation & Debate	
Electives		
Select a minimum of nine units of the following:		9
COMM-314	Mythology in Film	
COMM-318	Nonverbal Communication	
COMM-362	Contemp Issues in Public Discourse	
COMM-364	Organizational Communication	
COMM-374	Gender Communication	
COMM-448	Ethnography of Communication	
COMM-467	Cultr/Rhetoric/Pentecostalism	
COMM-470	Special Topic:	
Total Units		24

Public Relations Concentration Requirements

Code	Title	Units
COMM-333	Small Group Leadership	3
COMM-364	Organizational Communication	3
COMM-378	Publ Rel: Corp Comm,Info Mgt	3
COMM-380	Publ Rel: Corp Comm,Proj/Campgn	3
COMM-445	Persuasion	3
or COMM-443	Crisis Communication	
Electives		
Select a minimum of nine units of the following:		9
COMM-305	Communication Theory/Research	
COMM-309	Graphic Design	
COMM-317	Creative Process-Theory/Pract	

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		24

[1] Program currently suspended

Film & 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-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	Photojouralism	
COMM-382	Cinema Technology Series	
COMM-385	New Media Productions	
COMM-386	Music Video Productions	
COMM-387	Postproduction	
COMM-478	Film Studies Series	
Total Units		22

A portfolio is required of all graduating Cinema Arts 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.

Technology and Emerging Media Concentration Requirements

Code	Title	Units
Theories & Methods		
Select nine units of the following:		9
COMM-317	Creative Process-Theory/Pract	
COMM-333	Small Group Leadership	
COMM-345	Intercultural Communication	
COMM-364	Organizational Communication	
COMM-374	Gender Communication	
Communication Tools		
Select a minimum of nine units from the following:		9
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	Photojouralism	
COMM-382	Cinema Technology Series	
COMM-385	New Media Productions	
Communication Channels		
Select a minimum of six units from the following:		6
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	
BUOM-470	Special Topic: (Event Planning) [1]	
Total Units		24

[1] Course is offered in the Professional Studies program. Open to junior and senior students only. Requires special permission and completed cross registration form submitted to the Registrar's Office in advance of course registration.

Four Year Plans Concentrations:

Code	Title	Units
Cinema Arts (p. 84)		
Technology & Emerging Media (p. 85)		

Cinema Arts Concentration

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
COMM-246	American Cinema History	3
COMM-125	Introduction to Filmmaking	1
THEO-PLHD	Theology Core Requirement	3
COMM-273	Visual Technology	3
CORE-100C	Cornerstone	1
	Units	16
Year 1 Term 2		
NT-101C	New Testament Survey	3
COMM-229	Intermediate Filmmaking Production	3
SOC-PLHD	Social Science Requirement	3
HSPS-PLCR	Hsps Core Requirement	3
COMM-220	Elements of Storytelling	3
	Units	15
Year 2 Term 1		
SOC-PLHD	Social Science Requirement	3
MATH-PHCR	Math Core Req Data Or Stats	3

COMM-201C	Speech Comp/Presentation	3
COMM-222	Photography	3
COMM-258	Christianity/Artistic Culture	3
	Units	15
Year 2 Term 2		
ENGL-220C	Researched Writing	3
OT-201C	Old Testament Survey	3
COMM-306	Writing for Film and New Media	3
COMM-290	Intro/Interpers Communication	3
	Units	12
Year 3 Term 1		
FINA-215C	Intro to the Arts	3
HIST-PLHD	History Core Requirement	3
COMM-PLHD1	Comm Theory Or Adv Screenwrite	3
	Units	9
Year 3 Term 2		
NSCI-210C	The Empirical World	3
NSCI-210CL	The Empirical World Lab	1
THEO-300C	Developoing a Christian World View	3
ENGL-230C	Literature and the Human Experience	3
COMM-369	Short Film Production	4
	Units	14
Year 4 Term 1		
COMM-413	Preparing for Post Graduation	1
COMM-PHCA6	Cinema Arts Elective	3
CHIS-400C	Christian Heritage	3
COMM-450	Internship	1-6
COMM-464C	Media Criticism	3
	Units	11-16
Year 4 Term 2		
COMM-PHCA3	Cinema Arts Elective	3
COMM-PLHD6	Communication Electives 6 Unit	6
COMM-PLHD3	Communicaiton Elective 3 Units	3
	Units	12
	Total Units	104-109

Technology & Emerging Media Concentration

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
THEO-PLHD	Theology Core Requirement	3
COMM-212	History/Communication Studies	3
COMM-273	Visual Technology	3
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
NT-101C	New Testament Survey	3
SOC-PLHD	Social Science Requirement	3
HSPS-PLCR	Hsps Core Requirement	3
COMM-201C	Speech Comp/Presentation	3
COMM-220	Elements of Storytelling	3
	Units	15
Year 2 Term 1		
OT-201C	Old Testament Survey	3
SOC-PLHD	Social Science Requirement	3
MATH-PHCR	Math Core Req Data Or Stats	3
COMM-258	Christianity/Artistic Culture	3
COMM-290	Intro/Interpers Communication	3
	Units	15
Year 2 Term 2		
ENGL-220C	Researched Writing	3
FINA-PLHD	Fine Arts Requirement	3
HIST-PLHD	History Core Requirement	3
ELCT-PLHD2	Elective Course 2 Units	2
COMM-PLTHME	Comm Theories and Methods	3
COMM-PLCHAN	Comm Channels Course	2-3
	Units	16-17
Year 3 Term 1		
ENGL-230C	Literature and the Human Experience	3
ELCT-PLHD1	Elective Course 1 Unit	1
COMM-PLTHME	Comm Theories and Methods	3
COMM-PLTOOL	Comm Tools Course	1-4
COMM-305	Communication Theory/Research	3
COMM-450	Internship	1-6
	Units	12-20
Year 3 Term 2		
NSCI-210C	The Empirical World	3
NSCI-210CL	The Empirical World Lab	1
THEO-300C	Developoing a Christian World View	3
ELCT-PLHD3	Elective 3 Units	3
COMM-PLTHME	Comm Theories and Methods	3
COMM-PLTOOL	Comm Tools Course	1-4
	Units	14-17
Year 4 Term 1		
COMM-413	Preparing for Post Graduation	1
COMM-PLHD6	Communication Electives 6 Unit	6
COMM-PLPRAC	Communication Practicum	3
COMM-PLCHAN	Comm Channels Course	2-3
CHIS-400C	Christian Heritage	3
	Units	15-16
Year 4 Term 2		
ELCT-PLHD5	Electives 5 Units	5
COMM-PLHD3	Communicaiton Elective 3 Units	3
COMM-PLCHAN	Comm Channels Course	2-3
COMM-PLTOOL	Comm Tools Course	1-4

COMM-464C	Media Criticism	3
	Units	14-18
	Total Units	116-133

Communication Minor

Requirements

In order for students to receive a general Communication Minor with no emphasis, students must complete 21 units in Communication course work at Vanguard University that is:

1. Offered by the Communication Department and taught by a faculty member within the Communication Department.
2. At least 10 of the 21 required units must be upper division courses (300/400 level).
3. COMM-201C Speech Comp/Presentation does not count towards the minor.
4. No more than 4 units in Forensics and Newspaper allowed towards minor.
5. Students must achieve a minimum grade of C in all Communication courses.

Public Relations Minor

Requirements

To receive a minor in Public Relations, students must complete 21 units in Communication course work at Vanguard University.

Code	Title	Units
Public Relations Core		
COMM-378	Publ Rel: Corp Comm,Info Mgt	3
COMM-380	Publ Rel: Corp Comm,Proj/Campgn	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 from the following:		6
COMM-222	Photography	
COMM-317	Creative Process-Theory/Pract	
COMM-309	Graphic Design	
COMM-381	Photojouralism	
COMM-404	Social Media	
COMM-412	Computer Mediated Communication	
ENGL-460	Digital Writing and Design	
Total Units		21

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.

English majors may choose one of two emphases within the major: literature and textual analysis or writing. The English curriculum provides a single-subject matter program approved by the California Commission on Teacher Credentialing. A minor in English is also offered.

Programs

- English B.A. (p. 89)
- English Minor (p. 91)
- English Minor in Journalism and Digital Media (p. 91)
- English Subject Matter Preparation (Teaching Credential) (p. 91)

Courses

ENGL-110 Vanguard Foundations of College Writing I 3 Credits

ENGL-112 Foundations of College Writing 3 Credits
Foundations for exposition and argument at the college level. This course offers instruction in the fundamental skills of college writing with a focus on reading, critical thinking, grammar, spelling, punctuation, and paragraph writing. The course emphasizes developing these skills through reading, writing, revision and editing, research, and mechanics. Students who pass the class with a 'C' may enroll in ENGL 120C. Students who pass the class with a 'B' or better may enroll in ENGL-220C.

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)

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)

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 non-English majors and is not to be taken by English majors as a substitute for ENGL-240C.
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

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.
Prerequisite: ENGL-120C

ENGL-260 Monsters and Maidens: British Lit 1785 3 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)

ENGL-262 Romanticism/Resistance: British Lit 1785 3 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.ÿ(Formerly Survey of British Literature II)

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.

ENGL-315 Teaching English/Mltrcltrl 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 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.
Co-Requisite: ENGL-315L

ENGL-315L Teaching English in a Multicultural Setting 1 Credit
Students seeking to complete the subject matter program in English must take this lab as a co-requisite to ENGL-315 Teaching English in a Multicultural Setting to ensure that they are integrating literacy content with their pedagogical experience. The lab focuses on specific pedagogical tasks and observations designed to orient the student toward teaching English at the junior high and high school levels. Students should plan on meeting with the lab instructor several times during the semester and will complete at least five assignment online.
Co-Requisite: ENGL-315

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

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. Non-English majors may receive credit for ENGL-230C by taking this course as a substitute.

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.

ENGL-350 Creative Writing 3 Credits
Students learn and implement the basic techniques and theory specific to the three genres: fiction, poetry, and drama. Lecture and workshop combined.
Prerequisite: ENGL-220C

ENGL-360 Dramatic Lit: Script Analysis 3 Credits
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.

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 startegies 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.

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 hand-on experienced in video and podcast production. May be repeated one time for credit.

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

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.

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.

ENGL-433 Global Voices: World Literature 3 Credits
An examiniation 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.

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.

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

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 or screen play. Lab fee.

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

ENGL-444 Culture Focus: 3 Credits
The specialized study of the creative expression of a particular cultural group, including written, oral, visual, musical, and performative creative traditions. Content will vary according to instructor, but might include Women writers, African American literature, Asian American, Native American literature, or the literature of Ireland, with commensurate critical approaches. May be repeated for credit.

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/Linguistics 3 Credits
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

ENGL-455 Sharkespeare 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.

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.

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.

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.

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.

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.

ENGL-480 Individual Studies: 1-3 Credits

ENGL-486 Adv Research Methods 3 Credits
Students will develop advanced techniques in literary research including computerized research, textual analysis, scholarly methodology and bibliography.

ENGL-489 C.S. Lewis II 3 Credits
Further study of the writings of C.S. Lewis emphasizing his articulation and defense of the Christian faith.

ENGL-499C Synecdoche: Captsone 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.

English B.A.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		36-38
Emphasis		12
Literature and Textual Analysis Emphasis (p. 90)		
Writing Emphasis (p. 90)		
Single Subject Teaching Requirements (p. 90)		
Generalist (p. 90)		
Total Units		100-104

English Major

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	Sharkespeare through the Ages	3
ENGL-460	Digital Writing and Design	3
ENGL-465	Becoming a Reader: Theory/Crit of Lit	3
ENGL-499C	Synecdoche: Captsone	3

Foreign Language (2 semesters of the same foreign language) [1]	6-8
Total Units	36-38

[1] 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

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:	
ENGL-444	Culture Focus:	
ENGL-464	Thematic Focus:	
ENGL-486	Adv Research Methods	
Total Units		12

Writing Emphasis Requirements

Code	Title	Units
Writing Emphasis Requirements		
Select twelve units from the following courses:		12
ENGL-235	Introduction to Journalism	
ENGL/ COMM-319	Publications: Newspaper	
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-453	Language,Culture/Linguistics	
Total Units		12

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/Linguistics. Students should choose nine upper-division 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

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
ENGL-240C	Foundations/Literary Study	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
SOC-PLHD	Social Science Requirement	3
THEO-PLHD	Theology Core Requirement	3
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
NT-101C	New Testament Survey	3
SOC-PLHD	Social Science Requirement	3
HSPS-PLCR	Hsps Core Requirement	3
MATH-PHCR	Math Core Req Data Or Stats	3
COMM-201C	Speech Comp/Presentation	3
	Units	15
Year 2 Term 1		
ENGL-220C	Researched Writing	3
ENGL-260	Monsters and Maidens: British Lit 1785	3
OT-201C	Old Testament Survey	3
SPAN-101	Beginning Spanish I	4
FINA-PLHD	Fine Arts Requirement	3
	Units	16
Year 2 Term 2		
ENGL-262	Romanticism/Resistance: British Lit 1785	3
ENGL-375	The Art of the Memoir	3
NSCI-210C	The Empirical World	3
SPAN-102	Beginning Spanish II	4
HIST-PLHD	History Core Requirement	3
	Units	16
Year 3 Term 1		
ENGL-309	Awakenings: Voices in American Lit	3
ENGL-455	Sharkespeare through the Ages	3
ENGL-460	Digital Writing and Design	3
THEO-300C	Developoing a Christian World View	3
ENGL-PLUD3	English Upper Division Electiv	3
	Units	15
Year 3 Term 2		
ENGL-433	Global Voices: World Literature	3
ENGL-465	Becoming a Reader: Theory/Crit of Lit	3
ELCT-PLHD6	Electives 6 Units	6

ENGL-PLUD3	English Upper Division Electiv	3
	Units	15
Year 4 Term 1		
ELCT-PLHD6	Electives 6 Units	6
ELCT-PLUD3	Upper Div Elective 3 Units	3
ENGL-PLUD3	English Upper Division Electiv	3
CHIS-400C	Christian Heritage	3
	Units	15
Year 4 Term 2		
ENGL-499C	Synecdoche: Captsone	3
ELCT-PLHD6	Electives 6 Units	6
ELCT-PLUD3	Upper Div Elective 3 Units	3
ENGL-PLUD3	English Upper Division Electiv	3
	Units	15
	Total Units	122

English Minor

Requirements

The English minor consists of 21 units in English. Students may choose courses according to their interest. ENGL-120C Persuasive Writing and ENGL-220C Researched Writing do not count towards the minor.

English Minor in Journalism and Digital Media

Requirements

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		
Select 6-9 units from the following:		6-9
COMM-220	Elements of Storytelling	
COMM-222	Photography	
COMM-229	Intermediate Filmmaking Production	
COMM-470	Special Topic:	
ENGL/ COMM-384	Digital Storytelling	
ENGL-428	Travel Writing	
ENGL-451	Internship: Writing	
ENGL-453	Language,Culture/Linguistics	3
Total Units		22-27

English Subject Matter Preparation (Teaching Credential)

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	U.S. Government	3
COMM-201C	Speech Comp/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/Linguistics	3
ENGL-455	Sharkespeare through the Ages	3
ENGL-465	Becoming a Reader: Theory/Crit of Lit	3
ENGL-499C	Synecdoche: Captsone	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-444	Culture 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-458	Digital Writing and Design	
ENGL-472	Media Ethics	

ENGL-486	Adv Research Methods
Total Units	60-62

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.

Student Learning Outcomes

History & Political Science graduates should be able to:

1. Describe the cultural, political, economic, social and religious development of world civilizations.
2. Analyze the historical origins of contemporary society and culture.
3. Explain the political processes of human social institutions.
4. Engage the literature and schools of thought of the two disciplines.
5. Engage the two disciplines in the context of a Christian worldview.
6. Demonstrate the ability to put their thoughts into solid, well-written, well-documented prose.

Programs

- History and Political Science B.A. (p. 95)
- History and Political Science Minor (p. 97)
- Pre-Law Studies Minor (p. 97)
- Public Policy Minor (p. 97)

Courses

History

HIST-103 World Civilizations I 3 Credits

HIST-104 World Civilizations II 3 Credits

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.

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.

HIST-204 World Civilizations II 3 Credits

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.

HIST-262 Research Methods in Hist/Poli Science 3 Credits
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, book reviews, and other scholarly works. Prerequisite for upper-division History and Political Science courses. Satisfies ENGL-220C requirement. Students are expected to take HIST/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

HIST-270 Special Topic: 1-3 Credits

HIST-275 Topics in American History 3 Credits
A study of five periods in American history emphasizing the development of a distinctive American culture.(meets Social Science requirement)

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.

HIST-310 History of Baseball 3 Credits
A study of America's national pastime from its mythical beginnings to its 21st-century role in American society. Includes political, sociological, economic, literary, and statistical elements.

HIST-316 Teaching Hist/Multcltr Setting 3 Credits
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 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 will be integrated throughout the course. This course is a prerequisite requirement for the Single Subject Credential program Lab fee.

HIST-317 Modern China 3 Credits
A study of the political and social history of China from the mid-nineteenth century, when European aggression forced China on a path to modernization, to the present.

HIST-319 Imperial China 3 Credits
A study of the political and social history of China from earliest times until the mid-nineteenth century.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

HIST-370 Wars of America 3 Credits
Examines the Civil War, World War II or the Vietnam War in depth. May be repeated for credit.

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.

HIST-374 U.S.Since 1963: Contemporary America History 3 Credits
Traces the loss of consensus through the sixties, Vietnam, Watergate, the end of the Cold War, and beyond.

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.

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.

HIST-444 Early American Republic 3 Credits

HIST-446 Colonial America 3 Credits

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 units for HIST/POLS-450, HIST/POLS-454, and HIST/POLS-457.)

HIST-451 Renaissance & 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.

HIST-452 History/Christianity in Amer. 3 Credits

HIST-453 American Social History 3 Credits

HIST-454 History/Poli Sci Internship 1-3 Credits
Internship with Vanguard University, local museum, archives, government office, or political campaign. Maximum of three units. (Maximum units for HIST/POLS-450, HIST/POLS-454, and HIST/POLS-457.)

HIST-455 History of California 3 Credits

HIST-456 History and Geography of Calif 3 Credits

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 units for HIST/POLS-450, HIST/POLS-454, and HIST/POLS-457.)

HIST-460 U.S. Diplomatic History 3 Credits

HIST-463 U.S. Diplomatic History 3 Credits

HIST-465 Civil War & Reconstruction 3 Credits

HIST-469 Special Topic: U.S.: 1-3 Credits
Experimental or occasional courses not offered on a regular basis. May be repeated for credit.

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.

HIST-471 The Emergence of Modern Amer. 3 Credits

HIST-472 U.S. Since WWII 3 Credits

HIST-480 Individual Studies: 1-4 Credits
May be repeated for credit.

HIST-483 History of Russia 3 Credits

HIST-485C Historiography 3 Credits
A capstone course that traces the evolution of historical theory, interpretation, and practice. Seminar format. Includes focus on integration of faith and learning within the discipline. Culminates with students developing their own philosophies of history. This course fulfills the Core Curriculum Capstone requirement for History majors.

HIST-490 Seminar: 1-3 Credits

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. (meets Social Science requirement)

POLS-155C 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. Strongly recommended as a prerequisite for upper-division U.S. Government classes.

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.

POLS-262 Research Meth in Hist/Poli Sci 3 Credits
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, book reviews, and other scholarly works. Prerequisite for upper-division History and Political Science courses. Satisfies ENGL-220C requirement. Students are expected to take HIST/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

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.

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.

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.

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.

POLS-340 American Studies Seminars 8 Credits

POLS-345 U.S. Foreign Policy 3 Credits
Principles, practice, and ethical issues of United States foreign policymaking. Particular emphasis on the policymaking process.

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.

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.

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.

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 cost-benefit analysis, public administration, policy assessment, and the various views about concepts of the public good.

POLS-450 Poli Sci 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 units for HIST/POLS-450, HIST/POLS-454, and HIST/POLS-457.)

POLS-454 History/Poli Sci Internship 1-3 Credits
Internship with Vanguard University, local museum, archives, government office, or political campaign. Maximum of three units. (Maximum units for HIST/POLS-450, HIST/POLS-454, and HIST/POLS-457.)

POLS-455 Research Assistantship 1-3 Credits

POLS-456 U.S. Congress 3 Credits
Explores the development and operation of Congress as an institution. It also explores the nature of the members and their behavior in office. Important and timely issues relating to Congress will also be explored.

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 units for HIST/POLS-450, HIST/POLS-454, and HIST/POLS-457.)

POLS-469 Special Topic: U.S.: 1-3 Credits
Experimental or occasional courses not offered on a regular basis. May be repeated for credit.

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.

POLS-472 U.S. Presidency 3 Credits
Explores the historical development and operation of the Presidency as an institution. The performance of individual presidents and issues such as presidential elections, rhetoric, war powers, secrecy, and executive-congressional relations will also be addressed.

POLS-480 Individual Studies: 1-3 Credits
May be repeated for credit.

POLS-482 International Politics 3 Credits
Examination of the concepts and principles of the international political system.

POLS-490 Seminar: 1-3 Credits

History and Political Science B.A.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		57
Total Units		109-111

History and Political Science Major

Code	Title	Units
Survey of the Field		
HIST-156C	U.S. History	3
HIST-203C	World Civilizations I	3
HIST-204C	World Civilization II	3
POLS-155C	U.S. Government	3
POLS-240	Economics	3
HIST/POLS-262	Research Methods in Hist/Poli Science [2]	3
Electives: Upper division U.S. History and Political Science [3]		
Select nine units from the following:		9
CHIS-420	History of Pentecostalism	
HIST-310	History of Baseball	
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-370	Wars of America	
HIST-373	U.S.1945-1963: Good Old Days	
HIST-374	U.S.Since 1963: Contemporary America History	
HIST-425	Topics/Amer Relg Hist:	
HIST-450	History Teaching Internship [1]	
HIST-454	History/Poli Sci Internship [1]	
HIST-457	Research Assistantship [1]	
HIST-469	Special Topic: U.S.:	
POLS-313	American Political Thought	
POLS-345	U.S. Foreign Policy	
POLS-360	American Politics and Elections	
POLS-370	Constitutional Law	
POLS-446	Public Policy Issues	

POLS-450	Poli Sci Teaching Internship [1]	
POLS-454	History/Poli Sci Internship [1]	
POLS-456	U.S. Congress	
POLS-457	Research Assistantship [1]	
POLS-469	Special Topic: U.S.:	
POLS-472	U.S. Presidency	
Electives: Upper division non-U.S. History and Political Science [3]		
Select nine units from the following courses; at least three units must be non-Western or World History:		9
HIST-302	Twentieth-Century Europe	
HIST-317	Modern China [5]	
HIST-319	Imperial China [5]	
HIST-322	History of England	
HIST-323	The British Empire [5]	
HIST-339	Area Studies: [5]	
CHIS-340	Late Roman-Byzantine Empire	
HIST-345	The Birth of Modern Europe	
HIST-346	Ancient Greece and Rome	
HIST-358	The Revolutionary Atlantic [5]	
HIST-366	The History of Human Rights [5]	
HIST-428	The History of Childhood [5]	
HIST-450	History Teaching Internship [4]	
HIST-451	Renaissance & Reformation	
HIST-454	History/Poli Sci Internship [4]	
HIST-457	Research Assistantship [4]	
HIST-470	Special Topic: Non-U.S. [4]	
POLS-303	Classical Political Thought	
POLS-323	Christian Political Thought	
POLS-333	Modern Political Thought	
POLS-438	Comparative Politics [5]	
POLS-450	Poli Sci Teaching Internship [4]	
POLS-454	History/Poli Sci Internship [4]	
POLS-457	Research Assistantship [4]	
POLS-470	Special Topic: Non-U.S.:	
POLS-482	International Politics [5]	
Electives: Upper division History or Political Science		
Select 18 units from the courses listed above (unrestricted).		18
Capstone Course		
HIST-485C	Historiography	3
Total Units		57

1 Nine of the 57 units count toward Core Curriculum

2 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.

3 A minimum of six units in History and six units in Political Science must be part of the upper division electives.

4 Maximum six hours count toward the 36-hours content requirement

5 Satisfies the three units of the non-Western or World History requirement.

An exit interview is required of all graduating seniors.

Four Year Plan

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
HIST-156C	U.S. History	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
THEO-101C	Foundations of Christian Life	3
SOC-PLHD	Social Science Requirement	3
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
NT-101C	New Testament Survey	3
POLS-155C	U.S. Government	3
SOC-PLHD	Social Science Requirement	3
MATH-PHCR	Math Core Req Data Or Stats	3
COMM-201C	Speech Comp/Presentation	3
	Units	15
Year 2 Term 1		
HIST-203C	World Civilizations I	3
HIST-262	Research Methods in Hist/Poli Science	3
POLS-240	Economics	3
HSPS-PLHD	History Political Science Placeholder	3
FINA-PLHD	Fine Arts Requirement	3
	Units	15
Year 2 Term 2		
HIST-204C	World Civilization II	3
OT-201C	Old Testament Survey	3
ENGL-230C	Literature and the Human Experience	3
HSPS-PLHD	History Political Science Placeholder	3
NSCI-PLHD	Lab Science Requirement	4
	Units	16
Year 3 Term 1		
THEO-300C	Developoing a Christian World View	3
HSPS-PLHD6	History Political Science Electives	6
ELCT-PLHD9	Elective 9 Units	9
	Units	18
Year 3 Term 2		
HSPS-PLHD9	History Political Science Elective 9 Uni	9
ELCT-PLHD6	Electives 6 Units	6
	Units	15
Year 4 Term 1		
HSPS-PLHD9	History Political Science Elective 9 Uni	9
ELCT-PLHD3	Elective 3 Units	3

CHIS-400C	Christian Heritage	3
	Units	15
Year 4 Term 2		
HIST-485C	Historiography	3
HSPS-PLHD6	History Political Science Electives	6
ELCT-PLHD6	Electives 6 Units	6
	Units	15
	Total Units	124

History and Political Science Minor

Requirements

A minor in History and Political Science may be obtained by taking 21 units of History and Political Science, 12 of which must be taken at Vanguard.

Pre-Law Studies Minor

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.

Requirements

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-444	Argumentation & Debate	
COMM-445	Persuasion	
ENGL-375	The Art of the Memoir	
POLS-155C	U.S. Government	
POLS-303	Classical Political Thought	
or POLS-313	American Political Thought	
or POLS-323	Christian Political Thought	
or POLS-333	Modern Political Thought	
POLS-370	Constitutional Law	
POLS-446	Public Policy Issues	
SOC-305	Criminology and the Criminal Justice System	
SOC-345/ PSYC-344	Family Violence	
SOC-362	Juvenile Delinquency & Justice	
SOC-367	Sociology of Corrections	
SOC-373	Deviant Behavior	
Total Units		21

Other courses may be approved on a case-by-case basis by the Pre-Law Advisor.

Public Policy Minor

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.

Requirements

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/ SOC-265C	Intro to Statistical Methods	3
Select nine units from the following:		9
HIST-366	The History of Human Rights	
HIST-374	U.S.Since 1963: Contemporary America History	
POLS-240	Economics	
POLS-313	American Political Thought	
POLS-333	Modern Political Thought	
POLS-370	Constitutional Law	
POLS-446	Public Policy Issues	
POLS-456	U.S. Congress	
BUSN-215	Principles/Economics I-Macro	
Other Public Policy courses as offered.		
Select nine units from the following:		9
SOC-230	Social Problems	
SOC/ PSYC-324	Social Psychology	
SOC/ ANTH-343	Class,Race,Ethnicity & Gender	
SOC-362	Juvenile Delinquency & Justice	
Total Units		21

Department of Kinesiology

Mission: The mission of the Department of Kinesiology is to equip students to become leaders capable of impacting their world for Christ. The program seeks to prepare competent professionals through personalized education in the classroom, research, and field-based experiences. The goal of the department is to develop independent, critical thinkers who possess an interdisciplinary education with an in-depth understanding of kinesiology.

Program Student Leaning Outcomes: Graduates from the Department of Kinesiology will be prepared to meet the following learning outcomes:

1. The identification of critical issues relevant to the field of Kinesiology and the ability to use both oral and written communication in both academic and professional settings.
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 societal needs.
3. The ability to think critically through the acquisition, analysis and interpretation of data, and the evaluation and application of current research literature.
4. The ability to demonstrate relevant, marketable knowledge, skills, and dispositions to successfully enter the work force, graduate programs, and the lifelong learning process.

Programs

- Kinesiology B.S. (p. 101)
- Kinesiology Minor (p. 104)

Courses

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 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
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.

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-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

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

KINE-160 Intercollegiate Athl: Baseball 1 Credit

KINE-161 Intercol 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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-162 Intercol.Ath: 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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-163 Intercollegiate Ath: 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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-164 Intercol.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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-166 Inercol.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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-167 Intercol.Ath: 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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-168 Intercol.Ath: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.

KINE-170 Intercol.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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-171 Intercol.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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-172 Intercol.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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-176 Intercollegiate Athl: Champions of 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.

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.

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.

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.

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

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

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. This course is only offered even years in the Fall.

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.

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.

KINE-258 Soc of Sport & Human Movement 3 Credits
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.

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.

KINE-291 Special Topic: 1 Credit
Study of a special topic in kinesiology. May be repeated for credit.

KINE-292 Special Topic: 2 Credits
Study of a special topic in kinesiology. May be repeated for credit.

KINE-293 Special Topic: 3 Credits
Study of a special topic in kinesiology. May be repeated for credit.

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

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.

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.

KINE-322 Measurement in Phy Educ/Recrea 3 Credits
Incorporates methods of lecture, laboratory, and field experiences in the construction, administration, and application of fitness and motor skills tests used in sports and physical education. Issues of grading and evaluation are also addressed using elementary statistics methods utilizing SPSS-PC and Excel.

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.

KINE-325 Motor Learning/Human Perform 3 Credits
This class explores the processes involved in the acquisition of motor actions. Emphasis is placed on how teachers can apply theoretical concepts to more effectively structure lessons. This course is only offered odd years in the 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

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

KINE-335 Growth/Motor Development 3 Credits
This course investigates theories of motor development of children, especially K-6. Special emphasis is placed upon sequential motor development patterns, the needs, interests, and abilities of the child in relation to physical, social, cognitive, and emotional domains. In addition, life-span motor development is discussed throughout the course which includes the changes that happen with aging.

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.

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.

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 5 hours of internship.

KINE-356 Team & Indiv/Dual Sports Analy 3 Credits
This course will introduce the instructional process of analyzing and sequencing skill components and performance techniques found within team and individual/dual sports. The course is designed to allow the student to engage in individual and cooperative teaching experiences that utilize multiple instructional strategies. Sport skills addressed may include basketball, volleyball, soccer, flag football, softball, tennis, golf, swimming, track and field.

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.

KINE-385 Therapeutic Modalities 2 Credits
A two-unit upper division course providing the student with information in the physics of modalities. The course will also instruct the student in the purpose, set-up, use, and contraindications of therapeutic modalities.

KINE-395 ECG andExercise 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

KINE-410 Health Education 3 Credits
The course will cover personal and community health problems, including discussions of hygiene, nutrition, and exercise as they relate to total fitness. The responsibilities of the teacher concerning current health problems, particularly family health, and the effects of narcotics and alcohol on the human body will be emphasized. (Meets the state's requirement for a Professional Clear Credential.)

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.

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.

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).

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.

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.
Prerequisite: KINE-325, KINE-335

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: MATH-168C or MATH-265C

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.

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

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.

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.

KINE-470 Special Topic: 1-3 Credits
Study in a special topic in the field of kinesiology. May be repeated for credit.

KINE-480 Individual Studies 1-3 Credits
May be repeated for credit.

Kinesiology B.S.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		47-51
Concentrations		21-24
Health and Human Performance (p. 102)		
Pre-Health Professions (p. 102)		
Total Units		120-129

Kinesiology Major

The major consists of a common core with two concentrations available: Health and Human Performance and Pre-Health Professions.

Code	Title	Units
BIOL-204C & 204CL	Human Anatomy and Human Anatomy Laboratory [1]	4
BIOL-304 & 304L	Human Physiology and Human Physiology Lab	4
MATH-265C	Intro to Statistical Methods	3
KINE-150	Biophysical Foundations of Kinesiology	3
KINE-150L	Biophysical Foundations of Kinesiology Lab	1
KINE-185	Psychological and Sociocultural Foundations of Kinesiology	3
KINE-218	Injury Recognition and Management	3
KINE-221	Movement Anatomy	3
KINE-242	Motor Behavior Across the Lifespan	3
KINE-323	Physiology of Exercise	4
KINE-329	Fitness Assessment and Exercise Prescription	3
KINE-333	Principles of Nutrition and Metabolism	3
KINE-350	Kinesiology Internship	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] Fulfills VU core curriculum requirement.

Health and Human Performance Concentration

Code	Title	Units
KINE-345	Sports Nutrition	3
KINE-395	ECG andExercise Testing	3
KINE-430	Principles of Strength & Conditioning	3
KINE (Electives)		12
Total Units		21

Pre-Health Professions Concentration

Code	Title	Units
BIOL-111C & 111CL	Principles of Cell and Molecular Biology and Principles of Cell/Moelcular Biology Lab	4
Select one of the following options:		8-10
Option 1:		
CHEM-120 & 120L & 120R	General Chemistry I and General Chemistry I Lab and General Chemistry I Recitation [1]	
CHEM-121 & 121L & 121R	General Chemistry II and General Chemistry II Lab and General Chemistry II Recitation	
Option 2:		
CHEM-112C & 112CL	Fundamentals of General, Organic, and Biochemistry I and Fundamentals of General, Organic, and Biochemistry I Lab	
CHEM-113 & 113L	Fundamentals of General, Organic, and Biochemistry I and Fundamentals of General, Organic, and Biochemistry II Lab	
MATH-170	Precalculus	3-4
or MATH-180C	Calculus 1	
KINE-235	Medical Terminology	2
KINE-260	Principles of Therapeutic Rehabilitation	3
Total Units		20-23

Additional Courses/Electives to be based on post-graduation 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 & 130CL	General Physics I and General Physics I Lab	4
PSCI-131 & PSCI-130CL	General Physics II and General Physics I Lab	4
BIOL (Electives in Biology)		
CHEM (Electives in Chemistry)		
PSYC (Electives in Psychology)		

Four Year Plans Concentrations:

Code	Title	Units
Heath and Human Performance (p. 102)		
Pre-Health Professions (p. 102)		

Health and Human Performance Concentration

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
NT-101C	New Testament Survey	3
KINE-150	Biophysical Foundations of Kinesiology	3
KINE-150L	Biophysical Foundations of Kinesiology Lab	1
SOC-PLHD	Social Science Requirement	3
CORE-100C	Cornerstone	1
	Units	16
Year 1 Term 2		
BIOL-204C	Human Anatomy	3
BIOL-204CL	Human Anatomy Laboratory	1

KINE-218	Injury Recognition and Management	3
KINE-185	Psychological and Sociocultural Foundations of Kinesiology	3
SOC-PLHD	Social Science Requirement	3
THEO-PLHD	Theology Core Requirement	3
	Units	16
Year 2 Term 1		
ENGL-220C	Researched Writing	3
KINE-221	Movement Anatomy	3
BIOL-304	Human Physiology	3
BIOL-304L	Human Physiology Lab	1
OT-201C	Old Testament Survey	3
HSPS-PLCR	Hsps Core Requirement	3
	Units	16
Year 2 Term 2		
MATH-265C	Intro to Statistical Methods	3
KINE-329	Fitness Assessment and Exercise Prescription	3
KINE-242	Motor Behavior Across the Lifespan	3
HIST-PLHD	History Core Requirement	3
COMM-201C	Speech Comp/Presentation	3
	Units	15
Year 3 Term 1		
THEO-300C	Developoing a Christian World View	3
ENGL-230C	Literature and the Human Experience	3
KINE-333	Principles of Nutrition and Metabolism	3
ELCT-PLHD6	Electives 6 Units	6
	Units	15
Year 3 Term 2		
KINE-323	Physiology of Exercise	4
KINE-350	Kinesiology Internship	1-5
KINE-345	Sports Nutrition	3
FINA-PLHD	Fine Arts Requirement	3
ELCT-PLHD3	Elective 3 Units	3
	Units	14-18
Year 4 Term 1		
KINE-395	ECG andExercise Testing	3
KINE-440	Research/Stats in Kinesiology	3
ELCT-PLHD6	Electives 6 Units	6
CHIS-400C	Christian Heritage	3
	Units	15
Year 4 Term 2		
KINE-421	Biomechanics	3
KINE-450C	Capstone Kinesiology Senior Project	3
KINE-430	Principles of Strength & Conditioning	3
ELCT-PLHD6	Electives 6 Units	6
	Units	15
	Total Units	122-126

Pre-Health Professions Concentration

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
NT-101C	New Testament Survey	3
KINE-150	Biophysical Foundations of Kinesiology	3
KINE-150L	Biophysical Foundations of Kinesiology Lab	1
SOC-PLHD	Social Science Requirement	3
CORE-100C	Cornerstone	1
	Units	16
Year 1 Term 2		
BIOL-204C	Human Anatomy	3
BIOL-204CL	Human Anatomy Laboratory	1
KINE-218	Injury Recognition and Management	3
KINE-185	Psychological and Sociocultural Foundations of Kinesiology	3
SOC-PLHD	Social Science Requirement	3
THEO-PLHD	Theology Core Requirement	3
	Units	16
Year 2 Term 1		
ENGL-220C	Researched Writing	3
KINE-221	Movement Anatomy	3
BIOL-111C	Principles of Cell and Molecular Biology	3
BIOL-111CL	Principles of Cell/Moelcular Biology Lab	1
KINE-235	Medical Terminology	2
HSPS-PLCR	Hsps Core Requirement	3
	Units	15
Year 2 Term 2		
BIOL-304	Human Physiology	3
BIOL-304L	Human Physiology Lab	1
OT-201C	Old Testament Survey	3
HIST-PLHD	History Core Requirement	3
MATH-PLCALC	Math Precalc Or Calculus I	3-4
COMM-201C	Speech Comp/Presentation	3
	Units	16-17
Year 3 Term 1		
THEO-300C	Developoing a Christian World View	3
KINE-333	Principles of Nutrition and Metabolism	3
KINE-260	Principles of Therapeutic Rehabilitation	3
MATH-PLSTAT	Math Sci Stat Or Into to Stat	3
CHEM-PLFDGE	Fundamental Or General Chem I	4
	Units	16
Year 3 Term 2		
KINE-323	Physiology of Exercise	4
KINE-350	Kinesiology Internship	1-5

KINE-329	Fitness Assessment and Exercise Prescription	3
FINA-PLHD	Fine Arts Requirement	3
CHEM-PLFGII	Fundamental Or General Chem II	4
	Units	15-19
Year 4 Term 1		
KINE-440	Research/Stats in Kinesiology	3
ENGL-230C	Literature and the Human Experience	3
ELCT-PLHD3	Elective 3 Units	3
CHIS-400C	Christian Heritage	3
	Units	12
Year 4 Term 2		
KINE-421	Biomechanics	3
KINE-450C	Capstone Kinesiology Senior Project	3
ELCT-PLUD6	Upper Division Elective	6
	Units	12
	Total Units	118-123

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 Kinesiology	3
KINE-242	Motor Behavior Across the Lifespan	3
Select four additional courses from other KINE offerings (determine by post-graduation plans; some courses may require pre-requisites); courses will be approved by the Kinesiology Department Chair.		12
Total Units		22

Department of Liberal Studies

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 the different academic disciplines and to bring about wholeness of the mind, emotions, and character.

The Liberal Studies major allows students a broad selection of courses in core subject areas. It is the university-approved academic program for those seeking preparation to become an elementary school teacher. The Commission-approved program ensures that students' completion of coursework will satisfy the subject matter requirement necessary to earn a teaching credential.

Although Liberal Studies is the ideal choice for students who want to become an elementary school teacher, the major is also an excellent choice for those planning on entering graduate school. Examples of students who should consider the major are those planning on entering careers in law, government, library service, natural science, or public service.

Multiple Subject Matter Program

The multiple subject matter program allows students to complete their subject matter competence through undergraduate coursework, in preparation for pursuing a teaching credential. This means that Vanguard students who major in the Liberal Studies program and complete the required coursework will not need to provide CSET scores for Multiple Subject Credential Programs in the state of California starting May 2018. Our program has been approved by the California Commission on Teacher Credentialing (CCTC) for those seeking a California Multiple Subject Teaching Credential (Students should refer to the Graduate Education program 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 their bachelor's degree should speak to their academic advisor to be placed on the teaching track or emphasis in their degree program. Currently, Vanguard has single subject programs in English, Mathematics, and Music. The single subject programs has the approval of the California Commission on Teacher Credentialing (CCTC) for those seeking a California Single Subject Teaching Credential in that specific subject area. (Students should refer to the 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.

Programs

- Elementary Education Minor (p. 108)
- Liberal Studies B.A. (p. 108)
- Liberal Studies Integrated Teacher Education Program (p. 109)

Courses

EDUC-100 Intro/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 will be addressed. Career opportunities and expectations for teachers will be discussed. Students will be encouraged to assess and reflect upon their own educational experiences, skills, and learning styles as they interact with current practitioners and education literature. Students will 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.

EDUC-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.

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 will be guided in thinking about and moving toward their future role as a teacher. Students will be 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.

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 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.

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 will be introduced and connected.

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 will be required. Limited enrollment by permission only. See the Chair of the Department of Liberal Studies for further information.

EDUC-315 Teaching/Multicultural Setting 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 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. PREREQUISITE: Liberal Studies majors must complete EDUC-100 prior to taking this course.ÿLab fee. Prerequisite: EDUC-100

EDUC-326 Child & Adolescent Development 3 Credits
This course is recommended for those interested in professions involving children. Drawing mainly from an education psychology perspective, the process of human development from conception through adolescence. Emphasis is placed on development which 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 give you practice applying content. Students will be exposed to the psychology behind teaching and learning, as it exists in classrooms and beyond.

EDUC-330 Integrating Tech/Clssrm Teachg 3 Credits
A study of the nature and use of technology in the educational process. An emphasis is placed on both teachers and students utilizing 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.

EDUC-342 Language Acquisition in Linguistically Diverse Classrooms 3 Credits
This 3 unit course explores strategies and techniques to support the success of language and culturally diverse students. 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 will learn how to design lessons for children and young adults that use a communicative, interactive approach and will micro teach those lessons in class. They will investigate, critique and use a variety of EFL materials. Students will be required to do 10 hrs of fieldwork in an English tutoring center and classroom.

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. 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.

EDUC-346 Intro to Special Education 3 Credits
This course provides a basic understanding about the historical, legal, and social foundations of special education. Students will explore strategies on 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 will also examine legal issues and laws pertaining to special education giving attention to school compliance and student and parent rights. Students will observe a special education classroom for 10 hours. During their fieldwork experience, candidates will 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.

EDUC-409 Foundations in Teaching (MS) 2 Credits
This course provides the philosophical and historical foundations of education. Teaching candiddates 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. Indivdiuals become familiar with the cultural and indivdiual diversity of the school community. PREREQUISITE: Completion of Subject Matter Preparation Program or CSET.

EDUC-419 English Language Arts/Elem Class (MS) 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 blanced, comprehensive, instructional program. Specific content knowledge needed in preparation for RICA is aligned in this course. PREREQUISITE: Completion of Subject Matter Preparation Program or CSET.

EDUC-423 Instr Design/Specific Pedagogy (MS) 4 Credits
In this course, candidates strengthen their subject matter expertise and application by familiarizing themselves with subject mattter content standards and appropriate pedagogical strategies for teaching specific subject matter disciplines (math, science, social studies, etc.). These strategieies 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 practictioners, teacher candidates develop lessons using the Backward Design planning straetgy 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. PREREQUISITE: Completion of Subject Matter Preparation Program or CSET.

EDUC-424 Found/Teaching for Single Subj 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.

EDUC-425 Early Supervised Fieldwork (MS) 4 Credits
This early supervised field experience provides the candidate with an opportunity to work directly with learners in a University assigned secondary classroom with a Master Teacher for 100 hours for 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 fees cover CEAI Insurance, Master Teacher, and Subject Mentor. PREREQUISITE: Comletion of Subject Matter Preparation Program or CSET.

EDUC-426 Instr Des/Subj Spec Pedag-Mltp 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 experet 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.

EDUC-434 Curr Unit Planning/Single Subj 2 Credits
This course helps candidates to connect the subject matter content an dstandards toa ppropriate 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.

EDUC-435 Early Supervsd Fldwrk-Sngl Sub 4 Credits
This early supervised field experience provides the candidate with an opportunity to work directly with learners in a University assigned secondary classroom with a Master Teacher for 100 hours for 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 fees cover CEAI Insurance, Master Teacher, and Subject Mentor.

EDUC-437 Curriculum Unit Planning (MS) 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 activty, students need the opportunity to independently apply their learning. PREREQUISITE: Completion of Subject Matter Preparation Program or CSET.

EDUC-442 CalTPA Cycle 1 0.5 Credits
As of July 2018, California law requires all Multiple and Single Subjct teacher preparation programs to include a 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 will consist of two sections - section 1, for CalTPA Cycle 1, which will be taken during the first semester of Early Fieldwork Experience, and section 2, taken curing second semester or full-time student teaching, for CalTPA Cycle 2.

EDUC-443 CalTPA Cycle 2 0.5 Credits
As of July 2018, California law requires all Multiple and Single Subjct teacher preparation programs to include a 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 will consist of two sections - section 1, for CalTPA Cycle 1, which will be taken during the first semester of Early Fieldwork Experience, and section 2, taken curing second semester or full-time student teaching, for CalTPA Cycle 2.

EDUC-444 Lang Acquisition/Second Studnt 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 Metacogntn/Rdg Strategies-Sec 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 conceps. Candidates learn to teach to the strength of each personality type. Candidates also learn the basics of explicit reading instruction at the secondary level. Materials fee.

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.

EDUC-452 Literacy in the Content Area 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.

EDUC-455 Teaching Assistantship/Educ 1-3 Credits
This course will give the student opportunity for working as a teaching assistant in a local school. Included will be 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.

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 being used with students in K-12 classrooms. This course meets the CCTC standards for the level 1 technology requirement.

EDUC-470 Special Topic: 1-3 Credits
Study of a special topic dealing with education. May be repeated for credit.

EDUC-480 Individual Studies: 1-3 Credits
May be repeated for credit.
Prerequisite: EDUC-315

EDUC-486 Clinical Practice Seminar (MS) 2 Credits
Clinical practice experiences are designed to provide the candidate with a developmental and sequential set of activities that are integated 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 improving student learning. PREREQUISITE: Completion of Subject Matter Preparation Program or CSET.

EDUC-487 Clinical Practice Fieldwork (MS) 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 experienec the daily responsiblities 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. PREREQUISITE: Completion of Subject Matter Preparation Program or CSET.

EDUC-488 Clinical Practice Seminar Single Subject 2 Credits
Clinical practice experiences are desgined 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.

EDUC-489 Clinical Practice Fieldwork for Single S 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.

EDUC-490 Seminar: 3 Credits
Mutual investigation of one topic in education studies of particular relevance to upper division liberal studies majors. May be repeated for credit.
Prerequisite: EDUC-315

EDUC-499C Senior Capstone in Lib Studies 3 Credits
Students will investigate key ideas from the California Curriculum Frameworks and the California Student Academic Content Standards. Students will 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 will be assigned to conduct 10 hrs of fieldwork experience at a prearranged elementary school site and the experience will serve as the primary basis of all classroom activities.

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.

Code	Title	Units
Minor Requirements		
EDUC-100	Intro/Education	3
EDUC-250	Intro to Early Childhood Education	3
EDUC-315	Teaching/Multicultural Setting	3
EDUC-330	Integrating Tech/Clssrm Teachg	3
Electives		
Select nine (9) units from the following:		9
ART-330	Art Techniques for Teachers	
EDUC/ THEA-242	Pedagogy/Practice in Theatre for Youth	
EDUC-342	Language Acquisition in Linguistically Diverse Classrooms	
EDUC-346	Intro to Special Education	
KINE-435	Physical Ed for Elem Schools	
MATH-120	Math for Elementary Teachers	
Total Units		21

Liberal Studies B.A.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		79
Emphasis		12
Total Units		143-145

Liberal Studies Major

The Liberal Studies program that is outlined below incorporates current core curriculum courses as well as additional content specific courses to meet the California Teaching Credential expectations for a Liberal Studies major.

Code	Title	Units
Core Requirements		
EDUC-100	Intro/Education	3
EDUC-220C	Researched Writing for Liberal Studies Majors	3
EDUC-250	Intro to Early Childhood Education	3
EDUC-315	Teaching/Multicultural Setting	3
EDUC-326	Child & Adolescent Development	3
EDUC-330	Integrating Tech/Clssrm Teachg	3
EDUC-499C	Senior Capstone in Lib Studies	3
Electives		
Select six units from the following courses:		6
EDUC-342	Language Acquisition in Linguistically Diverse Classrooms	
EDUC-344	Psychological Foundations of Education	
EDUC-346	Intro to Special Education	
Non-Liberal Studies Requirements		
Visual and Performing Arts (a minimum of 10 units)		
ART-330	Art Techniques for Teachers	3
EDUC/THEA-213	Foundations of Dance for Elem 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 15 units)		
ENGL-340	Children's Literature	3
HIST-356	History and Geography of California	3
KINE-435	Physical Ed for Elem Schools	3
MATH-120	Math for Elementary Teachers	3
Science – 3 labs required (a minimum of 12 units)		
BIOL-210C & 210CL	Fundamentals of Biology and Fundamentals of Biology Lab	4
PSCI-215C & 215CL	Fundamentals of Earth Science and Fundamentals of Earth Science Lab	4
PSCI-216C & 216CL	Fundamentals of Physical Sci and Fundamentals of Phys Sci Lab	4
Additional Courses Required for Credentialing		
ENGL-453	Language,Culture/Linguistics	3
POLS-155C	U.S. Government	3
Areas of Emphasis		
a minimum of 12 units		12
Total Units		79

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

Course	Title	Units
Year 1 Term 1		
EDUC-100	Intro/Education	3
ENGL-120C	Persuasive Writing	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
MATH-145C	Data Analysis	3
NT-101C	New Testament Survey	3
CORE-100C	Cornerstone	1
	Units	15

Year 1 Term 2		
HIST-156C	U.S. History	3
ANTH-102C	Intro to Cultural Anthropology	3
PSYC-103C	Introduction to Psychology	3
PSCI-216C	Fundamentals of Physical Sci	3
PSCI-216CL	Fundamentals of Phys Sci Lab	1
THEO-PLHD	Theology Core Requirement	3
	Units	16
Year 2 Term 1		
MATH-120	Math for Elementary Teachers	3
OT-201C	Old Testament Survey	3
PSCI-215C	Fundamentals of Earth Science	3
PSCI-215CL	Fundamentals of Earth Science Lab	1
EDUC-220C	Researched Writing for Liberal Studies Majors	3
EDUC-213	Foundations of Dance for Elem Teachers	1
	Units	14
Year 2 Term 2		
POLS-155C	U.S. Government	3
EDUC-242	Pedagogy/Practice in Theatre for Youth	3
HIST-PLHD	History Core Requirement	3
BIOL-100C	Fundamentals of Biology for Non-Majors	3
BIOL-100CL	Fundamentals/Biology for Non-Majors Lab	1
COMM-201C	Speech Comp/Presentation	3
	Units	16
Year 3 Term 1		
EDUC-315	Teaching/Multicultural Setting	3
THEO-300C	Developoing a Christian World View	3
ENGL-230C	Literature and the Human Experience	3
EDUC-250	Intro to Early Childhood Education	3
EDUC-326	Child & Adolescent Development	3
	Units	15
Year 3 Term 2		
EDUC-330	Integrating Tech/Clssrm Teachg	3
ART-330	Art Techniques for Teachers	3
ENGL-340	Children's Literature	3
MUSC-337B	Music for Elementary Schools	3
EDUC-3XX	Education Elective-300 Level	1-9
	Units	13-21
Year 4 Term 1		
HIST-356	History and Geography of California	3
EDUC-PLHD6	Lib Stud Emphasis Elct 6 Units	6
EDUC-3XX	Education Elective-300 Level	1-9
CHIS-400C	Christian Heritage	3
	Units	13-21
Year 4 Term 2		
EDUC-499C	Senior Capstone in Lib Studies	3
ENGL-453	Language,Culture/Linguistics	3
KINE-435	Physical Ed for Elem Schools	3
EDUC-PLHD6	Lib Stud Emphasis Elct 6 Units	6
	Units	15
	Total Units	117-133

Liberal Studies Integrated Teacher Education Program

The Liberal Studies Integrated Teacher Education Program (ITEP) will grant undergraduate students with the opportunity to earn both their B.A. in Liberal Studies and a preliminary Multiple Subject Teaching Credential within four years of coursework. This program blends subject matter preparation and teacher preparation by offering coursework in both areas *concurrently* and in a *connected* manner during the undergraduate years. The Liberal Studies ITEP is specifically designed for undergraduates who have decided relatively early that they want to be elementary school teachers (no later than Spring semester of Sophomore year). Application process is required, see Liberal Studies Department for more information.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Education Course Requirements [1]		18
Visual and Performing Arts Requirements [1]		10
English/Social Science/Human Development Requirements [1]		18
Science Requirements [1]		12
Multiple Subject Credential Requirements [1]		26
Areas of Emphasis Requirements [1]		12
Total Units		148-150

[1] Department recommendation of unit count for requirement.

Education Course Requirements

Code	Title	Units
EDUC-100	Intro/Education	3
EDUC-220C	Researched Writing for Liberal Studies Majors	3
EDUC-315	Teaching/Multicultural Setting	3
EDUC-326	Child & Adolescent Development	3
EDUC-330	Integrating Tech/Clssrm Teachg	3
EDUC-499C	Senior Capstone in Lib Studies	3
Total Units		18

Visual and Performing Arts Requirements

Code	Title	Units
ART-330	Art Techniques for Teachers	3
EDUC/THEA-213	Foundations of Dance for Elem Teachers	1
EDUC/THEA-242	Pedagogy/Practice in Theatre for Youth	3
MUSC-337B	Music for Elementary Schools	3
Total Units		10

English/Social Science/Human Development Requirements

Code	Title	Units
ENGL-340	Children's Literature	3
ENGL-453	Language,Culture/Linguistics	3
HIST-356	History and Geography of California	3
KINE-435	Physical Ed for Elem Schools	3
MATH-120	Math for Elementary Teachers	3
POLS-155C	U.S. Government	3
Total Units		18

Science Requirements

Code	Title	Units
BIOL-210C & 210CL	Fundamentals of Biology and Fundamentals of Biology Lab	4
PSCI-215C & 215CL	Fundamentals of Earth Science and Fundamentals of Earth Science Lab	4
PSCI-216C & 216CL	Fundamentals of Physical Sci and Fundamentals of Phys Sci Lab	4
Total Units		12

Multiple Subject Credential Requirements

Code	Title	Units
EDUC-409	Foundations in Teaching (MS)	2
EDUC-419	English Language Arts/Elem Class (MS)	3
EDUC-423	Instr Design/Specific Pedagogy (MS)	4
EDUC-425	Early Supervised Fieldwork (MS)	4
EDUC-437	Curriculum Unit Planning (MS)	2
EDUC-442	CalTPA Cycle 1	0.5
EDUC-443	CalTPA Cycle 2	0.5
EDUC-486	Clinical Practice Seminar (MS)	2
EDUC-487	Clinical Practice Fieldwork (MS)	8
Total Units		26

Areas of 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

Course	Title	Units
Year 1 Term 1		
EDUC-100	Intro/Education	3
ENGL-120C	Persuasive Writing	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
MATH-145C	Data Analysis	3
NT-101C	New Testament Survey	3
ANTH-102C	Intro to Cultural Anthropology	3
CORE-100C	Cornerstone	1
	Units	18
Year 1 Term 2		
MATH-120	Math for Elementary Teachers	3
POLS-155C	U.S. Government	3
PSCI-215C	Fundamentals of Earth Science	3
PSCI-215CL	Fundamentals of Earth Science Lab	1
EDUC-220C	Researched Writing for Liberal Studies Majors	3
EDUC-213	Foundations of Dance for Elem Teachers	1
THEO-PLHD	Theology Core Requirement	3
	Units	17
Year 2 Term 1		
OT-201C	Old Testament Survey	3
PSCI-216C	Fundamentals of Physical Sci	3
PSCI-216CL	Fundamentals of Phys Sci Lab	1
EDUC-242	Pedagogy/Practice in Theatre for Youth	3
EDUC-PLHD3	Liberal Studies Emphasis Elect	3
	Units	13
Year 2 Term 2		
EDUC-315	Teaching/Multicultural Setting	3
PSYC-103C	Introduction to Psychology	3
BIOL-210C	Fundamentals of Biology	3
BIOL-210CL	Fundamentals of Biology Lab	1
HIST-PLHD	History Core Requirement	3
EDUC-PLHD3	Liberal Studies Emphasis Elect	3
	Units	16
Year 3 Term 1		
ART-330	Art Techniques for Teachers	3
KINE-435	Physical Ed for Elem Schools	3
THEO-300C	Developoing a Christian World View	3
EDUC-PLHD3	Liberal Studies Emphasis Elect	3
EDUC-326	Child & Adolescent Development	3
COMM-201C	Speech Comp/Presentation	3
	Units	18
Year 3 Term 2		
EDUC-330	Integrating Tech/Clssrm Teachg	3
ENGL-340	Children's Literature	3
ENGL-453	Language,Culture/Linguistics	3
HIST-156C	U.S. History	3
MUSC-337B	Music for Elementary Schools	3
ENGL-230C	Literature and the Human Experience	3
EDUC-PLHD3	Liberal Studies Emphasis Elect	3
CHIS-400C	Christian Heritage	3
	Units	24
Year 4 Term 1		
EDUC-442	CalTPA Cycle 1	0.5
EDUC-409	Foundations in Teaching (MS)	2

EDUC-419	English Language Arts/Elem Class (MS)	3
EDUC-423	Instr Design/Specific Pedagogy (MS)	4
EDUC-425	Early Supervised Fieldwork (MS)	4
	Units	13.5
Year 4 Term 2		
EDUC-499C	Senior Capstone in Lib Studies	3
EDUC-443	CalTPA Cycle 2	0.5
EDUC-437	Curriculum Unit Planning (MS)	2
EDUC-486	Clinical Practice Seminar (MS)	2
EDUC-487	Clinical Practice Fieldwork (MS)	8
	Units	15.5
	Total Units	135

Department of Mathematics

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 enhances students' problem-solving capacity and capability 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).

Mathematics Placement Exam

Courses in the Department of Mathematics at any institution are demanding, and Vanguard University is no exception. To help you prepare for college-level mathematics at Vanguard, the Department of Mathematics requires the ***placement*** of all incoming students who want to take math (either MATH-116 College Algebra, MATH-170 Precalculus or MATH-180C Calculus 1), regardless of major. The Placement Exam is managed through a third party entity, called ALEKS' Placement, Preparation and Learning (ALEKS PPL) offers colleges & universities a complete solution for math placement and course preparedness. Combining a research-based, accurate placement assessment with personalized learning tools to help students refresh on lost knowledge and gives students the opportunity to succeed before they even begin class.

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 is 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 under 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/Linguistics and POLS-155C U.S. Government (see program requirements).

Programs

- Actuarial Science B.S. (p. 114)
- Data Science B.S. (p. 115)
- Mathematics B.S. (p. 116)
- Mathematics Major with an Education Minor (VISTA/ITEP) (p. 117)
- Mathematics Minor (p. 118)
- Mathematics Teaching Credential (p. 119)

Courses

CSCI-100C Introduction to Computer Science 3 Credits
Co-Requisite: CSCI-100CL Introductory course in computer science and the student of algorithms appropriate for students in data-intesive 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. Includes a choice of five programming language modules. The course also includes a gentle hand-on introduction to programming concepts with Python.

CSCI-100CL Introduction to Computer Science Lab 1 Credit
Co-Requisite: CSCI-100C Introductory course in computer science and the student of algorithms appropriate for students in data-intesive 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. Includes a choice of five programming language modules. Students will gain a solid background in computing hardware and software networks, programming languages, and applications.

CSCI-400 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 visualization and scientific visualization, and understand how to best leverage visualization methods.

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)

MATH-106 Business Math 4 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)

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)

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-117 College Trigonometry 3 Credits
Complex numbers, trigonometric functions and applications.

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: MATH-145C

MATH-145C Data Analysis 3 Credits
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-170 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.

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. This course fulfills the Math CORE requirement.

MATH-180C Calculus 1 4 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 Math CORE requirement.
Prerequisite: MUST COMPLETE: MATH-170c

MATH-181 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 or permission of instructor

MATH-181C Calculus II 4 Credits
PREREQUISITE: MATH-180 or Consent of the Instructor 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: Must take MATH-180 or have consent of the instructor

MATH-207 Computer Programming 3 Credits
Open to all majors, this course offers the basic concepts of programming, problem solving, programming logic, as well as the design techniques. Programming language is chosen from languages such as Visual Basic, C ++ and MatLab. Special fee for computer lab use.

MATH-210 Technical Writing 3 Credits
Expository writing on technical subjects dealt with in industry, science, and education. Long and short forms including reports, proposals, journal articles, and research papers.

MATH-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.

MATH-265C 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 majoring in Accounting, Anthropology, Psychology, or Sociology must take MATH/PSYC/SOC 265C to fulfill the core curriculum requirement in mathematics. Students majoring in Mathematics are exempt from taking the core curriculum requirement in mathematics.

MATH-270C Health Professions Statistical Methods 3 Credits
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.

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; and second-order differential equations.

MATH-285 Intro to Adv 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-180 or MATH-180C

MATH-291 Special Topic: 1 Credit
Study of a special topic in mathematics. May be repeated for credit.

MATH-292 Special Topic: 2 Credits
Study of a special topic in mathematics. May be repeated for credit.

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

MATH-310 Differential Equations 3 Credits
Methods of solution of ordinary differential equations and applications.

MATH-315 Teaching/Tutoring 3 Credits
This course is designed to give the student introductory experiences in both tutoring and planning classroom observations. These early field experiences will link together mathematical content along with classroom management and interaction with students from diverse populations represented in the California public schools. 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.

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.

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-181 or MATH-181C, MATH-285

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.

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: MATH-281or equivalent

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.

MATH-410 Abstract Algebra 3 Credits
An introduction to modern ideas of algebra, set theory, groups, rings, and fields.

MATH-420 Higher Geometry 3 Credits
Euclidean geometry from an advanced standpoint, and topics in non-Euclidean geometry.
Prerequisite: MATH-285

MATH-450 UG Research and 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 MATH-450 or MATH-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 buisness firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned intructor. Students are responsible for completing a project report and presenting their research results in MATH-499C

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, recitation and/or laboratory session. This course may be taken for 1-3 units per semester. May be repeated for a maximum of six units.

MATH-470 Special Topic: 1-3 Credits
Study in a special topic in mathematics. May be repeated for credit.

MATH-480 Individual Studies: 1-3 Credits
May be repeated for credit.

MATH-485 Undergraduate Research 2 Credits
This course provides the student with an empreically-based research experience in the mathemaical, biological, or chemical sciences. This course is structured around addressing problems in advanced laboratory research with emphasis on research techniques include: project managment, safety, instrumentation, computer programming, and notebook documentation. Research is carried out under the supervision of hte instructor with weekly conferences to discuss results and direction. 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 MATH/BIOL/CHEM-499C. This course is a variable credit course. At least two units are recommended for all mathematics, environmental sciences, and biology majors and are required for all chemistry, engineering physics, and biochemistry majors. A minimum of 50 hours of laboratory work is required per unit. May be repeated. Lab fee.

MATH-488 Senior Project 2 Credits
An advance 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 int he Fall. The porject resuts must also be presented in MATH-499C.
Prerequisite: MATH-285

MATH-499C Mathematics Capstone 2 Credits
This course includes analysis and evaluation of current research in STEM and the integration of faith and learning in the mathematical scienes. An oral presentation of MATH-485 or MATH-488 is required. In-class presentations by faculty and guests are a part of the course. Attendance of both on-campus and off-campus seminars are required. This course fulfills the Core Curriculum Captstone requirement for Mathematics majors.

Actuarial Science B.S.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Mathematics CORE Requirements		41
Actuarial Science Major Requirements		31-33
Total Units		124-128

Mathematics Major Core Requirements

Code	Title	Units
Lower Division:		
MATH-180C	Calculus 1	4
MATH-181C	Calculus II	4
CSCI-100C & 100CL	Introduction to Computer Science and Introduction to Computer Science Lab	4
MATH-265C	Intro to Statistical Methods	3
MATH-207	Computer Programming	3
MATH-281	Multivariable Calculus	4
MATH-285	Intro to Adv Mathematics	3
Upper Division		
MATH-300	Linear Algebra	3
MATH-310	Differential Equations	3
MATH-365	Probability and Statistics	3
MATH-390	Numerical Analysis	3
MATH-485	Undergraduate Research	2
or MATH-450	UG Research and Internship Program	
or MATH-488	Senior Project	
MATH-499C	Mathematics Capstone	2
Total Units		41

Actuarial Science Major Requirements

Code	Title	Units
ACCT-225	Principles of Financial Accounting	4
ACCT-321	Accounting and Finance for Decision Making	4
BUSN-215	Principles/Economics I-Macro	3
BUSN-216	Principles/Economics II-Micro	3
DSCI-100C & 100CL	Introduction to Data Science and Introduction to Data Science Laboratory	4
FINC-335	Corporate Finance	3
MATH-375	Discrete Mathematics	3
MATH-400	Casualty & Actuarial Mathematics	3
Electives		
Select two (2) lecture/lab courses from MATH, DSCI, CSCI, or BUSN		6-8
Total Units		33-35

Four Year Plan

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
KINE-146C	Lifetime Fitness/Well Activity	1
MATH-285	Intro to Adv Mathematics	3
NT-101C	New Testament Survey	3
MATH-180C	Calculus 1	4
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
KINE-145C	Lifetime Fitness/Wellness Lect	1
MATH-181	Calculus II	4
SOC-PLHD	Social Science Requirement	3
CSCI-100C	Introduction to Computer Science	3
CSCI-100CL	Introduction to Computer Science Lab	1
	Units	12
Year 2 Term 1		
MATH-281	Multivariable Calculus	4
MATH-300	Linear Algebra	3
BUSN-215	Principles/Economics I-Macro	3
THEO-PLHD	Theology Core Requirement	3

DSCI-100C	Introduction to Data Science	3
DSCI-100CL	Introduction to Data Science Laboratory	1
	Units	17
Year 2 Term 2		
MATH-207	Computer Programming	3
MATH-265C	Intro to Statistical Methods	3
MATH-310	Differential Equations	3
OT-201C	Old Testament Survey	3
BUSN-216	Principles/Economics II-Micro	3
	Units	15
Year 3 Term 1		
MATH-375	Discrete Mathematics	3
MATH-390	Numerical Analysis	3
ACCT-225	Principles of Financial Accounting	4
SOC-PLHD	Social Science Requirement	3
FINA-PLHD	Fine Arts Requirement	3
	Units	16
Year 3 Term 2		
HSPS-PLCR	Hsps Core Requirement	3
MATH-485	Undergraduate Research	2
MATH-3XX	Mathematics Elective - 300 Level	1-9
COMM-201C	Speech Comp/Presentation	3
ACCT-321	Accounting and Finance for Decision Making	4
	Units	13-21
Year 4 Term 1		
ENGL-220C	Researched Writing	3
FINC-335	Corporate Finance	3
HIST-203C	World Civilizations I	3
THEO-300C	Developoing a Christian World View	3
MATH-4XX	Mathematics Elective - 400 Level	1-9
	Units	13-21
Year 4 Term 2		
MATH-365	Probability and Statistics	3
MATH-499C	Mathematics Capstone	2
ENGL-230C	Literature and the Human Experience	3
MATH-400	Casualty & Actuarial Mathematics	3
CHIS-400C	Christian Heritage	3
	Units	14
	Total Units	115-131

Data Science B.S.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Mathematics Core Requirements		41
Data Science Major Requirements		32-33
Total Units		125-128

Mathematics Core Requirements

Code	Title	Units
Lower Division		
MATH-180C	Calculus 1	4
MATH-181C	Calculus II	4
CSCI-100C & 100CL	Introduction to Computer Science and Introduction to Computer Science Lab	4
MATH-265C	Intro to Statistical Methods	3
MATH-207	Computer Programming	3
MATH-281	Multivariable Calculus	4
MATH-285	Intro to Adv Mathematics	3
Upper Division		
MATH-300	Linear Algebra	3
MATH-310	Differential Equations	3
MATH-365	Probability and Statistics	3
MATH-390	Numerical Analysis	3
MATH-485	Undergraduate Research	2
or MATH-450	UG Research and Internship Program	
or MATH-488	Senior Project	
MATH-499C	Mathematics Capstone	2
Total Units		41

Data Science Major Requirements

Code	Title	Units
BUSN-125	Computer Applications	3
DSCI-100C & 100CL	Introduction to Data Science and Introduction to Data Science Laboratory	4
DSCI-300	Database Management	3
DSCI-350	Data Mining	3
DSCI-410	Data Visualization	3
MATH-330	Number Theory	3
MATH-375	Discrete Mathematics	3
MRKT-360	Principles of Marketing	3
SOC-369 & 369L	Research Design & Methods and Research Design & Methods Lab	4
Electives		
Select one lecture/lab from either the MATH, CSCI, or DSCI disciplines.		3-4
Total Units		32-33

Four Year Plan

Course	Title	Units
Year 1 Term 1		
MATH-285	Intro to Adv Mathematics	3
NT-101C	New Testament Survey	3
MATH-180C	Calculus 1	4
DSCI-100C	Introduction to Data Science	3

DSCI-100CL	Introduction to Data Science Laboratory	1
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
MATH-181	Calculus II	4
SOC-PLHD	Social Science Requirement	3
CSCI-100C	Introduction to Computer Science	3
CSCI-100CL	Introduction to Computer Science Lab	1
	Units	13
Year 2 Term 1		
MATH-281	Multivariable Calculus	4
MATH-300	Linear Algebra	3
THEO-101C	Foundations of Christian Life	3
BUSN-125	Computer Applications	3
FINA-PLHD	Fine Arts Requirement	3
	Units	16
Year 2 Term 2		
MATH-207	Computer Programming	3
MATH-265C	Intro to Statistical Methods	3
MATH-310	Differential Equations	3
OT-201C	Old Testament Survey	3
DSCI-300	Database Management	3
	Units	15
Year 3 Term 1		
ENGL-120C	Persuasive Writing	3
MATH-375	Discrete Mathematics	3
MATH-390	Numerical Analysis	3
SOC-PLHD	Social Science Requirement	3
HIST-PLHD	History Core Requirement	3
	Units	15
Year 3 Term 2		
SOC-369	Research Design & Methods	3
SOC-369L	Research Design & Methods Lab	1
HSPS-PLCR	Hsps Core Requirement	3
MATH-485	Undergraduate Research	2
DSCI-3XX	Data Science Elective-300 Level	1
	Units	10
Year 4 Term 1		
ENGL-220C	Researched Writing	3
MRKT-360	Principles of Marketing	3
THEO-300C	Developoing a Christian World View	3
DSCI-4XX	Data Science Elective-400 Level	1
COMM-201C	Speech Comp/Presentation	3
	Units	13
Year 4 Term 2		
MATH-365	Probability and Statistics	3
MATH-499C	Mathematics Capstone	2
ENGL-230C	Literature and the Human Experience	3
DSCI-350	Data Mining	3
MATH-4XX	Mathematics Elective - 400 Level	1-9
CHIS-400C	Christian Heritage	3
	Units	15-23
	Total Units	112-120

Mathematics B.S.

There are four possible degrees in Mathematics including: Actuarial Science, Data Science, Mathematics, and Mathematics Teaching with an Education Minor (the VISTA program). All four programs have a common core of foundational mathematics courses with additional specific courses that provide the academic expertise in the respective sub-discipline.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		62
Total Units		114-116

Mathematics Major

Code	Title	Units
Lower Division		
MATH-180C	Calculus 1	4
MATH-181C	Calculus II	4
CSCI-100C	Introduction to Computer Science	3
CSCI-100CL	Introduction to Computer Science Lab	1
MATH-265C	Intro to Statistical Methods	3
MATH-207	Computer Programming	3
MATH-281	Multivariable Calculus	4
MATH-285	Intro to Adv Mathematics	3
Upper Division		
MATH-300	Linear Algebra	3
MATH-310	Differential Equations	3
MATH-365	Probability and Statistics	3
MATH-390	Numerical Analysis	3
MATH-485	Undergraduate Research	2
or MATH-450	UG Research and Internship Program	
or MATH-488	Senior Project	
MATH-499C	Mathematics Capstone	2
Electives		
Select nine units from the following:		9
MATH-330	Number Theory	
MATH-375	Discrete Mathematics	
MATH-400	Casualty & Actuarial Mathematics	
PSCI-223C & 223CL	Mechanics and Heat and Mechanics and Heat Lab	
DSCI-300	Database Management	
DSCI-350	Data Mining	

DSCI-410	Data Visualization	
Total Units		50

Four Year Plan

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
MATH-285	Intro to Adv Mathematics	3
NT-101C	New Testament Survey	3
MATH-180C	Calculus 1	4
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
KINE-146C	Lifetime Fitness/Well Activity	1
MATH-181	Calculus II	4
HSPS-PLCR	Hsps Core Requirement	3
THEO-PLHD	Theology Core Requirement	3
CSCI-100C	Introduction to Computer Science	3
CSCI-100CL	Introduction to Computer Science Lab	1
	Units	15
Year 2 Term 1		
MATH-281	Multivariable Calculus	4
OT-201C	Old Testament Survey	3
PSCI-223C	Mechanics and Heat	3
PSCI-223CL	Mechanics and Heat Lab	1
SOC-PLHD	Social Science Requirement	3
	Units	14
Year 2 Term 2		
MATH-265C	Intro to Statistical Methods	3
PSCI-225	Electricity, Magnetism/Light	3
PSCI-225L	Electricity/Magntsm/Light Lab	1
SOC-PLHD	Social Science Requirement	3
HIST-PLHD	History Core Requirement	3
DSCI-2XX	Data Science Elective-200 Level	1
	Units	14
Year 3 Term 1		
MATH-375	Discrete Mathematics	3
MATH-390	Numerical Analysis	3
THEO-300C	Developoing a Christian World View	3
ELCT-PLUD3	Upper Div Elective 3 Units	3
CSCI-3XX	Computer Science Elective-300 Level	1
	Units	13
Year 3 Term 2		
MATH-207	Computer Programming	3
MATH-310	Differential Equations	3
MATH-365	Probability and Statistics	3
MATH-420	Higher Geometry	3
MATH-485	Undergraduate Research	2
	Units	14
Year 4 Term 1		
ENGL-220C	Researched Writing	3
MATH-300	Linear Algebra	3
MATH-4XX	Mathematics Elective - 400 Level	1-9
CHIS-400C	Christian Heritage	3
COMM-201C	Speech Comp/Presentation	3
	Units	13-21
Year 4 Term 2		
MATH-330	Number Theory	3
MATH-380	Elementary Analysis I	3
MATH-499C	Mathematics Capstone	2
ENGL-230C	Literature and the Human Experience	3
FINA-PLHD	Fine Arts Requirement	3
	Units	14
	Total Units	112-120

Mathematics Major with an Education Minor (VISTA/ITEP)

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		21
Credentialing Coursework		27
Mathematics Minor		21
Total Units		121-123

Requirements

Code	Title	Units
MATH-315	Teaching/Tutoring	3
MATH-330	Number Theory	3
MATH-380	Elementary Analysis I	3
MATH-410	Abstract Algebra	3
MATH-420	Higher Geometry	3
POLS-155C	U.S. Government	3
ANTH/ENGL-453	Language,Culture/Linguistics	3
Total Units		21

Credentialing Coursework

Code	Title	Units
EDUC-424	Found/Teaching for Single Subj	2
EDUC-426	Instr Des/Subj Spec Pedag-Mltp	4
EDUC-434	Curr Unit Planning/Single Subj	2
EDUC-435	Early Supervsd Fldwrk-Sngl Sub	4
EDUC-442	CalTPA Cycle 1	0.5
EDUC-443	CalTPA Cycle 2	0.5
EDUC-444	Lang Acquisition/Second Studnt	1

EDUC-447	Metacogntn/Rdg Strategies-Sec	1
EDUC-452	Literacy in the Content Area	1
EDUC-464	Use of Technology in the Classroom	1
EDUC-488	Clinical Practice Seminar Single Subject	2
EDUC-489	Clinical Practice Fieldwork for Single S	8
Total Units		27

Mathematics Minor

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	Intro to Adv Mathematics	3
Select one course from either the MATH, CSCI, or DSCI disciplines.		3
Total Units		21

Four Year Plan

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
MATH-285	Intro to Adv Mathematics	3
NT-101C	New Testament Survey	3
MATH-180C	Calculus 1	4
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
KINE-146C	Lifetime Fitness/Well Activity	1
MATH-181	Calculus II	4
POLS-155C	U.S. Government	3
THEO-PLHD	Theology Core Requirement	3
CSCI-100C	Introduction to Computer Science	3
CSCI-100CL	Introduction to Computer Science Lab	1
COMM-201C	Speech Comp/Presentation	3
	Units	18
Year 2 Term 1		
MATH-281	Multivariable Calculus	4
MATH-300	Linear Algebra	3
OT-201C	Old Testament Survey	3
ENGL-220	Researched Writing	3
SOC-PLHD	Social Science Requirement	3
	Units	16
Year 2 Term 2		
MATH-265C	Intro to Statistical Methods	3
MATH-330	Number Theory	3
MATH-380	Elementary Analysis I	3
THEO-300C	Developoing a Christian World View	3
SOC-PLHD	Social Science Requirement	3
FINA-PLHD	Fine Arts Requirement	3
	Units	18
Year 3 Term 1		
EDUC-315	Teaching/Multicultural Setting	3
MATH-390	Numerical Analysis	3
MATH-410	Abstract Algebra	3
ENGL-230C	Literature and the Human Experience	3
HIST-PLHD	History Core Requirement	3
CHIS-400C	Christian Heritage	3
	Units	18
Year 3 Term 2		
MATH-207	Computer Programming	3
MATH-310	Differential Equations	3
MATH-365	Probability and Statistics	3
MATH-420	Higher Geometry	3
MATH-485	Undergraduate Research	2
ANTH-453	Language,Culture/Linguistics	3
	Units	17
Year 4 Term 1		
EDUC-464	Use of Technology in the Classroom	1
EDUC-452	Literacy in the Content Area	1
EDUC-447	Metacogntn/Rdg Strategies-Sec	1
EDUC-444	Lang Acquisition/Second Studnt	1
EDUC-435	Early Supervsd Fldwrk-Sngl Sub	4
EDUC-424	Found/Teaching for Single Subj	2
EDUC-426	Instr Des/Subj Spec Pedag-Mltp	4
EDUC-442	CalTPA Cycle 1	0.5
	Units	14.5
Year 4 Term 2		
MATH-499C	Mathematics Capstone	2
EDUC-489	Clinical Practice Fieldwork for Single S	8
EDUC-488	Clinical Practice Seminar Single Subject	2
EDUC-434	Curr Unit Planning/Single Subj	2
EDUC-443	CalTPA Cycle 2	0.5
	Units	14.5
	Total Units	131

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	Intro to Adv Mathematics	3
Select one course from either the Mathematics (MATH), Computer Science (CSCI), or Data Science (DSCI) disciplines.		3
Total Units		21

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:		
MATH-180C	Calculus 1	4
MATH-181C	Calculus II	4
MATH-207	Computer Programming	3
MATH-281	Multivariable Calculus	4
MATH-285	Intro to Adv Mathematics	3
Upper Division:		
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	3
MATH-499C	Mathematics Capstone	2
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 & 223CL	Mechanics and Heat and Mechanics and Heat Lab	4
PSCI-225 & 225L	Electricity, Magnetism/Light and Electricity/Magntsm/Light Lab	4
Additional Courses Required For Credentialing:		
ANTH/ ENGL-453	Language,Culture/Linguistics	
POLS-155C	U.S. Government	
Total Units		58

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 emphases in Music Ministry or Applied Music); a Bachelor of Arts in Worship Studies; the professional degree, Bachelor of Music: Pre-Teacher Certification; and a Music Minor. Elaboration on the following materials can be found in the Music Handbook.

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.

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. Applied Instrument)	Primary Large Ensemble	Second Small Ensemble
Flute	Orchestra	Concert Band, Chamber Music
Oboe	Orchestra	Concert Band, Chamber Music
English Horn	Orchestra	Concert Band, Chamber Music
Clairnet	Orchestra	Concert Band, Chamber Music
Bassoon	Orchestra	Concert Band, Chamber Music
French Horn	Orchestra	Concert Band, Chamber Music
Trumpet, Trombone	Orchestra	Concert Band, Jazz Ensemble, Jazz Combo, Chamber Music
Tuba	Orchestra	Concert Band
Percussion	Orchestra	Percussion Ensemble, Concert Band, Jazz Ensemble, Jazz Combo
Piano	Orchestra, Jazz Ensemble, Concert Choir, Women's Chorus	Chamber Music
Harp	Orchestra	Chamber Music
Violin, Viola, Cello	Orchestra	Chamber Music
Double Bass (Electric Bass Guitar)	Orchestra	Concert Band, Jazz Ensemble, Jazz Combo
Saxophone	Orchestra, Jazz Ensemble	Concert Band, Jazz Combo
Guitar (Electric Guitar)	Concert Choir, Women's Chorus	VSB, Chamber Music, Jazz Combo
Voice	Concert Choir, Women's Chorus	Chamber Music

Programs

- Music (Pre-Teacher Certificate) (p. 128)
- Music B.A. (p. 129)
- Music Minor (p. 130)
- Music – Professional Degree B.M. (p. 130)

Courses

Music

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.

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.

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 sight-singing and ear-training. Students must receive a grade of 'C-' or higher to advance to Music Theory I (MUSC 131). This course does not count toward the music major/minor requirements.

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. This course is required of all Music Majors, Worship Studies and Music Minors studying guitar as their applied instrument. Music students wishing to be exempt must pass the guitar placement requirement. 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-114B Recital Attendance 0 Credits

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.

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.

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.

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

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.

MUSC-201 Introduction to Music Education 2 Credits
An overview of the music teaching profession and its philosophical and practical application for 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.

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.

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

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. Open to members of the Concert Choir, Women's Chorus, or Concert Orchestra by audition and interview. Lab fee.

MUSC-222 Percussion Ensemble 1 Credit
Study and performance of percussion ensemble literature from all musical periods. Meets two hours each week. Open to all students by audition. Offered upon demand. Does not meet the music major ensemble requirement.

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

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

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.

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.

MUSC-240 University Orchestra 1 Credit
Instrumental ensemble for the study and performance of orchestral literature, including classics, spirituals, hymn/anthem arrangements and contemporary Christian music. Performs at special concerts on and off campus; provides accompaniment for the University Concert Choir, including annual Spring tour. Meets three hours weekly. Open to all undergraduate and graduate students by audition and interview. Meets the music major ensemble requirement.

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.

MUSC-242 Guitar Quartet 1 Credit

MUSC-244 Concert Band 1 Credit
The Vanguard University Concert Band is a winds and percussion ensemble based on traditional concert band instrumentation. The University Concert Band performs large ensemble works and focuses on providing members with a variety of repertoire, including standard for the ensemble, popular works, new music, and non-traditional collaborations. This ensemble also provides music education majors with exposure to music and teaching techniques applicable to their future careers. Open to all students, alumni, and community members by audition. Concerts for the University Concert Band are on campus and at a variety of off-campus venues. Does not meet the music major ensemble requirement. Meets the secondary small ensemble requirement.

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.

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.

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.

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-275 Applied Music: Instrument 1 Credit

MUSC-276 Applied Music: Organ 1 Credit

MUSC-277 Applied Music: Piano 1 Credit

MUSC-278 Applied Music: Voice 1 Credit

MUSC-288 Transfer Hist/Rock Music 3 Credits

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.

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 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

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.

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.

MUSC-315 Applied Music: Instrument 1 Credit

MUSC-319 Vanguard Singers and Band 1 Credit
Refer to MUSC 219 . Vanguard Singers and Band

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

MUSC-326 Music Hist/Lit II (1600-1900) 3 Credits
A survey of music history from the Classical and Romantic eras (1750 - 1900). Offered Spring only. Lab fee

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

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.

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

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.

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.

MUSC-340 University Orchestra 1 Credit
Refer to MUSC 240 . University Orchestra

MUSC-341 Women's Chorus 1 Credit
Refer to MUSC 241 . Women's Chorus

MUSC-342 Guitar Quartet 1 Credit

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 self-accompany via guitar, ukulele, piano, garage band, for example.

MUSC-344 Concert Band 1 Credit
The Vanguard University Concert Band is a winds and percussion ensemble based on traditional concert band instrumentation. The University Concert Band performs large ensemble works and focuses on providing members with a variety of repertoire, including standard for the ensemble, popular works, new music, and non-traditional collaborations. This ensemble also provides music education majors with exposure to music and teaching techniques applicable to their future careers. Open to all students, alumni, and community members by audition. Concerts for the University Concert Band are on campus and at a variety of off-campus venues. Does not meet the music major ensemble requirement. Meets the secondary small ensemble requirement.

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.

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

MUSC-352 Internship 1 Credit
A 12-week internship in the music industry (non-profit, church or for-profit). 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.

MUSC-358 Guitar Pedagogy 2 Credits
This course is designed to examine the historic and contemporary materials and techniques available for effectively teaching the guitar to students at all levels. The course surveys a wide range of method and studies, and examines the effectiveness of various pedagogical approaches to technique and interpretive analysis. Offered Spring of odd years.

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

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.

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-225

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.

MUSC-407 Creative Worship Workshop 2 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-408 Music Ministry Administration 3 Credits
Practical elements of worship ministry, including leadership qualities, functioning on a church staff, designing and leading biblical worship, and effective leadership as a pastoral musician. Offered Fall of even years. Lab fee.

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.

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.

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.

MUSC-450 Music Ministry Internship 1 Credit
Student is responsible to make arrangements and receive faculty approval of an internship site. Course approval notification will be submitted to the academic advisor prior to registration. Participation in an in-church experience for planning, leading, and evaluating corporate worship. Particulars should give the student concrete experience in the student's major area of emphasis. Offered on a credit/fail basis only.

MUSC-451 Worship Leader Internship 1 Credit
Student is responsible to make arrangements and receive faculty approval of an internship site at which the student will work a minimum of ten hours per week. Course approval notification will be submitted to the academic advisor prior to registration. Participation in an in-church experience for planning, leading, and evaluating corporate worship, particularly in the area of music and the arts. Offered on a credit/fail basis only.

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.

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-477 Applied Music: Piano 1 Credit

MUSC-478 Applied Music: Voice 1 Credit

MUSC-480 Individual Studies: 1-3 Credits
Open to qualified upper division students. May be repeated for credit.

MUSC-481 Applied Music: Instrument 1 Credit

MUSC-482 Applied Music: Instrument 1 Credit

MUSC-483 Applied Music: Piano 1 Credit

MUSC-484 Applied Music: Piano 1 Credit

MUSC-485 Applied Music: Voice 1 Credit

MUSC-486 Applied Music: Voice 1 Credit

MUSC-487 Applied Music: Organ 1 Credit

MUSC-488 Applied Music: Organ 1 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, MUSI-492

MUSC-498C Final Presentation for Worship Studies 2 Credits
Proposal for presentation must be submitted to the advisor the first month of the semester. Students may choose from a variety of presentation styles, including but not limited to 20-30 minute formal recital, film or media presentation, planning and leadership of service of worship music, coordination of worship art exhibit. Students will be required to submit a reflection on the project and a reflection paper discussing the synthesis of faith and music with the academic journey. This course fulfills the Core Capstone requirement for the Bachelor of Arts in Worship Studies. Lab fee.

MUSC-499 Faith, Life, and Worship Arts With Seminar 2 Credits
This seminar course addresses issues related to obtaining a position and working within the context of a changing church organism. Topics vary, but will consistently address the resume and audition package, interviewing for a position, as well as the actuality of merging new ideas or technology (often conference content) with the real situation of a home church. Offered Spring of even years.

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.

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.

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.

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.

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.

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.

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.

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.

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-175 Applied Music: Instrumental 2 Credits

MUPF-176 Applied Music:Organ 2 Credits

MUPF-177 Applied Music:Piano 2 Credits

MUPF-178 Applied Music:Voice 2 Credits

MUPF-215 Applied Music:Instrumental 2 Credits

MUPF-217 Applied Music: Piano 2 Credits

MUPF-218 Applied Music: Voice 2 Credits

MUPF-231 Applied Instruction: Organ 2 Credits

MUPF-275 Applied Music: Instrumental 2 Credits

MUPF-277 Applied Music: Piano 2 Credits

MUPF-278 Applied Music: Voice 2 Credits

MUPF-315 Applied Music: Instrumental 2 Credits

MUPF-317 Applied Music: Piano 2 Credits

MUPF-318 Applied Music: Voice 2 Credits

MUPF-375 Applied Music: Instrumental 2 Credits

MUPF-377 Applied Music: Piano 2 Credits

MUPF-378 Applied Music: Voice 2 Credits

MUPF-415 Applied Music: Instrumental 2 Credits

MUPF-417 Applied Music: Piano 2 Credits

MUPF-418 Applied Music: Voice 2 Credits

MUPF-475 Applied Music:instrumental 2 Credits

MUPF-477 Applied Music: Piano 2 Credits

MUPF-478 Applied Music: Voice 2 Credits

MUPF-481 Applied Music: Instrumental 2 Credits

MUPF-482 Applied Music:instrumental 2 Credits

MUPF-483 Applied Music: Piano 2 Credits

MUPF-484 Applied Music: Piano 2 Credits

MUPF-485 Applied Music: Voice 2 Credits

MUPF-486 Applied Music: Voice 2 Credits

MUPF-487 Applied Music: Organ 2 Credits

MUPF-488 Applied Music: Organ 2 Credits

MUPF-491C Senior Recital and Research 2 Credits
For Bachelor of Music degree candidates with a major in performance. Preparation and presentation of representative works on the primary instrument in a forty-five-minute solo recital. Also includes independent research culminating in detailed program notes, a research paper on a special topic related to the recital program 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 requirements for the Bachelor of Music in Performance and Jazz Studies degrees. Lab fee.

Applied Composition

MUTC-320 Advanced Midi 2 Credits

MUTC-391 Junior Recital 1 Credit

MUTC-433 Scoring for Film/Television 4 Credits

MUTC-495 Senior Recital in Composition 1 Credit

Jazz Studies

MUJZ-355 Jazz Music History 3 Credits

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.

MUJZ-370 Jazz Improv Styles/Analysis 2 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. Attendance of 3 concerts required. This course satisfies the Core Curriculum Fine Arts requirement. Offered Spring of even years. Lab fee.

Music (Pre-Teacher Certificate)

Requirements

The Music Education (Pre-Teacher Certification) program that is outlined below incorporates content specific courses to meet the California Teaching Credential Music subject matter.

Code	Title	Units
Core Requirements		
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-233	Music Form and Literature II	3
MUSC-234	Musicianship IV	1
MUSC-253	Music in Global Cultures	2
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
Select one of the following based on private instruction:		2
MUSC-373	Choral Conducting	
MUSC-374	Instrumental Conducting	
Select one of the following:		2
MUSC-301	Counterpoint I	2
MUSC-403	Instrumental Arranging	2
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	1
Piano candidates must have passed Piano Proficiency to apply to the Bachelor of Music degree program.		
Large Ensemble		
Select 8 units of the following:		8
MUSC-240	University Orchestra	
MUSC-241	Women's Chorus	
MUSC-250	Concert Choir (one unit)	
MUSC-340	University Orchestra	
MUSC-341	Women's Chorus	
MUSC-350	Concert Choir (one unit)	
Applied Instruction		
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 Instruction)	0
Total Units		48

Music Education (Pre-Teacher Certification)

Music Education students are advised to take (POLS-155C U.S. Government) in lieu of (HIST-156C U.S. History) and (ANTH-453 Language,Culture/Linguistics) (Pre-Req.: Intro to Anthro) for entrance into the Vanguard University Credentialing program.

Students must take (MUSC-403 Instrumental Arranging) in the Music Core.

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
Choose 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 Literature	2
MUSC-339	Secondary Vocal Music Methods and Literature	2
MUSC-410	Choral Arranging	2
Select 12 units of Applied Instruction courses: (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 Instruction)	0
MUSC-491C	Recital and Research	2
Total Units		40

Students failing the teaching project portion of MUSC-491C Recital and Research will be required to enroll and take the course again.

Music B.A.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		52
Concentration		14-21
Worship Leadership		
Total Units		118-127

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	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 Orchestra	1
MUSC-241	Women's Chorus	1
MUSC-250	Concert Choir (one unit)	1
MUSC-340	University 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 & MUSI-401	Applied Instruction: Voice and Applied Instruction: Voice	
MUSI-211 & MUSI-411	Applied Instruction: Piano and Applied Instruction: Piano	
MUSI-221 & MUSI-421	Applied Instruction: Guitar and Basic Instruction: Guitar	
MUSI-231 & MUSI-431	Applied Music: Organ and Applied Instruction: Organ	
MUSI-291 & 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 & MUSI-301	Basic Instruction: Voice and Basic Instruction: Voice	

MUSI-111 & MUSI-311	Basic Instruction: Piano and Basic Instruction: Piano	
MUSI-121 & MUSI-321	Basic Instruction: Guitar and Basic Instruction: Guitar	
MUSI-131 & MUSI-331	Basic Music: Organ and Basic Instruction: Organ	
MUSI-191 & MUSI-391	Basic Instruction: Instrument and Basic Instruction: Instrument	
MUSC-352	Internship	1
MUSC-462	Music and Business	3
Total Units		53

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	2
MUSC-409	Music Administration and Leadership	3
Applied Instruction:		2
Select two units from the following:		
MUSI-201 & MUSI-401	Applied Instruction: Voice and Applied Instruction: Voice	
MUSI-211 & MUSI-411	Applied Instruction: Piano and Applied Instruction: Piano	
MUSI-221 & MUSI-421	Applied Instruction: Guitar and Basic Instruction: Guitar	
MUSI-231 & MUSI-431	Applied Music: Organ and Applied Instruction: Organ	
MUSI-291 & MUSI-491	Applied Instruction: Instrument and Applied Instruction: Instrument	
MUSI-200	Recital Attendance (Co-requisite with Applied Instruction)	0
Total Units		14

Music Minor

Requirements

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 Orchestra	
MUSC-241	Women's Chorus	
MUSC-250	Concert Choir	
MUSC-223	Jazz Ensemble	
and/or		
MUSC-340	University Orchestra	
MUSC-341	Women's Chorus	
MUSC-350	Concert Choir	
MUSC-323	Jazz Ensemble (one unit)	
Applied Instruction (MUSI)		
Select 4 units from the following:		4
MUSI-201 & MUSI-401	Applied Instruction: Voice and Applied Instruction: Voice	
MUSI-211 & MUSI-411	Applied Instruction: Piano and Applied Instruction: Piano	
MUSI-221 & 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
Total Units		24-25

Music – Professional Degree B.M.

The Bachelor of Music degree is a professional degree program.

Students must have earned and maintain a GPA of 2.5 or higher. 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 Pre-Recital Hearing.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		49
Concentrations		30-40
Performance Concentrations (p.)		

Composition (p.)	
Pre-Teacher Certificate (p. 131)	
Church Music (p.)	
Jazz Studies (p.)	
Total Units	131-143

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		
MUSC-253	Music in Global Cultures	2
MUSC-325	Music Hist/Literature I (before 1600)	3
MUSC-326	Music Hist/Lit II (1600-1900)	3
MUSC-327	Music History & Literature III [1]	2
Select one from the following based on private instruction: :		2
MUSC-373	Choral Conducting	
MUSC-374	Instrumental Conducting	
MUSC-233	Music Form and Literature II	3
MUSC-403	Instrumental Arranging	2
Performance Requirements [2]		
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)	1
Large Ensemble		
Select eight units of the following:		8
MUSC-240	University Orchestra	
MUSC-241	Women's Chorus	
MUSC-250	Concert Choir (one unit)	
MUSC-340	University 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 Instruction)	0
Total Units		49

1 Candidates for Jazz Studies must take MUJZ-355C Jazz Music History in lieu of MUSC-325 Music Hist/Literature I (before 1600).

2 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 U.S. Government *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 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 Instruction)	0
MUSC-491C	Recital and Research [1]	2
Total Units		40

[1] Students failing the teaching project portion of MUSC-491C Recital and Research will be required to enroll and take the course again.

Department of Nursing

Mission: Providing quality undergraduate and graduate nursing programs that promote academic excellence while integrating the values of truth, virtue, and service.

The Prelicensure 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.

Students will be admitted to Pre-nursing Lower Division coursework and will apply in year two for progression to Upper Division Nursing Courses.

Student 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: Use communication theories and techniques to promote communication and collaborative relationships with intra-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.

Admission Requirements

Requirements for entrance to the BSN Program are:

- A minimum preferred cumulative grade point average (GPA) of 3.0 on a 4.0 scale.
- Minimum grade of 'B-' (2.7) on science prerequisite requirements, no lower than a 'C' (2.0) in each course.
- Completion of the Supplemental Application for Admission, Prelicensure Program.
- Official transcripts from each college/university, school of nursing attended.
- A 250 word Statement of Purpose
- Evidence of all required immunizations and report of a current physical exam (within one year of program application).
- Clear criminal background check (contracted by University).
- A copy of a basic life support certification (BLS).
- An interview and a writing sample with the Admissions Committee.
- Screening exam - the Test of Essential Academic Skills (TEAS) - preferred score of 75%.

Attendance Policy

Regular attendance in nursing classes, clinical, laboratory and simulation experience is mandatory. Any student who fails to make up a clinical laboratory experience or clinical agency absence, on a date/time as scheduled by faculty, will receive an unsatisfactory clinical grade. An automatic failing grade for the nursing course will ensue.

Course Repetition

Students enrolled in the Prelicensure 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 Program Director.

Malpractice Insurance

Each student must have basic malpractice insurance before the beginning of the third year and fourth year prior to enrollment in any Nursing clinical course.

Programs

- Nursing B.S.N. (p. 134)
- Nursing M.S.N. (p. 135)

- Nursing Program – RN to BSN (p. 138)
- Post-Master's Clinical Nurse Specialist Certificate (p. 139)

Courses

NRS-302A Fundamentals of Nursing Theory and Practice 2 Credits
This course introduces the student to the history and theories of professional nursing practice. The roles of the nurse as provider of care; designer, manager and coordinator of care; and member of the profession are explored. Basic nursing skills are introduced with an emphasis on patient activities of daily living, therapeutic communication, patient safety, and documentation. The associated lab (45 hours) allows the student to practice fundamental skills in a simulated patient care environment.

NRS-302B Fundamentals of Nursing Theory and Practice 2 Credits
This course builds upon evidence-based concepts, knowledge, and skills introduced in NRS 302 A. Using the nursing process, the student will assess alterations in health and illness, and intervene with appropriate nursing care. The lab portion of the course (45 hours) provides the opportunity for the student to master fundamental nursing care and basic nursing skills in a simulated patient care environment.

NRS-350 Nurs Care/Adult & Older Adult I 6 Credits
This 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. Students will have opportunity to learn and practice skills associated with moderately complex health needs. Concurrent clinical experiences (135 hours) will be spent in simulated, community-based, and acute care environments.

NRS-355 Physical Assessment 3 Credits
This 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. Course format consists of 2 hours of lecture and 3 hours of lab per week in a simulated patient care environment.

NRS-360 Psyc & Mental Health Nursing 4 Credits
This course provides evidence-based concepts and clinical experiences related to providing care for the client 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 with mental illness. Holistic approaches to care and therapeutic communication will be explored. Concurrent clinical experiences (90 hours) will be spent in simulated, community-based, and acute care settings.

NRS-365A Integr Pathophys/Pharmacology 2 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.

NRS-365B Integr Pathophys/Pharmacology 2 Credits
This course builds upon content learned in NRS 365 A. Using a system's approach, a continuation of pathophysiological principles is provided and applied to current nursing practice. Pharmacological principles and the major drug classifications will be further explored in conjunction with the pathophysiological process.

NRS-370 Nurs Care/Adult & Older Adult II 6 Credits
This course provides classroom and clinical experiences in optimally caring for the adult and older adult patient, while building upon evidence-based concepts learned in NRS 350 Nursing Care of the Adult I. 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. Concurrent clinical experiences (135 hours) will be spent in simulated, community-based, and acute care environments.

NRS-375 Maternity/Women's Health 4 Credits
This course provides evidence-based concepts and clinical experiences in the care and management of women's health and illness across the lifespan. Focus is on family-centered care, teamwork and collaboration, patient safety, and quality improvement in caring for women and their newborns. Concurrent clinical experiences (90 hours) will be spent in simulated, community-based, and acute care environments.

NRS-380 Nursing Faithfully Elective 2 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. Local field activities will facilitate the opportunity to minister to diverse populations.

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.

NRS-400 Nursing Care/Crit Ill Adult/Older Adult 6 Credits
This course provides evidence-based concepts and clinical experiences in caring for the critically and emergently ill adult and older adult. The nursing process will be applied 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. Concurrent clinical experiences (135 hours) will be spent in simulated and acute care settings.
Prerequisite: Must complete NRS-370

NRS-420 Nurs Care/Child/Adolescent 4 Credits
This course provides evidence-based concepts and clinical experiences 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. Concurrent clinical experiences (90 hours) will be spent in simulated, community-based, and acute care environments.
Prerequisite: NRS-375

NRS-460 Leadership & Management 3 Credits
This course explores theories of leadership/management. Emphasizes the importance of accountability, advocacy, communication, inter-professional collaboration in the leadership role, as well as the importance of promoting optimal patient care outcomes. Clinical experiences (45 hours) are with a nurse leader and assignments will be based on concepts presented in the lecture portion of the course. Prerequisite: NRS-370

NRS-465 Nursing Resrch/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.

NRS-468 Comm Health Nurs/Clin Studies 5 Credits
This course provides evidence-based concepts and clinical experiences in the provision of nursing care to individuals, families, and populations in the community setting. Issues such as child abuse and family violence will be explored. Ninety (90) hours of clinical practice in public/community health settings are required to successfully complete this course. The remainder of the required child abuse content for the Public Health Nurse certificate (PHN) is included (5 hours). Two additional hours of child abuse content are covered in NRS 455 Nursing Care of the Child and Adolescent. This course qualifies the BSN graduate for Public Health Nursing certification.

NRS-475 Clinical Nurs Preceptorship 4 Credits
This capstone course focuses on the clinical application of evidence-based concepts of nursing and related coursework in the care of selected populations. A one-unit weekly seminar will provide the opportunity for guided discussions and debriefing with faculty and peers. This clinical experience (135 hours) will further expose students to the complexities of multiple nursing roles.

NRS-478 Nursing Faithfully 2 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. Local field activities will facilitate the opportunity to minister to diverse populations.

Nursing B.S.N.

Requirements

Code	Title	Units
Core Curriculum Requirments		52-54
Major Core Requirements		85
Total Units		137-139

Prelicensure Bachelor of Science in Nursing Major Requirements

Code	Title	Units
Related Discipline Core Requirements		
BIOL-100C & 100CL	Fundamentals of Biology for Non-Majors and Fundamentals/Biology for Non-Majors Lab	4
BIOL-204C & 204CL	Human Anatomy and Human Anatomy Laboratory	4
BIOL-304 & 304L	Human Physiology and Human Physiology Lab	4
BIOL-309 & 309L	Microbiology and Microbiology Laboratory	4
CHEM-210 & 210L	Integrated Chemistry and Integrated Chemistry Laboratory	5
PSYC-103C	Introduction to Psychology [1]	3
MATH-270C	Health Professions Statistical Methods	3
Upper Division		
NRS-302A	Fundamentals of Nursing Theory and Practice	2
NRS-365A	Integr Pathophys/Pharmacology	2
NRS-350	Nurs Care/Adult & Older Adult I	6
NRS-360	Psyc & Mental Health Nursing	4
NRS-355	Physical Assessment	3
NRS-302B	Fundamentals of Nursing Theory and Practice	2
NRS-365B	Integr Pathophys/Pharmacology	2
NRS-370	Nurs Care/Adult & Older Adult II	6
NRS-375	Maternity/Women's Health	4
NRS-400	Nursing Care/Crit Ill Adult/Older Adult	6
NRS-420	Nurs Care/Child/Adolescent	4
NRS-460	Leadership & Management	3
NRS-465	Nursing Resrch/Evidence-Based Practice	3
NRS-468	Comm Health Nurs/Clin Studies	5
NRS-475	Clinical Nurs Preceptorship	4
NRS-478	Nursing Faithfully	2
Elective (1-4 units), may be taken twice		
NRS-385	Specialty Residency Elective	1-4
Total Units		86-89

[1] Course fulfills Core requirements

Four Year Plan

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
NT-101C	New Testament Survey	3
PSYC-103C	Introduction to Psychology	3
BIOL-100C	Fundamentals of Biology for Non-Majors	3
BIOL-100CL	Fundamentals/Biology for Non-Majors Lab	1
CORE-100C	Cornerstone	1
	Units	14

Year 1 Term 2		
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
BIOL-204C	Human Anatomy	3
BIOL-204CL	Human Anatomy Laboratory	1
MATH-270C	Health Professions Statistical Methods	3
HSPS-PLCR	Hsps Core Requirement	3
THEO-PLHD	Theology Core Requirement	3
	Units	15
Year 2 Term 1		
ENGL-220C	Researched Writing	3
BIOL-304	Human Physiology	3
BIOL-304L	Human Physiology Lab	1
OT-201C	Old Testament Survey	3
FINA-PLHD	Fine Arts Requirement	3
HIST-PLHD	History Core Requirement	3
	Units	16
Year 2 Term 2		
BIOL-209	Principles of Microbiology	4
ENGL-230C	Literature and the Human Experience	3
CHEM-210	Integrated Chemistry	4
BIOL-209L	Principles/Microbiology Lab	1
CHEM-210L	Integrated Chemistry Laboratory	1
	Units	13
Year 3 Term 1		
NRS-302A	Fundamentals of Nursing Theory and Practice	2
NRS-350	Nurs Care/Adult & Older Adult I	6
NRS-355	Physical Assessment	3
NRS-360	Psyc & Mental Health Nursing	4
NRS-365A	Integr Pathophys/Pharmacology	2
	Units	17
Year 3 Term 2		
NRS-302B	Fundamentals of Nursing Theory and Practice	2
NRS-365B	Integr Pathophys/Pharmacology	2
NRS-370	Nurs Care/Adult & Older Adult II	6
NRS-375	Maternity/Women's Health	4
SOC-PLHD	Social Science Requirement	3
	Units	17
Year 4 Term 1		
THEO-300C	Developoing a Christian World View	3
NRS-400	Nursing Care/Crit Ill Adult/Older Adult	6
NRS-420	Nurs Care/Child/Adolescent	4
NRS-460	Leadership & Management	3
	Units	16
Year 4 Term 2		
NRS-465	Nursing Resrch/Evidence-Based Practice	3
NRS-475	Clinical Nurs Preceptorship	4
NRS-468	Comm Health Nurs/Clin Studies	5
NRS-478	Nursing Faithfully	2
CHIS-400C	Christian Heritage	3
	Units	17
	Total Units	125

Nursing M.S.N.

Mission: 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 Educational 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 40-45 units that can be completed in a minimum of six semesters.

Program Goals

1. Demonstrate advanced performance in critical thinking and clinical reasoning in the role of the nurse leader and educator through a faith-based 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.

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.

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: : http://www.vanguard.edu/admissions/graduate/how-to-apply (http://www.vanguard.edu/admissions/graduate/how-to-apply/)

Application Checklist

All application documents must be submitted in one envelope and sent to

The Graduate and Professional Studies Admission Office
55 Fair Drive
Costa Mesa, CA 92626.

You may also apply on-line and send the documents under separate cover.

1. $45 application fee
2. Completed admission application
3. Two professional reference forms and letters
4. Official transcripts from all colleges and universities including nursing program
5. Copy of California Registered Nurse (RN) license. License must be current and clear.
6. Evidence of all required immunizations/titers and physical exam report
7. Copy of Basic Life Support (BLS) certificate.
8. Statement of Purpose (250 words)
9. Professional resume
10. Background check and immunization tracker system (contracted by the university)

Admission Requirements for MSN program

1. A clear and current license to practice as a RN in the State of California. A current copy of the license must be submitted in the admission packet.
2. An earned baccalaureate degree from an accredited college or university. The baccalaureate degree can be in Nursing or in another discipline.
3. One year of experience as a RN in the last 5 years.
4. A minimum Grade Point Average (GPA) of 3.0 on a 4.0 scale in all baccalaureate course work.
5. Completion of a college level elementary statistics course.
6. Completion of the Vanguard University application to Graduate Nursing.
7. Official transcripts from each college/university, school of nursing attended.
8. Two professional letters of recommendation are required for MSN applicants except for prospective students who are graduates from the Vanguard RN to BSN program. For Vanguard graduates, only one letter of recommendation is required. No personal letters of recommendation will be accepted.
9. A copy of the candidate's professional resume.
10. A 250 word typed Statement of Purpose.
11. Evidence of all required immunizations and report of a current physical exam (within one year of program application).
12. A copy of a basic life support certification (BLS).
13. An interview with the MSN Coordinator or Director of Nursing.
14. All documents must be submitted in one envelope and sent to the Graduate Admission Office prior to scheduling an admission interview.
15. Background check and immunization tracker system

Note: Graduates of foreign schools must have their transcripts evaluated prior to the beginning of the admission process. A list of acceptable agencies can be obtained from the Vanguard University Registrar's Office. Candidates, for whom English is a second language, must also be evaluated via TOEFL.

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 Nursing Program prior to admission.

Academic Policies

Credit Hour Policy

See Credit Hour Policy section in University Policies.

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. The likelihood of dismissal significantly increases if the student has received one or more grades of "C" or below.

Malpractice Insurance

Each student must have basic malpractice insurance ($1 million/$3 million) before the beginning of the first practicum. This will occur during the third semester of the MSN program. Malpractice insurance is renewed yearly.

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.

Grading

Grading System

The Grading System is outlined in each MSN syllabus. The student is responsible for reviewing this information.

Grade Change Policy

See Grade Change Policy in University Policies.

Grade Appeals

See Grade Appeals section in University Policies.

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".

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 Nursing Office. The forms for this purpose are available in the Graduate Nursing 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 five-year 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.

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.

Medical Leave of Absence Policy

The University recognizes that students may experience a physical or mental health medical situation that significantly limits their ability to function successfully or safely in their role as students. In such situations, students should consider requesting a medical leave, which permits students to take a break from University life and their studies, so that they may receive treatment and later return to the University with the opportunity to achieve their academic and co-curricular goals.

A request for a medical leave of absence must be made with the Disability Services Office. Each medical leave request is individualized, and handled on a case-by-case basis, based on the needs of the student. Upon exit and reinstatement to the University, the student must have adequate medical documentation from a licensed health care or mental health care provider. A medical leave can be granted for up to two consecutive semesters.

Compassionate Leave of Absence Policy

A compassionate leave of absence request may be made and considered for compelling reasons for students who find it necessary to interrupt their studies temporarily. A compassionate leave may be taken for circumstances related to the care of a seriously ill parent, child or spouse, financial or academic difficulties, or other situations that may prevent the student from continuing in classes. A request for a compassionate leave of absence must be made with the Disability Services Office. Each compassionate leave request is individualized, and handled on a case-by-case basis, based on the needs of the student.

Military Leave of Absence Policy

See Military Leave of Absence Policy in Graduate Studies section.

Student Load

A full time academic load at the graduate level is nine (9) unit hours or more per semester, pending specific program requirements.

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. Time spent on leave is calculated into that five (5) year limit. Any exceptions to the limit must be approved by the Director of the Program.

Graduation Requirements

Students pursuing the Master of Science in Nursing degree from Vanguard University are required to satisfy the following graduation requirements:

1. Successful completion of the 40-45 units of course work included in the MSN program. with a minimum grade of "B" (3.0) GPA in all required course work, and within the allowed five (5) years limit.
2. Completion of the thesis project.
3. Submission of the bound thesis project report and project defense.
4. Settlement of all financial obligations to Vanguard University.

5. Completion of all Vanguard University forms necessary for graduation.

Application for Graduation

An application for graduation must be obtained from and filed with the Registrar's 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.

Requirements
MSN Curriculum Schedule

Course	Title	Units
First Year		
First Semester		
NURS-610	Theoretical Frameworks of Education	2
NURS-617	Use of Technology in Healthcare and Nursing Education	2
NURS-630	Curriculum and Program Development	2
	Units	6
Second Semester		
NURS-516	Research Methodologies and Project Development I	3
NURS-621	Strategies of Simulation Learning and Instruction	2
NURS-635	Class/Course Preparation,Planning, and Competency Evaluation	2
	Units	7
Third Semester		
CNSG-613	Advanced Health Assessment	2-3
CNSG-618	Adv Concepts in Pathophysiology	2-3
CNSG-622	Adv Concepts in Pharmacology	2-3
	Units	6-9
Second Year		
Fourth Semester		
NURS-501	Theoretical Frameworks of Leadership	2
NURS-625	Thesis Development II	2
NURS-651	Advanced Education Practicum (55 hours practice and 5 hours seminar)	4
	Units	8
Fifth Semester		
NURS-506	Diversity, Social and Global Issues in Health Promotion and Disease Prevention (online)	2
NURS-531	Assessing, Planning, and Managing Budget Resources	2
NURS-536	Gerontology Care Fortoday and the Future	2
NURS-510	Spirituality & Care in Prof Nursing	1
	Units	7
Sixth Semester		
NURS-526	Policies Affecting Health Delivery And Fiscal Systems (online)	2
NURS-653	Leadership Practicum in Healthcare (55 hours practice and 5 hours seminar)	4
NURS-642	Thesis Development III, Final Written Report and Defense (individual meetings with faculty and on campus seminars)	2
Individual meetings with faculty and on campus seminars		1-2
	Units	9-10
	Total Units	43-47

Nursing Program – RN to BSN

Mission: Providing quality undergraduate and graduate nursing programs that promote academic excellence while integrating the values of truth, virtue, and service.

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.

Student 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 a holistic view of health and living and ongoing professional growth.
5. **Communication:** Demonstrate appropriate written and oral communication skills to promote collaborative relationships with intra-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.
8. **Information 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, and knowledge of healthcare policies to decision making and problem solving in the provision and oversight of safe nursing practice and quality care within complex healthcare systems.

Admission Requirements

- 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)
- Evidence of all required immunizations/titers and physical exam report

Requirements

Code	Title	Units
General Education Core Requirements		43
Nursing Major [1]		42
Electives		39
Total Units		124

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 .

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.

Degree Requirements

Code	Title	Units
English Composition		3
Humanities/Fine Arts		6
Communications (3)		
Humanities (3)		
Science with lab		16
Human Anatomy (4)		
Physiology/Human Biology (4)		
Microbiology (4)		
Chemistry (4)		
Statistics		3
Philosophy/Religion		3
Social Science		
Psychology (3)		
Sociology or Cultural Anthropology (3)		
Elective (3)		
Total General Education Units		40
Total Nursing Major Units (course Descriptions follow) [1]		40
Total Elective Units		40
Total units needed for BSN degree		120

[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.

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.

Post-Master's Clinical Nurse Specialist Certificate

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.

Application Information

Applicants for the 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.

Requirements

CNS Curriculum Schedule

Course	Title	Units
First Year		
First Semester		
CNSG-613	Advanced Health Assessment	2-3
CNSG-618	Adv Concepts in Pathophysiology	2-3
	Units	4-6
Second Semester		
CNSG-622	Adv Concepts in Pharmacology	2-3
CNSG-624	Preparation for the CNS Role as Leader, Educator, and Clinician	2
	Units	4-5

Third Semester		
CNSG-627	Clinical Practicum I: Expert Practice And Education (minimum 167 hours of practice)	4
	Units	4
Second Year		
Fourth Semester		
CNSG-622	Adv Concepts in Pharmacology (minimum 167 hours of practice)	2-3
Fifth Semester		
CNSG-637	Clinical Practicum III:Consultation And Clinical Leadership	4
	Units	6-7
Fourth Semester		
CNSG-622	Adv Concepts in Pharmacology (minimum 167 hours of practice)	4
	Units	4
Fifth Semester		
CNSG-637	Clinical Practicum III:Consultation And Clinical Leadership (minimum 167 hours of practice)	4
	Units	4
	Total Units	26-30

Department of Psychology

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.

Programs

- Psychology B.A. (p. 143)
- Psychology Minor (p. 144)

Courses

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)

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.

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

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

PSYC-265C 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 majoring in Accounting, Anthropology, Psychology, or Sociology must take MATH/PSYC/SOC-265C to fulfill the core curriculum requirement in mathematics. Students majoring in Mathematics are exempt from taking the core curriculum requirement in mathematics.

PSYC-291 Special Topic: 1 Credit
A lower division study of a special topic in psychology and may be repeated for credit.

PSYC-292 Special Topic: 2 Credits
A lower division study of a special topic in psychology and may be repeated for credit.

PSYC-293 Special Topic: 3 Credits
A lower division study of a special topic in psychology and may be repeated for credit.

PSYC-312 Death, Grief, and Loss System 3 Credits
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

PSYC-320 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). The course is recommended early in the major and is a prerequisite for other psychology courses.
Prerequisite: PSYC-103C

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

PSYC-324 Social Psychology 3 Credits
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

PSYC-331 Diversity in the Helping Professions 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 Abnormal Psychology 3 Credits
A study of sociocultural, spiritual, emotional, cognitive, and behavioral deviations with regard to description, patterns of development, measurement, and treatment methods.
Prerequisite: PSYC-103C, PSYC-320

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

PSYC-336 Managing Crisis 3 Credits
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.

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-320, PSYC-332

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

PSYC-344 Family Violence 3 Credits
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: SOC-100C or PSYC-103C

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-320

PSYC-346 Human Sexuality 3 Credits
Human Sexuality provides an overview of human sexual anatomy, physiology, gender identity, sex role development and expression, modes of sexual expression, sexual deviation, the meaning of sexuality within relationships, and ethical considerations.
Prerequisite: SOC-100C, PSYC-103C, NSCI-210C, NSCI-201CL

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. Lab fee.

PSYC-352 Culture and Psychology 3 Credits
Culture and Psychology will cover the nature of culture and its applications to understanding human functioning. Students will examine cultural influences on thought, emotion, behavior, and relationships through exploring their own and other domestic and international cultures.

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.

PSYC-373 Psychology of the Family 3 Credits
Psychology of the Family 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.
Prerequisite: PSYC-103C

PSYC-374 Introduction to Industrial and 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.

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 orSOCS-2065C

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.

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.

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

PSYC-434 Group Dynamics 3 Credits
Group Dynamics explores the various stages of groups, including pre-group 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

PSYC-440 History & Systems/Psychology 3 Credits
A survey of the origin, development and decline of each major school of psychology from the ancient period to modern times, giving attention to the social and intellectual milieu from which the new approaches to the scientific study of humans emerged.

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.

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

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.

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-320, PSYC-332

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-320, PSYC-332

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.

PSYC-470 Special Topic: 1-3 Credits
An upper division study of a special topic in psychology. May be repeated for credit.
Prerequisite: PSYC-103C

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. Offered in the Fall semester.
Prerequisite: PSYC-381

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. Offered in the Spring semester.

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.

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.

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. Lab fee.
Prerequisite: PSYC-103C

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.

PSYC-490 Seminar 1-3 Credits
Seminar investigates topics of particular relevance to upper division psychology students. Professional development and career issues such as vita preparation and interview protocol are addressed. May be repeated for credit.

Psychology B.A.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		49
Total Units		101-103

Psychology Major Core Requirements

Code	Title	Units
Survey of the Field		
PSYC-103C	Introduction to Psychology [1]	3
PSYC-221	Developmental Psychology	3
PSYC-332	Abnormal Psychology	3
PSYC-345	Theories of Personality	3
Research Component		
PSYC-220C	Researched Writing/Psyc Majors [1]	3
or ENGL-220C	Researched Writing	
PSYC-265C	Intro to Statistical Methods [1]	3
PSYC-381	Research Methods in Psychology	4
Psychological Perspectives		
Cognitive:		
PSYC-449	Cognitive Psychology	3
Behavioral:		
PSYC-351	Principles of Behavior	4
or PSYC-420	Behavior Modification	
Biological:		
PSYC-340	Biological Psychology	3
Sociocultural:		
PSYC-324	Social Psychology	3
Spiritual:		
PSYC-477C	Psychology and Christianity	3
Application (3 or more units)		
Select three or more units from the following:		3
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 System	
PSYC-321	Adolescent Psychology	
PSYC-324	Social Psychology	
PSYC-331	Diversity in the Helping Professions [2]	
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-352	Culture and Psychology	
PSYC-355	Survey of Human Services	
PSYC-374	Introduction to Industrial and Organizational Psychology	
PSYC-373	Psychology of the Family	
PSYC-382	Mental Illness in Society	
PSYC-383	Addiction Studies	
PSYC-420	Behavior Modification	

PSYC-434	Group Dynamics	
PSYC-443	Sport Psychology	
PSYC-450	Psychology Teaching Internship	
PSYC-460	Field Practicum	
PSYC-462	Counseling Theories [2]	
PSYC-463	Counseling Methods [2]	
PSYC-470	Special Topic:	
PSYC-474	Psychological Research I	
PSYC-475	Psychological Research II	
SOC-310	Introduction to Social Work	
Total Units		50

[1] Course fulfills Core requirements

[2] Students considering graduate work in counseling psychology or clinical psychology are strongly encouraged to take the indicated courses.

An exit survey and Major Field Test are required of all graduating seniors. The Major Field Test is an objective, end-of-program test designed to assess the mastery of concepts, principles, and knowledge expected of students at the conclusion of the psychology major.

Four Year Plan

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
PSYC-103C	Introduction to Psychology	3
HSPS-PLCR	Hsps Core Requirement	3
THEO-PLHD	Theology Core Requirement	3
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
NT-101C	New Testament Survey	3
PSYC-220C	Researched Writing/Psyc Majors	3
PSYC-265C	Intro to Statistical Methods	3
PSYC-320	Developmental Psychology	3
SOC-PLHD	Social Science Requirement	3
	Units	15
Year 2 Term 1		
OT-201C	Old Testament Survey	3
PSYC-332	Abnormal Psychology	3
PSYC-381	Research Methods in Psychology	4
HIST-PLHD	History Core Requirement	3
PSYC-2XX	Psychology Elective - 200 Level	1-9
	Units	14-22
Year 2 Term 2		
PSYC-324	Social Psychology	3
PSYC-345	Theories of Personality	3
FINA-PLHD	Fine Arts Requirement	3
ELCT-PLHD3	Elective 3 Units	3
NSCI-PLHD	Lab Science Requirement	4
	Units	16
Year 3 Term 1		
PSYC-340	Biological Psychology	3
ENGL-230C	Literature and the Human Experience	3
ELCT-PLHD3	Elective 3 Units	3
PSYC-PLBEH	Behvior Mod Or Princ of Behav	3
PSYC-3XX	Psychology Elective - 300 Level	1
	Units	13
Year 3 Term 2		
PSYC-449	Cognitive Psychology	3
THEO-300C	Developoing a Christian World View	3
ELCT-PLHD6	Electives 6 Units	6
COMM-201C	Speech Comp/Presentation	3
	Units	15
Year 4 Term 1		
PSYC-482	Research in Neuroscience	4
ELCT-PLHD10	Elective 10 Units	10
PSYC-PLPRRE	Psyc Practicum Or Research	3-4
CHIS-400C	Christian Heritage	3
	Units	20-21
Year 4 Term 2		
PSYC-477C	Psychology and Christianity	3
ELCT-PLHD10	Elective 10 Units	10
PSYC-4XX	Psychology Elective - 400 Level	1-9
	Units	14-22
	Total Units	122-139

Psychology Minor

Requirements

Code	Title	Units
PSYC-103C	Introduction to Psychology	3
PSYC-320	Developmental Psychology	3
PSYC-332	Abnormal Psychology	3
PSYC-265C	Intro to Statistical Methods	3
Electives in Psychology		9
Total Units		21

Twelve of the 21 units must be taken at Vanguard University.

Department of Religion

Mission: The Department of Religion is a learning community committed to the church and to the academy, dedicated to the study of Scripture, theology, mission, leadership, and spirituality for the purpose of transforming individuals, relationships and communities.

The Department of Religion houses both the Biblical Studies and Leadership Studies disciplines as part of the College, and serves both undergraduate and graduate programs within Professional Studies. The

curriculum for the religion major is administered through concentrations in Biblical Studies, Christian Formation and Discipleship, Intercultural Studies, Pastoral Leadership Studies, and Youth Leadership Studies. In addition, an option in General Christian Studies allows students to choose any religion electives for the major without having to select a particular concentration.

All Religion majors are expected to make satisfactory academic progress toward graduation. In addition to the requirements established by the university, the Department of Religion 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 Religion 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 Practica

The Department of Religion 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 religion 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 on-scene administrator and religion 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 Religion office.

Programs

- Religion B.A. (p. 153)
- Religion Minor (p. 158)

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

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.

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.

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.

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

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.

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

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.

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.

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.

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

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.

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.

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.

BLAN-406 Advanced Hebrew I 2 Credits
Syntactical and exegetical analysis of selected portions from the Hebrew Old Testament. Offered on demand.

BLAN-407 Advanced Hebrew II 2 Credits
Syntactical and exegetical analysis of selected portions from the Hebrew Old Testament. Offered on demand.

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.

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.

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.

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-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.

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

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

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.

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.

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.

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.

ICST-470 Special Topic: 1-3 Credits
Study of a special topic in intercultural and urban studies. May be repeated for credit.

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.

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)

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.

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.

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.

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

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.

NT-315 Gospel of Mark 3 Credits
A study of the background, theology, community and literary significance of the Markan traditions of Jesus.

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.

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.

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.

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 Luke-Acts and providing him or her with an outline of primitive church history.
Prerequisite: NT-101C

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.

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

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

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.

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.

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.

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.

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.

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.

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).

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.

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

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.

OT-310 Psalms 3 Credits
A study of selected Psalms, especially noting the structure, language, meaning, authorship, and historic setting of each.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

OT-406 Advanced Hebrew I 2 Credits
Syntactical and exegetical analysis of selected portions from the Hebrew Old Testament. Offered on demand.

OT-407 Advanced Hebrew II 2 Credits
Syntactical and exegetical analysis of selected portions from the Hebrew Old Testament. Offered on demand.

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.

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

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

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.

PLST-312 Intro/Pastoral Care 2 Credits
Permission of the instructor for non-majors. 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.

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

PLST-347 Ministry and Media 3 Credits

PLST-372 Res/Meth/Study/Ethics/Chrs Ldr 3 Credits

PLST-406C Music and Worship 3 Credits

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

PLST-423 Sociology of Religion 1-3 Credits

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.

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.

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.

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

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.

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.

PLST-450 Ministerial Internship 3-12 Credits
The internship program is a full-time, one-semester course of intensive in-service 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.

PLST-455 Current Issues/Youth Ministry 3 Credits

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 on-scene administrator and the religion faculty member. May be repeated for credit. Note: Application forms are available in the Department of Religion office.

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.

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.

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.

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.

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.

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)

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.

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)

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.

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.

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 Developoing 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 non-western Christian perspectives.

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.

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

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

Religion B.A.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		38
Concentration		29-36
Biblical Studies (p. 153)		
Christian Formation and Discipleship Studies (p. 153)		
Intercultural Studies (p. 153)		
Pastoral Leadership Studies (p. 153)		
Youth Leadership Studies (p. 154)		
General Christian Studies (p. 154)		
Total Units		119-128

Religion Major

Code	Title	Units
Religion Major Core Requirements		
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, Soteriology	3
THEO-320	Systematic Theology II: Pneumatology Ecclesiology, Eschatology	3
THEO-499C	Theo/Min/Post-Chrstn Context	3
Total Units		38

Note: The configuration of these core requirements is built upon the core curriculum courses in Religion (see Core Curriculum section of this catalog)

Biblical Studies Concentration Requirements

Code	Title	Units
Select one of the following sets:		8
BLAN-201 & BLAN-202	Beginning Greek I and Beginning Greek II	
BLAN-204 & BLAN-205	Beginning Hebrew I and Beginning Hebrew II	
Upper Division OT/NT/BINT Electives		6
CHIS Elective		3
Upper Division NT Elective		3
Upper Division OT Elective		3
Upper Division PHIL/THEO Elective		6
Total Units		29

Christian Formation and Discipleship Studies Concentration Requirements

Code	Title	Units
CFST-101	Intro/Chrstn Formtn/Discplshp	2
ICST-102	Intro/Intercultural 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	2
PLST-430	Management/Christian Organztns	3
PLST-461	Integrative Field Studies	3
Upper Division OT/NT/BINT Elective		3
CHIS Elective		3
Upper Division NT Elective		3
Upper Division OT Elective		3
Upper Division PHIL/THEO Electives		6
Total Units		35

Intercultural Studies Concentration Requirements

Code	Title	Units
ICST-102	Intro/Intercultural Studies	3
ICST-345	Intercultural Comm in Ministry	3
ICST-460	Intercultural Field Studies	3
ICST-485	Current Issues/Mission Studies	3
ICST Elective Practicum: GEO Student Assistant		3
ICST-370	Language Intensive	3
CHIS Elective		3
Upper Division NT Elective		3
Upper Division OT Elective		3
Upper Division PHIL/THEO Electives		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. Religion majors with a concentration in Intercultural Studies can also minor in Cultural Anthropology. See the appropriate catalog section under the Department of Sociology.

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 OT/NT/BINT Elective		3

CHIS Elective	3
Upper Division NT Elective	3
Upper Division OT Elective	3
Upper Division PHIL/THEO Electives	6
Total Units	33

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 BINT/NT/OT Elective		3
CHIS Elective		3
Upper Division NT Elective		3
Upper Division OT Elective		3
Upper Division PHIL/THEO Electives		6
Total Units		35

General Christian Studies Concentration Requirements

Code	Title	Units
Religion Electives		14
Upper Division OT/NT/BINT Elective		3
CHIS Elective		3
Upper Division NT Elective		3
Upper Division OT Elective		3
Upper Division PHIL/THEO Electives		6
Total Units		32

Four Year Plans Concentrations:

Code	Title	Units
General Christian Studies (p. 154)		
Biblical Studies (p. 155)		
Christian Formation & Discipleship Studies (p. 153)		
Intercultural Studies (p. 156)		
Pastoral Studies (p. 157)		
Youth Leadership Studies (p. 157)		

General Christian Studies Concentration

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
BLAN-101	Introduction to Biblical Lang.	3
THEO-103C	Intro to Theology	3
SOC-PLHD	Social Science Requirement	3
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
NT-101C	New Testament Survey	3
SOC-PLHD	Social Science Requirement	3
HSPS-PLCR	Hsps Core Requirement	3
MATH-PHCR	Math Core Req Data Or Stats	3
COMM-201C	Speech Comp/Presentation	3
	Units	15
Year 2 Term 1		
ENGL-220C	Researched Writing	3
ICST-272	Theology/Church Mission	2
OT-201C	Old Testament Survey	3
ICST-288	Theology in an Intercultural Context	3
HIST-PLHD	History Core Requirement	3
BINT-PLHD3	Religion Elective	3
	Units	17
Year 2 Term 2		
BINT-270	Resrch Meth/Study of Scripture	3
PHIL-201	Introduction to Philosophy	3
ENGL-230C	Literature and the Human Experience	3
FINA-PLHD	Fine Arts Requirement	3
NSCI-PLHD	Lab Science Requirement	4
	Units	16
Year 3 Term 1		
PLST-310	Intro/Christian Leadership	2
PLST-314	Intro/Preaching & Teaching	2
PLST-420	Disciplines/Spiritual Life	3
THEO-318	Systematic Theology I Anthropology, Christology, Soteriology	3
THEO-PLUD	THEO or PHIL U/D Elective	3
BINT-PLHD3	Religion Elective	3
	Units	16
Year 3 Term 2		
PLST-312	Intro/Pastoral Care	2
THEO-300C	Developoing a Christian World View	3
THEO-320	Systematic Theology II: Pneumatology Ecclesiology, Eschatology	3
BINT-PLUD3	BINT NT or OT U/D Elective	3
OT-PLUD	OT U/D Elective	3
BINT-PLHD3	Religion Elective	3
	Units	17
Year 4 Term 1		
OT-472	Selected Themes/OT Theology	3
NT-PLUD	NT Upper Division Elective	3
CHIS-PLUD	CHIS U/D elective	3
BINT-PLHD3	Religion Elective	3

CHIS-400C	Christian Heritage	3
	Units	15
Year 4 Term 2		
NT-462	Selected Themes/NT Theology	3
THEO-499C	Theo/Min/Post-Chrstn Context	3
ELCT-PLHD3	Elective 3 Units	3
THEO-PLUD	THEO or PHIL U/D Elective	3
BINT-PLHD3	Religion Elective	3
	Units	15
	Total Units	126

Biblical Studies Concentration

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
NT-101C	New Testament Survey	3
BLAN-101	Introduction to Biblical Lang.	3
SOC-PLHD	Social Science Requirement	3
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
THEO-103C	Intro to Theology	3
SOC-PLHD	Social Science Requirement	3
HSPS-PLCR	Hsps Core Requirement	3
MATH-PHCR	Math Core Req Data Or Stats	3
COMM-201C	Speech Comp/Presentation	3
	Units	15
Year 2 Term 1		
ENGL-220C	Researched Writing	3
ICST-272	Theology/Church Mission	2
OT-201C	Old Testament Survey	3
ICST-288	Theology in an Intercultural Context	3
HIST-PLHD	History Core Requirement	3
BLAN-PLHD1	Biblical Language Req 1	4
	Units	18
Year 2 Term 2		
BINT-270	Resrch Meth/Study of Scripture	3
PHIL-201	Introduction to Philosophy	3
FINA-PLHD	Fine Arts Requirement	3
NSCI-PLHD	Lab Science Requirement	4
BLAN-PLHD2	Biblical Language Req 2	4
	Units	17
Year 3 Term 1		
PLST-310	Intro/Christian Leadership	2
PLST-420	Disciplines/Spiritual Life	3
THEO-318	Systematic Theology I Anthropology, Christology, Soteriology	3
ENGL-230C	Literature and the Human Experience	3
BINT-PLUD3	BINT NT or OT U/D Elective	3
THEO-PLUD	THEO or PHIL U/D Elective	3
	Units	17
Year 3 Term 2		
PLST-312	Intro/Pastoral Care	2
PLST-314	Intro/Preaching & Teaching	2
THEO-300C	Developoing a Christian World View	3
THEO-320	Systematic Theology II: Pneumatology Ecclesiology, Eschatology	3
BINT-PLUD6	BINT NT or OT U/D Elective	6
OT-PLUD	OT U/D Elective	3
	Units	19
Year 4 Term 1		
OT-472	Selected Themes/OT Theology	3
ELCT-PLHD3	Elective 3 Units	3
NT-PLUD	NT Upper Division Elective	3
CHIS-PLUD	CHIS U/D elective	3
CHIS-400C	Christian Heritage	3
	Units	15
Year 4 Term 2		
NT-462	Selected Themes/NT Theology	3
THEO-499C	Theo/Min/Post-Chrstn Context	3
ELCT-PLHD6	Electives 6 Units	6
THEO-PLUD	THEO or PHIL U/D Elective	3
	Units	15
	Total Units	131

Christian Formation & Discipleship Studies Concentration

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
NT-101C	New Testament Survey	3
BLAN-101	Introduction to Biblical Lang.	3
SOC-PLHD	Social Science Requirement	3
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
ICST-102	Intro/Intercultural Studies	3
THEO-103C	Intro to Theology	3
SOC-PLHD	Social Science Requirement	3
HSPS-PLCR	Hsps Core Requirement	3
MATH-PHCR	Math Core Req Data Or Stats	3
	Units	15
Year 2 Term 1		
ENGL-220C	Researched Writing	3

ICST-272	Theology/Church Mission	2
OT-201C	Old Testament Survey	3
ICST-288	Theology in an Intercultural Context	3
HIST-PLHD	History Core Requirement	3
COMM-201C	Speech Comp/Presentation	3
	Units	17
Year 2 Term 2		
BINT-270	Resrch Meth/Study of Scripture	3
PHIL-201	Introduction to Philosophy	3
FINA-PLHD	Fine Arts Requirement	3
NSCI-PLHD	Lab Science Requirement	4
CFST-101	Intro/Chrstn Formtn/Discplshp	2
	Units	15
Year 3 Term 1		
PLST-310	Intro/Christian Leadership	2
PLST-420	Disciplines/Spiritual Life	3
YLST-324	Intro/Youth Ministry	2
THEO-318	Systematic Theology I Anthropology, Christology, Soteriology	3
ENGL-230C	Literature and the Human Experience	3
THEO-PLUD	THEO or PHIL U/D Elective	3
	Units	16
Year 3 Term 2		
PLST-312	Intro/Pastoral Care	2
THEO-300C	Developoing a Christian World View	3
THEO-320	Systematic Theology II: Pneumatology Ecclesiology, Eschatology	3
BINT-PLUD3	BINT NT or OT U/D Elective	3
OT-PLUD	OT U/D Elective	3
CFST-PLUD	CFST U/D elective	3
	Units	17
Year 4 Term 1		
OT-472	Selected Themes/OT Theology	3
ELCT-PLHD3	Elective 3 Units	3
NT-PLUD	NT Upper Division Elective	3
CHIS-PLUD	CHIS U/D elective	3
CHIS-400C	Christian Heritage	3
	Units	15
Year 4 Term 2		
NT-462	Selected Themes/NT Theology	3
PLST-430	Management/Christian Organztns	3
PLST-461	Integrative Field Studies	3
THEO-499C	Theo/Min/Post-Chrstn Context	3
THEO-PLUD	THEO or PHIL U/D Elective	3
	Units	15
	Total Units	125

Intercultural Studies Concentration

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
ICST-102	Intro/Intercultural Studies	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
THEO-103C	Intro to Theology	3
SOC-PLHD	Social Science Requirement	3
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
NT-101C	New Testament Survey	3
BLAN-101	Introduction to Biblical Lang.	3
SOC-PLHD	Social Science Requirement	3
HSPS-PLCR	Hsps Core Requirement	3
MATH-PHCR	Math Core Req Data Or Stats	3
	Units	15
Year 2 Term 1		
ENGL-220C	Researched Writing	3
BINT-270	Resrch Meth/Study of Scripture	3
ICST-272	Theology/Church Mission	2
ICST-288	Theology in an Intercultural Context	3
FINA-PLHD	Fine Arts Requirement	3
COMM-201C	Speech Comp/Presentation	3
	Units	17
Year 2 Term 2		
OT-201C	Old Testament Survey	3
PHIL-201	Introduction to Philosophy	3
ENGL-230C	Literature and the Human Experience	3
NSCI-PLHD	Lab Science Requirement	4
HIST-PLHD	History Core Requirement	3
	Units	16
Year 3 Term 1		
PLST-310	Intro/Christian Leadership	2
PLST-314	Intro/Preaching & Teaching	2
PLST-420	Disciplines/Spiritual Life	3
THEO-318	Systematic Theology I Anthropology, Christology, Soteriology	3
ICST-370	Language Intensive	3
NT-PLUD	NT Upper Division Elective	3
	Units	16
Year 3 Term 2		
ICST-345	Intercultural Comm in Ministry	3
PLST-312	Intro/Pastoral Care	2
THEO-300C	Developoing a Christian World View	3
THEO-320	Systematic Theology II: Pneumatology Ecclesiology, Eschatology	3
ICST-450	Intercultural Internship	3-12

OT-PLUD	OT U/D Elective	3
	Units	17-26
Year 4 Term 1		
ICST-470	Special Topic:	1-3
OT-472	Selected Themes/OT Theology	3
THEO-PLUD	THEO or PHIL U/D Elective	3
CHIS-PLUD	CHIS U/D elective	3
CHIS-400C	Christian Heritage	3
	Units	13-15
Year 4 Term 2		
ICST-485	Current Issues/Mission Studies	3
NT-462	Selected Themes/NT Theology	3
THEO-499C	Theo/Min/Post-Chrstn Context	3
ICST-460	Intercultural Field Studies	3
THEO-PLUD	THEO or PHIL U/D Elective	3
	Units	15
	Total Units	124-135

Pastoral Leadership Studies Concentration

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
ICST-102	Intro/Intercultural Studies	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
THEO-103C	Intro to Theology	3
SOC-PLHD	Social Science Requirement	3
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
NT-101C	New Testament Survey	3
BLAN-101	Introduction to Biblical Lang.	3
SOC-PLHD	Social Science Requirement	3
HSPS-PLCR	Hsps Core Requirement	3
MATH-PHCR	Math Core Req Data Or Stats	3
	Units	15
Year 2 Term 1		
ENGL-220C	Researched Writing	3
BINT-270	Resrch Meth/Study of Scripture	3
ICST-272	Theology/Church Mission	2
ICST-288	Theology in an Intercultural Context	3
HIST-PLHD	History Core Requirement	3
COMM-201C	Speech Comp/Presentation	3
	Units	17
Year 2 Term 2		
OT-201C	Old Testament Survey	3
PHIL-201	Introduction to Philosophy	3
ENGL-230C	Literature and the Human Experience	3
FINA-PLHD	Fine Arts Requirement	3
NSCI-PLHD	Lab Science Requirement	4
	Units	16
Year 3 Term 1		
PLST-310	Intro/Christian Leadership	2
PLST-314	Intro/Preaching & Teaching	2
PLST-420	Disciplines/Spiritual Life	3
THEO-318	Systematic Theology I Anthropology, Christology, Soteriology	3
ELCT-PLHD3	Elective 3 Units	3
THEO-PLUD	THEO or PHIL U/D Elective	3
	Units	16
Year 3 Term 2		
PLST-312	Intro/Pastoral Care	2
THEO-300C	Developoing a Christian World View	3
THEO-320	Systematic Theology II: Pneumatology Ecclesiology, Eschatology	3
BINT-PLUD3	BINT NT or OT U/D Elective	3
OT-PLUD	OT U/D Elective	3
	Units	14
Year 4 Term 1		
OT-472	Selected Themes/OT Theology	3
PLST-440	Pastoral Care/Counseling	3
NT-PLUD	NT Upper Division Elective	3
CHIS-PLUD	CHIS U/D elective	3
CHIS-400C	Christian Heritage	3
	Units	15
Year 4 Term 2		
NT-462	Selected Themes/NT Theology	3
PLST-430	Management/Christian Organztns	3
PLST-461	Integrative Field Studies	3
THEO-499C	Theo/Min/Post-Chrstn Context	3
THEO-PLUD	THEO or PHIL U/D Elective	3
	Units	15
	Total Units	123

Youth Leadership Studies Concentration

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
ICST-102	Intro/Intercultural Studies	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
THEO-103C	Intro to Theology	3
SOC-PLHD	Social Science Requirement	3
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
NT-101C	New Testament Survey	3
BLAN-101	Introduction to Biblical Lang.	3
SOC-PLHD	Social Science Requirement	3

HSPS-PLCR	Hsps Core Requirement	3
MATH-PHCR	Math Core Req Data Or Stats	3
	Units	15
Year 2 Term 1		
ENGL-220C	Researched Writing	3
BINT-270	Resrch Meth/Study of Scripture	3
ICST-272	Theology/Church Mission	2
ICST-288	Theology in an Intercultural Context	3
HIST-PLHD	History Core Requirement	3
COMM-201C	Speech Comp/Presentation	3
	Units	17
Year 2 Term 2		
OT-201C	Old Testament Survey	3
PHIL-201	Introduction to Philosophy	3
ENGL-230C	Literature and the Human Experience	3
FINA-PLHD	Fine Arts Requirement	3
NSCI-PLHD	Lab Science Requirement	4
	Units	16
Year 3 Term 1		
PLST-310	Intro/Christian Leadership	2
PLST-314	Intro/Preaching & Teaching	2
PLST-420	Disciplines/Spiritual Life	3
PSYC-320	Developmental Psychology	3
YLST-324	Intro/Youth Ministry	2
THEO-318	Systematic Theology I Anthropology, Christology, Soteriology	3
THEO-PLUD	THEO or PHIL U/D Elective	3
	Units	18
Year 3 Term 2		
PLST-312	Intro/Pastoral Care	2
PLST-425	Narrative/Expository Preaching	3
THEO-300C	Developoing a Christian World View	3
THEO-320	Systematic Theology II: Pneumatology Ecclesiology, Eschatology	3
BINT-PLUD3	BINT NT or OT U/D Elective	3
OT-PLUD	OT U/D Elective	3
	Units	17
Year 4 Term 1		
OT-472	Selected Themes/OT Theology	3
PLST-440	Pastoral Care/Counseling	3
NT-PLUD	NT Upper Division Elective	3
CHIS-PLUD	CHIS U/D elective	3
CHIS-400C	Christian Heritage	3
	Units	15
Year 4 Term 2		
NT-462	Selected Themes/NT Theology	3
PLST-430	Management/Christian Organztns	3
PLST-461	Integrative Field Studies	3
THEO-499C	Theo/Min/Post-Chrstn Context	3
THEO-PLUD	THEO or PHIL U/D Elective	3
	Units	15
	Total Units	128

Religion Minor

Requirements

Students in other majors can earn a minor in Religion (no emphasis) by completing a minimum of 20 units of course work that is housed within the Department of Religion.

Religion courses taken as part of the university core curriculum requirement may be applied to meet minor requirements. Transfer units from other institutions are not accepted toward the Religion minor.

Department of Anthropology and Sociology

Mission: The mission of the Department of Sociology is to equip the next generation of scholar-practitioners to be professionally competent social scientists who are devoted to the public good.

We are a community of learners dedicated to comprehending the cultural and social dimensions of human existence. The program is based on a collaborative learning model wherein faculty and students work together to systematically study human cultural diversity and to analyze the complex relationship that exists between human beings and the social processes and the institutions they create. We offer students rigorous preparation in social science theory and method and provide regular opportunities for field research with the aim of developing their capacity to apply social science to problem-solving in diverse professional contexts. Our faculty work closely with their students to help them discover their vocation and strengthen their engagement with and in Jesus' kingdom. Finally, we strive to cultivate in our students a moral vision of professional life so that 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, Cultural Anthropology, Social Work, Sociology, and Women & Justice.

Majors must achieve a minimum grade of 'C' in all upper division sociology courses required for the major.

Student Learning Outcomes

- Identify how sociological concepts and theories relate to everyday life
- Understand and evaluate theoretical explanations of human behavior and social phenomenon
- Utilize diverse quantitative and qualitative research methods
- Communicate sociological knowledge to diverse audiences
- Appreciate the role of research in solving human problems and strengthening human well-being.
- Learn how to live and work as a Christ-following sociologist.

Programs

- Anti-Human Trafficking Certificate (p. 164)
- Criminology & Criminal Justice Minor (p. 164)
- Cultural Anthropology (General) Minor (p. 164)
- Social Work Minor (p. 164)
- Sociology B.A. (p. 165)
- Sociology Minor (p. 166)
- Women & Justice Minor (p. 166)

Courses

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 mid-nineteenth century, when European aggression forced China on a path to modernization, to the present.

ANTH-320 Social & Cultural Change 3 Credits
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; SOC-100C recommended

ANTH-334 Gender/Culture/Society 3 Credits
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.

ANTH-339 Area Studies in Anthropology 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.

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 or SOC-100C

ANTH-346 Human Sexuality 3 Credits
Human Sexuality provides an overview of human sexual anatomy, physiology, gender identity, sex role development and expression, modes of sexual expression, sexual deviation, the meaning of sexuality within relationships, and ethical considerations.
Prerequisite: SOC-100C or PSYC-103C (preferably both); Junior or Seniorstanding

ANTH-358 World Religions 3 Credits
A comparison of the major non-Christian religions, with emphasis on their cultural origins, elements, forms, and symbols, and the role of religion as an institution in such societies.

ANTH-371 Urban Studies System 3 Credits
A study of urban life with emphasis on its organization, unique functions, and problems.

ANTH-375 Soc Issues of Health/Wellness 3 Credits

ANTH-442 Globalization & Development 3 Credits
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.

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.

ANTH-453 Language,Culture/Linguistics 3 Credits
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.

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.

ANTH-480 Individual Studies: 1-3 Credits
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. (meets Social Science requirement)

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.

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. (meets Social Science requirement)

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.

SOC-258 Soc of Sport & Human Movement 3 Credits
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.

SOC-265C Introduction 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 majoring in Accounting, Anthropology, Psychology, or Sociology must take MATH/PSYC/SOC 265C to fulfill the core curriculum requirement in mathematics. Students majoring in Mathematics are exempt from taking the core curriculum requirement in mathematics.

SOC-291 Special Topic in Sociology 1 Credit
Study of a special topic in Sociology. May be repeated for credit.

SOC-292 Special Topic in Sociology 2 Credits
Study of a special topic in Sociology. May be repeated for credit.

SOC-293 Special Topic in Sociology 3 Credits
Study of a special topic in Sociology. May be repeated for credit.

SOC-305 Criminology and the 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.

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.

SOC-312 Death, Grief, and Loss System 3 Credits
This course provides a comprehensive introduction to the study of death and dying. This course will discuss the intellectual, emotional, social, pyschological, experential, and spiritual aspects of death and loss as part of one's personal discovery.

SOC-320 Social & Cultural Change 3 Credits
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; SOC-100C recommended.

SOC-324 Social Psychology 3 Credits
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

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: SOC-100C or PSYC-103C

SOC-334 Gender/Culture/Society 3 Credits
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.

SOC-336 Managing Crisis 3 Credits
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.

SOC-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 or SOC-100C

SOC-345 Family Violence 3 Credits
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: SOC-100C or PSYC-103C

SOC-346 Human Sexuality 3 Credits
Human Sexuality provides an overview of human sexual anatomy, physiology, gender identity, sex role development and expression, modes of sexual expression, sexual deviation, the meaning of sexuality within relationships, and ethical considerations.
Prerequisite: SOC-100C and PSYC-103C (preferrably both)

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.

SOC-352 Urban Sociology 3 Credits
A study of urban life with emphasis on its organization, unique functions, and problems.

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.

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.

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

SOC-367 Sociology of Corrections 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.

SOC-369 Research Design & Methods 3 Credits
Examines the major qualitative and quantitative research methods used in applied Anthropology and 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.

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.

SOC-371 Urban Studies System 3 Credits
A study of urban life with emphasis on its organization, unique functions, and problems.

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.

SOC-374 Dynamics of Organizations 3 Credits
An exploration of the dynamics of organizations including theoretical perspectives of formal and complex organizations. Students survey and investigate the internal processes, relationships and interactions that are embedded into the explicit structural forms of organizations and the tacit deep structure of meanings that people use to negotiate their lives through these systems. This sense-making process is further expressed in linkages to the external environment and strategic recommendations that connects to the organizational culture.

SOC-375 Soc Issues of Health/Wellness 3 Credits
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.

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.

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.

SOC-378 Prisons and Jails 3 Credits
PREREQUISITE: ANTH-102C, PSYC103-C, or SOC-100C. Provides an overview of modern adult corrections, specifically probation, parole, incarceration, community-based corrections, and prevention programs. Includes survey of history, applicaiton and theory of punishment philosophies and practices. Studies contemporary correctional policies, practices, and issues.

SOC-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.

SOC-422 Social Entrepreneurship 3 Credits
This course invites students to learn how innovative organizations tackle some of our world's most difficult problems by applying the principles of social entrepreneurship. Students identify and discover their own personal values and calling to better understand where to best have impact. The course is designed to provide students with a broad perspective of how different types of organizations attempt to change the world for good. It also challenges students to think critically about how faith plays a critical role in bringing about lasting change.

SOC-442 Globalization & Development 3 Credits
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.

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.

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

SOC-460 Field Practicum 1-4 Credits

SOC-460A Field Practicum 3-4 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 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. Thirty hours of field experience will be required for each credit hour. Students must take SOC 460A or SOC 462A as a major upper division requirement. May be repeated as SOC 460B for 1-4 units in a subsequent semester.
Prerequisite: SOC-369 and SOC-369L

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

SOC-462A Research Practicum 3-4 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 and collection of data. Students will be introduced to SPSS (a data analysis program for Social Sciences) and will have the opportunity to present their findings in a number of settings. Thirty hours of research experience will be required for each credit hour. Must take SOC 460A or SOC 462A as a major upper division requirement. May be repeated as SOC 462B for 1-4 units in a subsequent semester
Prerequisite: Prerequisites: SOC-365 and SOC-369

SOC-465 Transforming Communities Sem 3 Credits
An exploration of the role of local churches in developing sustainable solutions to poverty. The course reviews the history of faith-based efforts to strengthen human well-being in Latin America and El Salvador. Students will also identify and evaluate the characteristics of successful partnerships between churches and other local private and public institutions, and NGOs. A significant component of the class will consist of spending time with local churches that are engaged in poverty alleviation work.

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: SOC-100C

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.

Women and Justice Studies

WJST-110 Intro/Women's Studies: Gender/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.

WJST-212 Ensure Justice Conference in Women's 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 courses 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 in-depth knowledge and experience in the field from law enforcement and victim services. Counts as elective toward Women & Justice Minor.

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.

WJST-430 Commercial Sexual Exploitation of Children 3 Credits
This course is an introduction to the study of Commercial Sexual Exploitation of Children. The course will be organized around Prevention, Early Intervention, and Recovery. Theories of child development, prevention, violence, trauma, stages of change and resiliency will be useful to individuals who plan careers in areas such as elementary and secondary education, social services, child welfare, and juvenile justice. A primary focus of this course will be to identify strategies for early intervention with at risk and vulnerable youth.
Prerequisite: WJST-345 or consent of instructor

WJST-435 Human Trafficking Aftercare 3 Credits
Human Trafficking Aftercare is designed to help students examine the complex causes and holistic effects of human trafficking. 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. It will consider physical, psychological, social and spiritual needs in relation to culture, society, and trauma. This course will help students engage in best practices and tools used by leading practitioners in order to best serve and walk alongside human trafficking survivors as they move from crisis to self-sufficiency to thriving.
Prerequisite: WJST-345 or consent of instructor

WJST-440 Ethics & Human Trafficking 3 Credits
This course will investigate ethical decision-making using the victim-centered, trauma-informed approach to human trafficking as a context. The course will explore how efforts to protect victims, prevent victimization, investigate and prosecute human traffickers and collaborate in multi-disciplinary task forces can be enhanced by recognizing significant ethical dilemmas occurring in the justice and victim services systems and addressing them directly, consistently and pragmatically. Students will learn how to identify ethical dilemmas and be provided with and apply ethical decision-making models in the context of biblical ethics and Christian virtues perspectives. Students will improve their ability to initially meet victims, perpetrators, colleagues and impacted agencies from their unique value systems, motivations and patterns of thinking and behaving.
Prerequisite: WJST-345 or consent of instructor

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.

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. Student must have declared Women & Justince minor with Registrar's Office prior to registration.

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.
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

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

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	Title	Units
Required courses:		
WJST-345	Human Trafficking	3
WJST-440	Ethics & Human Trafficking	3
Chose two of the following courses:		
WJST-430	Commercial Sexual Exploitation of Children	
WJST-435	Human Trafficking Aftercare	
WJST-445	Labor Trafficking	
Total Units		6

Criminology & Criminal Justice Minor

The minor in 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.

Requirements

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 and the Criminal Justice System	3
SOC-373	Deviant Behavior	3
Select five of the following:		15
POLS-370	Constitutional Law	
PSYC-460	Field Practicum [1]	
SOC-345/ PSYC-344	Family Violence	
SOC-362	Juvenile Delinquency & Justice	
SOC-367	Sociology of Corrections	
SOC-460	Field Practicum [1]	
SOC-462	Research Practicum [2]	
SOC-470	Special Topic in Sociology	
SOC-470	Special Topic in Sociology	
WJST-345	Human Trafficking	
WJST-430	Commercial Sexual Exploitation of Children	
Total Units		21

[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.

Cultural Anthropology (General) Minor

Requirements

Code	Title	Units
ANTH-102C	Intro to Cultural Anthropology	3
Electives in Anthropology		18
Total Units		21

NOTE: 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. 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.

Social Work Minor

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.

Requirements

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 course		
SOC/ANTH-343	Class,Race,Ethnicity & Gender	3
Select one of the following:		3
SOC-310	Introduction to Social Work	
PSYC/ SOC-355	Survey of Human Services	
Select one of the following:		3
SOC/ ANTH-334	Gender/Culture/Society	
SOC-376	Immigration and Diversity	
Select one of the following:		3
SOC-230	Social Problems	
SOC-345/ PSYC-344	Family Violence	
POLS-446	Public Policy Issues	
Select one of the following:		3
PSYC-320	Developmental Psychology	
PSYC-373	Psychology of the Family	
PSYC-383	Addiction Studies	

SOC-332	Marriage & the Family	
Select one of the following:		3
SOC/ ANTH-375	Soc Issues of Health/Wellness	
SOC/ PSYC-382	Mental Illness in Society	
Select one of the following:		3
SOC/ PSYC-312	Death, Grief, and Loss System	
SOC/ PSYC-336	Managing Crisis	
WJST-345	Human Trafficking	
Total Units		21

Sociology B.A.

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.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		46
Total Units		98-100

Sociology Major Core Requirements

Code	Title	Units
Lower Division		
SOC-100C	Introduction to Sociology	3
ANTH-102C	Intro to Cultural Anthropology	3
SOC-265C	Introduction to Statistical Methods	3
Upper Division		
Select 19 units of 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 [1]	
SOC-462	Research Practicum [1]	
SOC-490C	Senior Seminar	
Electives		
Select 18 units of the following:		18
SOC-230	Social Problems	
SOC-258	Soc of Sport & Human Movement	
SOC-305	Criminology and the Criminal Justice System	
SOC-310	Introduction to Social Work	
SOC-312	Death, Grief, and Loss System	
SOC-320	Social & Cultural Change	
SOC-324	Social Psychology	
SOC-334	Gender/Culture/Society	
SOC-336	Managing Crisis	
SOC-345	Family Violence	
SOC-346	Human Sexuality	
SOC-349	Religion & Society	
SOC-355	Survey of Human Services	
SOC-362	Juvenile Delinquency & Justice	
SOC-367	Sociology of Corrections	
SOC-371	Urban Studies System	
SOC-373	Deviant Behavior	
SOC-375	Soc Issues of Health/Wellness	
SOC-376	Immigration and Diversity	
SOC-377	Migrants and Refugees	
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		46

[1] 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

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
SOC-100C	Introduction to Sociology	3
HSPS-PLCR	Hsps Core Requirement	3
THEO-PLHD	Theology Core Requirement	3
CORE-100C	Cornerstone	1
	Units	15
Year 1 Term 2		
NT-101C	New Testament Survey	3
ANTH-102C	Intro to Cultural Anthropology	3
FINA-PLHD	Fine Arts Requirement	3
ELCT-PLHD3	Elective 3 Units	3

HIST-PLHD	History Core Requirement	3
	Units	15
Year 2 Term 1		
ENGL-220C	Researched Writing	3
OT-201C	Old Testament Survey	3
SOC-332	Marriage & the Family	3
NSCI-PLHD	Lab Science Requirement	4
SOC-PLHD3	Sociology Elective 3 Units	3
	Units	16
Year 2 Term 2		
SOC-343	Class,Race,Ethnicity & Gender	3
ENGL-230C	Literature and the Human Experience	3
SOC-PLHD6	Sociology Elct 6 Units	6
COMM-201C	Speech Comp/Presentation	3
	Units	15
Year 3 Term 1		
SOC-365	Sociological Theory	3
THEO-300C	Developoing a Christian World View	3
SOC-265C	Introduction to Statistical Methods	3
SOC-PLHD3	Sociology Elective 3 Units	3
ELCT-PLHD5	Electives 5 Units	5
	Units	17
Year 3 Term 2		
SOC-369	Research Design & Methods	3
SOC-369L	Research Design & Methods Lab	1
ELCT-PLHD6	Electives 6 Units	6
SOC-PLHD6	Sociology Elct 6 Units	6
	Units	16
Year 4 Term 1		
SOC-490C	Senior Seminar	3
ELCT-PLHD6	Electives 6 Units	6
SOC-PLPR	Sociology Practicum	3
CHIS-400C	Christian Heritage	3
	Units	15
Year 4 Term 2		
ELCT-PLHD3	Elective 3 Units	3
ELCT-PLHD12	Electives 12 Units	12
	Units	15
	Total Units	124

Sociology Minor

Requirements

Code	Title	Units
SOC-100C	Introduction to Sociology	3
SOC-343	Class,Race,Ethnicity & Gender	3
Electives in Sociology		15
Total Units		21

NOTE: At least half of all units must 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.

Women & Justice Minor

The minor in Women & 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 study of women and women's issues in society from the perspective of various disciplines.

Requirements

The minor requires a total of 21 units: six required units of study and 15 elective units. A minimum of 12 elective units must be distinct and different from the requirements of the student's major to complete the minor.

Code	Title	Units
Required courses:		
WJST-110	Intro/Women's Studies: Gender/Justice	2
WJST-212	Ensure Justice Conference in Women's Studies	1
WJST-410	Research in Women's Studies	3
Electives		
Select two of the following courses:		6
ANTH/ SOC-334	Gender/Culture/Society	
COMM-374	Gender Communication	
HIST-360	Women in American History	
HIST-366	The History of Human Rights	
OT-425	Women in the Books of Samuel	
OT-430	Women in Early Israel	
PLST/ THEO-432	Women in Ministry	
Select two of the following courses:		6
PSYC-335	Social & Psychological Aspects of Aging	
SOC-332	Marriage & the Family	
SOC-345/ PSYC-344	Family Violence	
SOC/ PSYC-336	Managing Crisis	
SOC/ ANTH-343	Class,Race,Ethnicity & Gender	
ANTH/SOC/ PSYC-346	Human Sexuality	
Select one of the following courses:		3
WJST-345	Human Trafficking	
WJST-420	Country Study Abroad: [topical Area]	
WJST-430	Commercial Sexual Exploitation of Children	
WJST-435	Human Trafficking Aftercare	

WJST-440	Ethics & Human Trafficking
WJST-450	Global Center for Women and Justice Internship
Other pertinent courses may be considered on a case-by-case basis.	
Total Units	21

Department of Spanish

Mission: The Spanish Department prepares students educationally and spiritually as they seek to learn the language and understand the Spanish-speaking world, its culture, and literature. The Spanish major provides a liberal arts education which focuses broadly on the Spanish language and its use within a historical and contemporary perspective while addressing and integrating the issues of Christian faith.

Both a Spanish minor and a concentration in Spanish for Liberal Studies majors are offered.

CLEP

CLEP scores are considered general education. CLEP units will therefore be counted as lower division credit.

Programs

- Spanish Minor (p. 168)

Courses

SPAN-291 Special Topic: 1 Credit
Study of special topic focusing on Spanish culture, language, civilization, or literature. May be repeated for credit.

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

SPAN-293 Special Topic: 3 Credits
Study of special topic focusing on Spanish culture, language, civilization, or literature. May be repeated for credit.

SPAN-294 Special Topic: 4 Credits
Study of special topic focusing on Spanish culture, language, civilization, or literature. May be repeated for credit.

SPAN-303 Advanced Spanish I 4 Credits
Emphasizes advanced levels of the four skills (speaking, reading, writing, and listening). May be taken concurrently with other advanced Spanish courses. Includes selected readings/discussions from Spanish and Spanish American literature and culture.

SPAN-304 Advanced Spanish II 4 Credits
Continuation of SPAN 303.

SPAN-315 Teaching Spanish/Mltcltrl Sett 3 Credits
Students seeking to complete the subject matter program in Spanish must take this class as part of that program to ensure that they are integrating Spanish 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 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.

SPAN-330 Literature of Latin America 3 Credits
The study of past and present Latin American authors with emphasis on theme, background, heritage, and culture.

SPAN-335 Spanish Converstn/Composition 3 Credits
Review and practice of fundamentals of Spanish grammar. Practice in writing essays and summaries in Spanish. Further refinement of speaking and listening skills.

SPAN-345 Spanish Tutorial 1 Credit
Fluent Spanish speakers will work with students taking SPAN 101 and SPAN 102 to correct pronunciation and accent. These tutors will work closely with teachers of the classes and will be assigned three to four students each semester to tutor. CR/NC, with permission of Spanish faculty advisor.

SPAN-365 Curso Panoramico de Latinoamer 3 Credits
Portrays a brief historical view of Latin America through themes rather than pure history. Some topics will be explored more for the insights they offer into Hispanic culture, while others will be for the interest they might have for class members. The course is taught in Spanish.

SPAN-366 Civiliz.Y Cultura de Espana 3 Credits
Survey of Spanish culture and civilization as revealed through history, literature, art, and other cultural indicators. It is recommended that this course be taken before or concurrently with SPAN 368: Introducci¢n a la Literatura Espa¤ola. Conducted in Spanish.

SPAN-368 Intro a la Literatura Espanola 3 Credits
A survey of Spanish literature from its beginnings through the twentieth century, including an analysis of a selected major Spanish literary work. It is recommended that this course be taken after or concurrently with SPAN 366 Civilizaci¢n y Cultura de Espa¤a. Conducted in Spanish.

SPAN-375 Spanish/Helping Professions 3 Credits
A basic course for business, health services, education, and social work personnel. Includes useful, everyday phrases as well as words, questions, and sentences related to each profession.

SPAN-380 Cincel Semester Abroad 1 Credit
The CINCEL Program (Centro de Investigaciones Cultural y Estudios Ling&#65533;¡sticos) in San Jos„ Costa Rica, in conjunction with Vanguard University, offers Vanguard students a total immersion experience in Spanish. The program is for one semester (16 weeks, 16 units) during any one of CINCEL's trimesters, or a half semester (8 weeks, 8 units) available during the Summer trimester.

SPAN-382 Spanish Grammar, Cincel 2-5 Credits
A study of the major challenges in Spanish grammar, including the verb system, areas of contrast with English, and lexical/semantic issues.

SPAN-384 Spanish Conversation, Cincel 2-4 Credits
Intensive conversation with supportive written language practice. Emphasis is placed on vocabulary acquisition and idiomatic expressions.

SPAN-386 Spanish Phonetics, Cincel 2-4 Credits
Study of the Spanish sound system, underlying concepts of Spanish speech production and applications to pronunciation.

SPAN-388 Spanish Practicum, Cincel 1-2 Credits
Supervised field work in the Spanish-speaking community.

SPAN-428 Current Issues/Latin America 3 Credits
Examines selected current strategic, political, and theological issues characteristic of Latin American religion and culture. These contemporary issues include areas such as research in Latin America South, a comparison of the Caribbean and Latin America, social movements, and the shifting roles of missionaries. Current issues such as politics, media, gender, and trends will be analyzed.

SPAN-452 Summer Study Tours 1-6 Credits
Occasional Summer trips to Spanish-speaking countries. These are intensive language programs that will include course work along with the travel and tour. Units are computed according to the duration of the tour, one unit per week. A maximum of six units applies toward graduation. These study trips cannot be used toward the fulfillment of the CINCEL language study requirement in Costa Rica.

SPAN-453 Language,Culture/Linguistics 3 Credits
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.

SPAN-458 La Linguistica Espanola 3 Credits
In-depth study of the Spanish sound system, phonology, morphology, dialectology, syntax, semantics, lexicon, and historical and modern contrastive analysis. Conducted in Spanish. Offered every other year. La Ling&#65533;¡stica Espa¤ola is required for the Subject Matter Program in Spanish.

SPAN-460 Spanish Field Practicum 1-4 Credits
Supervised field work of at least three hours per week among Spanish churches, schools, clinics, hospitals, businesses, etc. Students meet weekly with supervisors. A log of personal experience is maintained. CR/NC, for Spanish majors only with permission of Spanish faculty advisor.

SPAN-464 Religion/Culture/Latin America 3 Credits
This course aims to investigate the dynamics of traditional and evangelical forms of religion in Latin America, including the milieu of popular culture and beliefs, the functions of the Catholic church, current movements within Catholicism, evangelical influences, and Pentecostal growth.

SPAN-470 Special Topic: 1-3 Credits
Study of special topic focusing on Spanish culture, language, civilization, or literature. May be repeated for credit.

SPAN-480 Individual Studies: 1-4 Credits
May be repeated for credit.

SPAN-481 Lit of Latin America, Cincel 2 Credits
Study of Latin American literature and authors. Emphasis is placed on literary analysis.

SPAN-483 Composition, Cincel 2 Credits
Study and practice of various writing techniques.

SPAN-485 Translation, Cincel 2 Credits
Study and practice of translation and interpretation. Students experience a variety of situations in order to develop confidence and fluidity in interpretation.

SPAN-490 Seminar: 1-4 Credits
Mutual investigation of one topic of particular relevance to upper division Spanish majors. May be repeated for credit.

SPAN-499C Capstone in Spanish 3 Credits
Students will integrate their faith, learning and experience, through the in-depth study of a selection of complete works of Spanish and Latin American Literature within the framework of a Christian world view, and service to the Spanish-speaking community.

Spanish Minor

Requirements

Twenty-one units in Spanish will comprise the minor. Courses should be chosen in consultation with an advisor in the Spanish Department. It is recommended that Spanish Minors complete eight units at CINCEL or another approved language immersion experience that entails college-level coursework. Spanish Minors are required to take the Spanish Placement Exam and complete at least 6 units of Spanish-language study (or the transfer unit equivalent). Approved Spanish Language transfer units, including AP Spanish units, may be accepted in lieu of the Spanish Placement Exam. Note: A score on the Spanish Placement Exam does not award units.

Department of Theatre Arts

Mission: The Department of Theatre Arts seeks to establish a Christ-centered, professional environment for artistic expression by developing the creative mind, body, and spirit of each student in the disciplines of: performance, directing, design, technical theatre, production, theatre management, script writing, theatre history, and dramatic literature. 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 Theatre Arts degree with the following concentrations: Stage & Screen Acting/Directing, Technical/Design, or Musical Theatre. A Theatre Minor is also offered.

Programs

- Theatre Arts B.A. (p. 173)
- Theatre Minor (p. 178)

Courses

THEA-102 Intro to Acting 3 Credits

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.

THEA-103A Private Dance Lessons I 1 Credit
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.

THEA-103B Private Dance Lessons I 1 Credit
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.

THEA-106 Beginning Set Construction 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. Lab Fee.

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.

THEA-108A Theatrical Production I 1 Credit
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.

THEA-108B Theatrical Production I 1 Credit
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.

THEA-110 Beginning Costume Construction 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. Lab fee.

THEA-116 Beginning Scenic Painting 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. Lab fee.

THEA-126 Voice and Speech 2 Credits
Developing voice production and speech using techniques that allow the freeing of one's natural voice concentrating on breathing, relaxation, articulation, and language through the use of class exercises and monologues. Some dialect study.

THEA-132A Theatrical Performance I 2.0 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.

THEA-132B Theatrical Performance I 2.0 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.

THEA-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 fulfills the KINE 146C Activity Core Curriculum requirement.

THEA-134 Musical Literacy for Theatre 2 Credits
Instructs musical theatre students in the fundamental skills necessary for creating musical theatre competency including, but not limited to: finding their pitch, basic keyboard skills, sight singing, rhythm, and musical theatre song analysis and structure.

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.

THEA-136A Private Acting Lessons I 1 Credit
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.

THEA-136B Private Acting Lessons I 1 Credit
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.

THEA-137A Private Voice for Musical Theatre I 1 Credit
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.

THEA-137B Private Voice for Musical Theatre I 1 Credit
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.

THEA-200 Intro to Theatre 3 Credits
An introduction to the study of theatre with focus on 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 core curriculum requirement in fine arts. (meets Humanities/Fine Arts requirement)

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.

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.

THEA-203A Private Dance Lessons II 1 Credit
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.

THEA-203B Private Dance Lessons II 1 Credit
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.

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.

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.

THEA-208 Playwriting 3 Credits
Introduces the social and philosophical theories that surface within playwriting, closely examining several landmark stage plays, each representing the various attitudes and values of its day. Styles, structural techniques, characterization and post-modernism in playwriting are some of the topics to be examined. Students will work to develop their own writing voice and produce their own original, creative work. Lab fee. (meets Humanities/Fine Arts requirement)

THEA-208A Theatrical Production II 1 Credit
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.

THEA-208B Theatrical Production II 1 Credit
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.

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.

THEA-215 Theatrical Prod-Theory/Pract 3 Credits

THEA-219 Acting/Directing for the Camera I 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.

THEA-220 Musical Theatre Vocal Tech. 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.

THEA-232A Theatrical Performance II 2.0 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.

THEA-232B Theatrical Performance II 2.0 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.

THEA-236A Private Acting Lessons II 1 Credit
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.

THEA-236B Private Acting Lessons II 1 Credit
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.

THEA-237A Private Voice for Musical Theatre II 1 Credit
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.

THEA-237B Private Voice for Musical Theatre II 1 Credit
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.

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.

THEA-244 Beg. Musical Theatre Audition 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. Lab fee.

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.

THEA-291 Special Topic: 1 Credit
Study of a special topic in an area of theatre. Repeatable up to 9 units.

THEA-292 Special Topic: 2 Credits
Study of a special topic in an area of theatre. Repeatable up to 9 units.

THEA-293 Special Topic: 3 Credits
Study of a special topic in an area of theatre. Repeatable up to 9 units.

THEA-303A Private Dance Lessons III 1 Credit
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.

THEA-303B Private Dance Lessons III 1 Credit
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.

THEA-306 Intermediate Set Construction 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. Lab fee.

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-207

THEA-308A Theatrical Production III 1 Credit
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.

THEA-308B Theatrical Production III 1 Credit
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.

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.

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. This course carries a lab fee of $100, which covers the cost of materials for design projects and tickets to see a professional production.

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.

THEA-316 Intermediate Scenic Painting 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. Lab fee.

THEA-317 Interm.Costume Construction 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. Lab fee.

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 ticom material. Emphasis is on two-camera situations.
Prerequisite: THEA-219

THEA-323 Sound Design 2 Credits
The design and integration of live and recorded digital sound into production as indicated by directors' conceptualization approaches.

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.

THEA-332A Theatrical Performance III 2.0 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.

THEA-332B Theatrical Performance III 2.0 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.

THEA-336A Private Acting Lessons III 1 Credit
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.

THEA-336B Private Acting Lessons III 1 Credit
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.

THEA-337A Private Voice for Musical Theatre III 1 Credit
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.

THEA-337B Private Voice for Musical Theatre III 1 Credit
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.

THEA-338C 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. Satisfies the Core Curriculum's Lifetime Fitness and Wellness (Activity) unit.

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.

THEA-341 Directing Fundamentals: 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.

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.

THEA-344 Interm Musical Theatre Auditn 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. Lab fee.

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.

THEA-360 Dramatic Lit: Script Analysis 3 Credits
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.

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.

THEA-403A Private Dance Lessons IV 1 Credit
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.

THEA-403B Private Dance Lessons IV 1 Credit
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.

THEA-408A Theatrical Production IV 1 Credit
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.

THEA-408B Theatrical Production IV 1 Credit
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.

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. Lab Fee.

THEA-430 Directing for Theatre 3 Credits
Introduction to the techniques and fundamentals of stage directing using text, theory, and practicum while applying these approaches to student-directed one-acts. Lab fee.

THEA-432A Theatrical Performance IV 2.0 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.

THEA-432B Theatrical Performance IV 2.0 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.

THEA-433C 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. This course fulfills the KINE-146C Activity Core Curriculum requirement.

THEA-436A Private Acting Lessons IV 1 Credit
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.

THEA-436B Private Acting Lessons IV 1 Credit
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.

THEA-437A Private Voice for Musical Theatre IV 1 Credit
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.

THEA-437B Private Voice for Musical Theatre IV 1 Credit
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.

THEA-441 Adv Directing for the Stage 3 Credits

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.

THEA-444 Adv. Musical Theatre Audition 3 Credits
A continuing in-depth practicum class focusing on the preparation of audition pieces for musical theatre. Students will prepare a portfolio of pieces to use in professional auditions. Non-Musical Theatre Concentration Majors may only enroll with permission of instructor. Lab fee.

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. Minimum hours required per unit will vary by internship and will be approved by the professor of record.This must be arranged the previous semester and must be approved by the student's advisor and the professor of record. Freshmen and Sophomores may not take this course without approval of the department chair.

THEA-451 Theatre Teaching Assistant 1-2 Credits
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.

THEA-455 Shakespeare 3 Credits
Reading Shakespeare's major works of drama and poetry within the historical and cultural context of the Renaissance.

THEA-470 Special Topic: 1-3 Credits
Study of a special topic in the area of theatre. May be repeated for credit.

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.

THEA-480 Individual Studies: 1-3 Credits
May be repeated for credit.

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.

Theatre Arts B.A.

The Theatre degree requires a total of 124 units. This consists of 25 Theatre Core units, 30-31 Concentration units depending on concentration, 48-49 Core Curriculum units, and 19-21 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 23 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 to four fewer Core Curriculum units to complete because THEA-202C History of Theatre I/ THEA-204C History of Theatre II fulfills the three unit University Fine Arts Core Curriculum requirement and THEA-133C Musical Theatre Dance I/THEA-433C Musical Theatre Dance II and THEA-338C Stage Combat fulfill the one unit University Lifetime Fitness and Wellness Activity requirement. The total number of units required for graduation remains 124 units.

Requirements

Code	Title	Units
Core Curriculum Requirements (p. 45)		52-54
Major Core Requirements		31
Concentrations		43-45
Stage & Screen Acting/Directing (p. 174)		
Technical/Design (p. 174)		
Musical Theatre (p. 174)		
Total Units		126-130

Theatre Arts Major

Code	Title	Units
Select one of the following:		1
THEA-106	Beginning Set Construction [1]	
or THEA-110	Beginning Costume Construction	
or THEA-116	Beginning Scenic Painting	
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	Intermediate Set Construction [1]	
or THEA-316	Intermediate Scenic Painting	
or THEA-317	Interm.Costume Construction	
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 Beginning and Intermediate Scenic Painting to fulfill these requirements.

Stage & Screen Acting/Directing Concentration

Code	Title	Units
THEA-107	Acting I	3
THEA-126	Voice and Speech	2
or THEA-135	Theatre Movement	
Select one of the following Theatre Performance Classes:		2
THEA-132A/13	Theatrical Performance I	
THEA-232A/232	Theatrical Performance II	
THEA-332A/33	Theatrical Performance III	
THEA-432A/432	Theatrical 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-338C	Stage Combat	2
or THEA-310	Improvisation	
THEA-339	Industry Insiders	3
THEA-341	Directing Fundamentals: Stage and Screen	3
THEA-343	Character Acting for Comedy	3
THEA-419	Acting/Directing for the Camera III	2-3
or THEA-441	Adv Directing for the Stage	
Suggested Electives		
Select 13-15 units from the following:		13-15
THEA-136A/136	Private Acting Lessons I	
THEA-236A/23	Private Acting Lessons II	
THEA-336A/336	Private Acting Lessons III	
THEA-436A/43	Private Acting Lessons IV	
THEA-244	Beg. Musical Theatre Audition	
THEA-272	Playing Shakespeare	
THEA-310	Improvisation	
or THEA-338C	Stage Combat	
THEA-323	Sound Design	
THEA-344	Interm Musical Theatre Auditn	
THEA-350	Stage Management	
THEA-360	Dramatic Lit: Script Analysis	
THEA-419	Acting/Directing for the Camera III	
or THEA-441	Adv Directing for the Stage	
THEA-442	Playwriting	
THEA-444	Adv. Musical Theatre Audition	
THEA-451	Theatre Teaching Assistant	
Total Units		43-46

Technical/Design Concentration

Code	Title	Units
THEA-102C	Intro to Acting	3
Select six units of the following:		6
THEA-108A/108	Theatrical Production I	
THEA-208A/20	Theatrical Production II	
THEA-308A/308	Theatrical Production III	
THEA-408A/40	Theatrical Production IV	
THEA-116	Beginning Scenic Painting	1
THEA-316	Intermediate Scenic Painting	1
THEA-323	Sound Design	2
THEA-350	Stage Management	3
THEA-472	Portfolio Preparation	2
Choice of courses taught by the Communications Department. Only couress with the COMM prefix and taught by the Communications Department will fulfill this requirement.		9
Suggested Electives		
Select thirteen units from the following:		13
THEA-126	Voice and Speech	
THEA-132A/13	Theatrical Performance I	
THEA-232A/232	Theatrical Performance II	
THEA-332A/33	Theatrical Performance III	
THEA-432A/432	Theatrical Performance IV	
THEA-135	Theatre Movement	
THEA-244	Beg. Musical Theatre Audition	
THEA-272	Playing Shakespeare	
THEA-338C	Stage Combat	
THEA-344	Interm Musical Theatre Auditn	
THEA-360	Dramatic Lit: Script Analysis	
THEA-442	Playwriting	
THEA-451	Theatre Teaching Assistant	
Total Units		40

Musical Theatre Concentration

Musical Theatre Concentration majors are strongly encouraged to take private voice lessons through the Theatre and Music Departments.

Code	Title	Units
MUSI-101	Basic Instruction: Voice [2]	1
THEA-137A/137B	Private Voice for Musical Theatre I	1
THEA-237A/237B	Private Voice for Musical Theatre II	1
THEA-337A/337B	Private Voice for Musical Theatre III	1
THEA-437A/437B	Private Voice for Musical Theatre IV	1
THEA-107	Acting I	3
Select four units of the following: [1]		4
THEA-132A/13	Theatrical Performance I	
THEA-232A/232	Theatrical Performance II	
THEA-332A/33	Theatrical Performance III	
THEA-432A/432	Theatrical Performance IV	
Select one of the following:		1
THEA/KINE-133C	Musical Theatre Dance I	
THEA-433C	Musical Theatre Dance II	
MUSC-101	Basic Musicianship I	2
THEA-135	Theatre Movement	2
THEA-207	Acting II	3
THEA-220	Musical Theatre Vocal Tech.	3
THEA-244	Beg. Musical Theatre Audition	3

THEA-307	Acting III	3
THEA-339	Industry Insiders	3
THEA-344	Interm Musical Theatre Auditn	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/103B	Private Dance Lessons I	
THEA-203A/203B	Private Dance Lessons II	
THEA-303A/303B	Private Dance Lessons III	
THEA-403A/403B	Private Dance Lessons IV	
THEA-126	Voice and Speech	
THEA-136A/136B	Private Acting Lessons I	
THEA-236A/236B	Private Acting Lessons II	
THEA-336A/336B	Private Acting Lessons III	
THEA-436A/436B	Private Acting Lessons IV	
THEA-137A/137B	Private Voice for Musical Theatre I	
THEA-237A/237B	Private Voice for Musical Theatre II	
THEA-337A/337B	Private Voice for Musical Theatre III	
THEA-437A/437B	Private Voice for Musical Theatre IV	
THEA-272	Playing Shakespeare	
THEA-310	Improvisation	
or THEA-219	Acting/Directing for the Camera I	
THEA-338C	Stage Combat	
THEA-343	Character Acting for Comedy	
THEA-360	Dramatic Lit: Script Analysis	
THEA/KINE-133C	Musical Theatre Dance I	
THEA-433C	Musical Theatre Dance II	
THEA-442	Playwriting	
THEA-444	Adv. Musical Theatre Audition	
THEA-451	Theatre Teaching Assistant	
On the Campus of Orange Coast College [3]		
DANCE-A101	Modern Dance 1	
DANCE-A102	Modern Dance 2	
DANCE-A1110	Ballet 1	
DANCE-A120	Jaz Dance 1	
DANCE-A1121	Jazz Dance 2	
DANCE-A125	Tap 1	
DANCE-A126	Tap 2	
DANCE-A143	Jazz Dance 3	
DANCE-A144	Ballet 3	
DANCE-A145	Modern Dance 3	
DANCE-A146	Tap 3	
DANCE-A162	Dance Composition/Choreography	
Total Units		49

1 1-2 units per role

2 MUSI-100 must be taken in conjunction with MUSI-101. For more information, contact the Department of Music.

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 Plans Concentrations:

Code	Title	Units
Stage & Screen Acting/Directing (p. 175)		
Technical/Design (p. 176)		
Music Theater (p. 177)		

Stage & Screen Acting/Directing Concentration

Course	Title	Units
Year 1 Term 1		
THEA-107	Acting I	3
THEA-108A	Theatrical Production I	1
THEA-132A	Theatrical Performance I	2.0
THEA-135	Theatre Movement	2
THEA-200C	Intro to Theatre	3
SOC-PLHD	Social Science Requirement	3
THEO-PLHD	Theology Core Requirement	3
THEA-PLBC	Begin Costume/ Set Or Scenic	1
CORE-100C	Cornerstone	1
	Units	19
Year 1 Term 2		
ENGL-120C	Persuasive Writing	3
NT-101C	New Testament Survey	3
THEA-108B	Theatrical Production I	1
THEA-132B	Theatrical Performance I	2.0
THEA-338C	Stage Combat	2
THEA-136B	Private Acting Lessons I	1
SOC-PLHD	Social Science Requirement	3
THEA-219	Acting/Directing for the Camera I	2
THEA-PLIC	Int Costume/Set Or Scenic	1
	Units	18
Year 2 Term 1		
OT-201C	Old Testament Survey	3
THEA-202C	History of Theatre I	3
THEA-208A	Theatrical Production II	1
THEA-232A	Theatrical Performance II	2.0
THEA-350	Stage Management	3
ELCT-PLHD3	Elective 3 Units	3
THEA-319	Acting/Directing for the Camera II	2

THEA-313	Scenic and Lighting Design Fundamentals	3
	Units	20
Year 2 Term 2		
THEA-126	Voice and Speech	2
THEA-204C	History of Theatre II	3
THEA-207	Acting II	3
THEA-208B	Theatrical Production II	1
THEA-232B	Theatrical Performance II	2.0
THEA-236B	Private Acting Lessons II	1
MATH-PHCR	Math Core Req Data Or Stats	3
THEA-314	Makeup & Costume Design Fundamentals	3
	Units	18
Year 3 Term 1		
ENGL-220C	Researched Writing	3
THEA-307	Acting III	3
THEA-332A	Theatrical Performance III	2.0
ELCT-PLHD3	Elective 3 Units	3
HSPS-PLCR	Hsps Core Requirement	3
HIST-PLHD	History Core Requirement	3
THEA-PHPR1	Thea Prod 308A/ Junior Project	3
	Units	20
Year 3 Term 2		
THEA-324	Theory and Criticism	3
THEA-332B	Theatrical Performance III	2.0
THEO-300C	Developoing a Christian World View	3
THEA-343	Character Acting for Comedy	3
THEA-339	Industry Insiders	3
THEA-341	Directing Fundamentals: Stage and Screen	3
THEA-PHPR2	Thea Prod 308B/ Junior Project	3
	Units	20
Year 4 Term 1		
KINE-145C	Lifetime Fitness/Wellness Lect	1
THEA-272	Playing Shakespeare	3
THEA-408A	Theatrical Production IV	1
THEA-432A	Theatrical Performance IV	2.0
THEA-450	Theatre Internship	1-2
ENGL-230C	Literature and the Human Experience	3
THEA-336A	Private Acting Lessons III	1
CHIS-400C	Christian Heritage	3
COMM-201C	Speech Comp/Presentation	3
	Units	18-19
Year 4 Term 2		
THEA-408B	Theatrical Production IV	1
THEA-432B	Theatrical Performance IV	2.0
THEA-495C	Senior Project	2
THEA-436B	Private Acting Lessons IV	1
ELCT-PLHD3	Elective 3 Units	3
NSCI-PLHD	Lab Science Requirement	4
THEA-441	Adv Directing for the Stage	3
	Units	16
	Total Units	149-150

Technical/Design Concentration

Course	Title	Units
Year 1 Term 1		
ENGL-120C	Persuasive Writing	3
THEA-108A	Theatrical Production I	1
THEA-200C	Intro to Theatre	3
THEA-350	Stage Management	3
THEA-116	Beginning Scenic Painting	1
THEO-PLHD	Theology Core Requirement	3
THEA-PLBCS	Begin Costume Or Set Const	1
CORE-100C	Cornerstone	1
	Units	16
Year 1 Term 2		
KINE-145C	Lifetime Fitness/Wellness Lect	1
KINE-146C	Lifetime Fitness/Well Activity	1
NT-101C	New Testament Survey	3
THEA-108B	Theatrical Production I	1
ENGL-220	Researched Writing	3
SOC-PLHD	Social Science Requirement	3
HSPS-PLCR	Hsps Core Requirement	3
THEA-PLICS	Int Costume Or Set Const	1
	Units	16
Year 2 Term 1		
OT-201C	Old Testament Survey	3
THEA-202C	History of Theatre I	3
THEA-208A	Theatrical Production II	1
THEA-316	Intermediate Scenic Painting	1
COMM-PLHD6	Communication Electives 6 Unit	6
THEA-313	Scenic and Lighting Design Fundamentals	3
	Units	17
Year 2 Term 2		
THEA-204C	History of Theatre II	3
THEA-208B	Theatrical Production II	1
ELCT-PLHD3	Elective 3 Units	3
MATH-PHCR	Math Core Req Data Or Stats	3
COMM-PLHD3	Communicaiton Elective 3 Units	3
THEA-314	Makeup & Costume Design Fundamentals	3
	Units	16
Year 3 Term 1		
THEA-102C	Intro to Acting	3
ENGL-230C	Literature and the Human Experience	3
FINA-PLHD	Fine Arts Requirement	3
ELCT-PLHD3	Elective 3 Units	3
THEA-PHPR1	Thea Prod 308A/ Junior Project	3

COMM-201C	Speech Comp/Presentation	3
	Units	18
Year 3 Term 2		
KINE-145C	Lifetime Fitness/Wellness Lect	1
THEA-442	Playwriting	3
THEO-300C	Developoing a Christian World View	3
THEA-472	Portfolio Preparation	2
THEA-338C	Stage Combat	2
THEA-PHPR2	Thea Prod 308B/ Junior Project	3
	Units	14
Year 4 Term 1		
THEA-316	Intermediate Scenic Painting	1
THEA-408A	Theatrical Production IV	1
THEA-450	Theatre Internship	1-2
SOC-PLHD	Social Science Requirement	3
ELCT-PLHD3	Elective 3 Units	3
HIST-PLHD	History Core Requirement	3
CHIS-400C	Christian Heritage	3
	Units	15-16
Year 4 Term 2		
THEA-324	Theory and Criticism	3
THEA-360	Dramatic Lit: Script Analysis	3
THEA-408B	Theatrical Production IV	1
THEA-495C	Senior Project	2
THEA-339	Industry Insiders	3
ELCT-PLHD3	Elective 3 Units	3
	Units	15
	Total Units	127-128

Music Theater Concentration

Course	Title	Units
Year 1 Term 1		
THEA-107	Acting I	3
THEA-108A	Theatrical Production I	1
THEA-132A	Theatrical Performance I	2.0
THEA-135	Theatre Movement	2
THEA-200C	Intro to Theatre	3
THEA-134	Musical Literacy for Theatre	2
THEO-PLHD	Theology Core Requirement	3
THEA-PLBC	Begin Costume/ Set Or Scenic	1
CORE-100C	Cornerstone	1
	Units	18
Year 1 Term 2		
ENGL-120C	Persuasive Writing	3
NT-101C	New Testament Survey	3
THEA-108B	Theatrical Production I	1
THEA-132B	Theatrical Performance I	2.0
THEA-244	Beg. Musical Theatre Audition	3
MUSI-200	Recital Attendance	0
THEA-133C	Musical Theatre Dance I	1
SOC-PLHD	Social Science Requirement	3
MUSI-PLBV	Basic Voice Musi-101 Or 102	1
	Units	17
Year 2 Term 1		
THEA-202C	History of Theatre I	3
THEA-208A	Theatrical Production II	1
THEA-220	Musical Theatre Vocal Tech.	3
THEA-232A	Theatrical Performance II	2.0
THEA-433C	Musical Theatre Dance II	1
ELCT-PLHD6	Electives 6 Units	6
THEA-PHDN	Dance Class Form Occ/ Private	1
THEA-313	Scenic and Lighting Design Fundamentals	3
	Units	20
Year 2 Term 2		
OT-201C	Old Testament Survey	3
THEA-204C	History of Theatre II	3
THEA-207	Acting II	3
THEA-208B	Theatrical Production II	1
THEA-232B	Theatrical Performance II	2.0
THEA-344	Interm Musical Theatre Auditn	3
THEA-PLIC	Int Costume/Set Or Scenic	1
THEA-314	Makeup & Costume Design Fundamentals	3
	Units	19
Year 3 Term 1		
ENGL-220C	Researched Writing	3
THEA-307	Acting III	3
THEA-332A	Theatrical Performance III	2.0
SOC-PLHD	Social Science Requirement	3
ELCT-PLHD3	Elective 3 Units	3
MATH-PHCR	Math Core Req Data Or Stats	3
THEA-PHPR1	Thea Prod 308A/ Junior Project	3
	Units	20
Year 3 Term 2		
THEA-324	Theory and Criticism	3
THEA-332B	Theatrical Performance III	2.0
THEA-442	Playwriting	3
THEO-300C	Developoing a Christian World View	3
THEA-343	Character Acting for Comedy	3
THEA-339	Industry Insiders	3
THEA-PHPR2	Thea Prod 308B/ Junior Project	3
THEA-PHDN	Dance Class Form Occ/ Private	1
	Units	21
Year 4 Term 1		
THEA-408A	Theatrical Production IV	1
THEA-432A	Theatrical Performance IV	2.0
THEA-450	Theatre Internship	1-2
ENGL-230C	Literature and the Human Experience	3
HSPS-PLCR	Hsps Core Requirement	3

THEA-PHDN	Dance Class Form Occ/ Private	1
CHIS-400C	Christian Heritage	3
COMM-201C	Speech Comp/Presentation	3
	Units	17-18
Year 4 Term 2		
KINE-145C	Lifetime Fitness/Wellness Lect	1
THEA-360	Dramatic Lit: Script Analysis	3
THEA-408B	Theatrical Production IV	1
THEA-432B	Theatrical Performance IV	2.0
THEA-495C	Senior Project	2
THEA-338C	Stage Combat	2
NSCI-PLHD	Lab Science Requirement	4
HIST-PLHD	History Core Requirement	3
THEA-PHDN	Dance Class Form Occ/ Private	1
	Units	19
	Total Units	151-152

Theatre Minor

Requirements

A minor in Theatre requires 23 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 and screen acting/ directing concentration, and tech/directing concentration requirements.

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.

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 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, 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.

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.

International Students

International students, whether on campus students or distant learning/online students, are required to complete the standard admissions process for acceptance by the University and additionally must fulfill the following requirements:

- Affidavit of Financial Support: Submit annual financial certification showing financial sponsorship for duration of planned study. Financial aid, with the exception of institutional talent scholarships, is not available for international students.
- 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.
- Deposit: For Fall students, submit a check in US dollars to cover 70% of basic costs of first academic year before the I-20 form is issued. For Spring students, submit a check in US dollars to cover 100% of basic costs of the Spring semester before the I-20 form is issued.
- Appropriate Visa documentation: International student applying within the U.S. must submit copies of their visa, I-94, and if on a student visa, copies of their I-20 A-B Form.
- Student Visa: F-1 International students must maintain full time student status each semester for their program. Contact the degree program for more information about how many units are required for full time status.

- Non Student Visa: Those currently in the U.S. on a visa other than an F-1 student visa (M-1, J-1, R-1, etc.) may only attend as a part time student. Contact the degree program for more information about how many units are allowed for part time status.
- Transferring: To become eligible for transfer to VU from another American college, approval must be obtained from the previous school attended and the US Immigration and Naturalization Service.
- Transferring from another institution outside of the U.S.: Transferring any units from a university or seminary overseas, all transcripts must be submitted to an agency that evaluates transcripts. All transcripts should be an English translation, and must be notarized by the U.S. Consul or notary, or another authority.

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 section in University Policies.

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.

Veterans Benefits

See Veterans Benefits section in University Policies.

University Leave of Absence and Withdrawal Policy

See the University's *Leave of Absence and Withdrawal Policy* section in Academic Information.

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 students using G.I. Benefits or Tuition Assistance Funding 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 consecutive semesters. Students on military leave are not regarded as having permanently withdrawn and need not apply for readmission.

Information regarding Military leave can be found in the *Veterans Enrollment Certification and Benefits* section of the catalog.

Grading System

Grade	Significance	Grade Points
A	Exceptional	4.00
A-		3.67
B+		3.33
B	Good	3.00
B-		2.67
C+		2.33
C	Satisfactory	2.00
C-		1.67
D+		1.33
D	Poor	1.00
D-		.67
F	Failure	0.00
W	Withdrawl	Not Applicable
WP	Withdrawal Passing	Not Applicable
WF	Withdrawal Failure	0.00
CR	Credit	Not Applicable
I	Incomplete	Not Applicable
P	Pass (Granted for 'C' or higher)	Not Applicable
AU	Audit	Not Applicable

A grade point is a numerical value assigned to a letter grade. Each unit of a grade of 'A' is assigned four (4) grade points. Each unit of a grade of 'B' is assigned three (3) grade points, et cetera. Thus, for example, a three unit course with a grade of B is assigned a total of nine (9) grade points. A grade point average (GPA) is determined by dividing the total number of grade points by the number of credits attempted for which grade points have been assigned.

The term 'current grade point average' refers to the GPA earned in the last semester of enrollment. The term 'cumulative grade point average,' on the other hand, refers to the average of the total grade points accumulated divided by the total of all graduate credits attempted in the University. The cumulative GPA is calculated and entered on the transcript of the students' academic record at the end of each full semester. While courses may be transferred from other graduate institutions, grade point averages are determined only on the basis of courses completed at VU.

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 in University Policies *(p. 12).*

Grade Appeals

See Grade Appeals section in University Policies *(p. 12).*

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 grades are the same, only the most recent grade will be included in the G.P.A.

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

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.

Application for Graduation

An application for graduation must be obtained from and filed with the Registrar's Office no later than 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 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 in University Policies *(p. 12).*

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.

Program Learning Outcomes

Upon completion of this program, students will be able to:

1. Apply fundamental knowledge within the field of clinical psychology and psychotherapy to the treatment of individuals, families and groups.
2. Demonstrate and apply cultural competency and sensitivity in the psychotherapeutic process.
3. Demonstrate and apply the integration of faith in the psychotherapeutic process.
4. Demonstrate effective clinical techniques within a therapeutic relationship.
5. Demonstrate effective written and oral communication skills as it specifically pertains to the field of psychotherapy.
6. 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.

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

The admission packet contains detailed information on the following 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.

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.

Classification of Students

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 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 "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 current or 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. No more than one grade of "C+" may be applied toward the Master of Science in Clinical Psychology degree. Grades of "C" and below cannot be used toward the Master of Science degree except by repeating the course with a satisfactory grade. For any course that does not meet minimal performance, students are required to repeat the course with a satisfactory grade as soon as the course is offered in subsequent terms. Should a student have more than one grade of C+, the program can decide which class(es) must be repeated. 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. If multiple courses are below minimal performance the student will be prohibited from registering for any other courses in the program until the courses are repeated with a satisfactory grade. A course cannot be repeated in the program more than twice.

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.

Withdrawal from the Program

See Withdrawal From the University in the graduate studies section.

Re-admission

If a student applies for re-admission after withdrawing from the program, being dismissed or a leave of absence, that returning student is subject to any new or changed academic regulations and program requirements in effect at the time of their re-admission.

Students who have been absent from the Graduate Program in Clinical Psychology due to voluntary Leave of Absence or Withdrawal for less than two years must submit an Application for Re-admission to the Graduate Program in Clinical Psychology. Students who have been absent for more than two years must repeat the application process with Graduate Admissions.

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.

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 nine (9) 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.
- 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. Advancement to Candidacy occurs at the end of the semester in which all required course work has been completed or by permission of the committee.

To be eligible to apply for Advancement to Candidacy students must:

- 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.
- Make application for Advancement to Candidacy during the semester the student is scheduled to advance. Forms for this purpose are available in the Program Office.
- 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.
- Be recommended for advancement by their faculty advisor.

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 research skills, 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.

Graduation Requirements

Students pursuing the Master of Science degree in Clinical Psychology from Vanguard University are required to satisfy the following graduation requirements:

1. Successful completion of 60 semester units in Graduate Psychology 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. 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).

Programs

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Courses

PSYG-590 Seminar: 1-4 Credits
Study of a special topic in psychology. May be repeated for credit.

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.

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.

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.

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.

PSYG-611 Clinical Foundations II 1-3 Credits
This class offers additional 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.

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.

PSYG-614 Adv Developmental Psych 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.

PSYG-615 Child & 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.

PSYG-616 Psychodynamic Theory/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.

PSYG-617 Cognitive-Behavorial Theory & Treatment 3 Credits
A study of the theories and processes of therapy based on the cognitive-behavioral 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

PSYG-618 Current Psychotherapy Topics 1-3 Credits
Study of a current topic within the field of psychotherapy. May be repeated for credit.

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.

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.

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.

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.

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.

PSYG-670 Special Topic: 1-3 Credits
Study of a special topic in psychology. May be repeated for credit.

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.

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.

PSYG-710 Psychotherapy & Diversity 3 Credits
Class focuses on developing the student's sensitivity, increased self-awareness, 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.

PSYG-711 Violence, Abuse, Andtrauma 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.

PSYG-712 Psychology, Theology & 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.

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.

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.

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.

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.

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-613, PSYG-626

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

PSYG-727 Practicum 0.5-1.5 Credits
Practicum placement management and oversight. Concurrent field placement is required for this course.
Prerequisite: PSYG-626

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.

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. Exit Project is completed and field placement is required concurrently with this course.

PSYG-799 Continuing Registration 1-4 Credits
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).

Clinical Psychology M.S.

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-613	Research Methodology	1
PSYG-614	Adv Developmental Psych	3
PSYG-615	Child & Adolescent Psychotherapy	3
PSYG-616	Psychodynamic Theory/Treatment	3
PSYG-617	Cognitive-Behavorial 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 & Diversity	3
PSYG-711	Violence, Abuse, Andtrauma	2
PSYG-712	Psychology, Theology & 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 [4]	3
PSYG-765	Comprehensive Project	3
Total Units		60

1. An additional 1.5-3.5 units may be required if minimum levels of proficiency as determined by the Clinical Foundations course and Advance to Candidacy are not met.
2. 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.
3. 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.
4. Course offered for 1.5 units, must be taken twice.

LPCC Option Course Requirements

Code	Title	Units
Course Requirements [1]		
PSYG-660	Career Development	3
PSYG-711	Violence, Abuse, Andtrauma	2-3

PSYG-720	Clinical Psychopharmacology	2-3
Total Units		7-9

[1] In addition to degree course requirements.

Sample Curriculum

Sample Curriculum Schedules

Three 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
	Units	9
Spring		
PSYG-605	Family Psychotherapy	3
PSYG-615	Child & Adolescent Psychotherapy	3
PSYG-704	Addictive Behaviors	3
	Units	9
Summer		
PSYG-710	Psychotherapy & Diversity	3
PSYG-720	Clinical Psychopharmacology	2-3
	Units	5-6
Second Year		
Fall		
PSYG-614	Adv Developmental Psych	3
PSYG-716	Couples Psychotherapy	3
PSYG-712	Psychology, Theology & Spirituality	3
	Units	9
Spring		
PSYG-616	Psychodynamic Theory/Treatment	3
PSYG-626	Professional Skills in Clinical Practice	3
PSYG-717	Group Psychotherapy	3
	Units	9
Summer		
PSYG-711	Violence, Abuse, Andtrauma	2-3
PSYG-613	Research Methodology	1
	Units	3-4
Third Year		
Fall		
PSYG-617	Cognitive-Behavorial Theory & Treatment	3
PSYG-725	Psychological Testing	3
PSYG-726	Case Conceptualization	1.5
PSYG-618	Current Psychotherapy Topics	1-3
	Units	8.5-10.5
Spring		
PSYG-724	Psychosocial Stressors and Ment Health	3
PSYG-765	Comprehensive Project	3
PSYG-726	Case Conceptualization	1.5
	Units	7.5
	Total Units	60-64

Two Year Track

Course	Title	Units
First Year		
Fall		
PSYG-601	Clinical Foundations I	3
PSYG-614	Adv Developmental Psych	3
PSYG-603	Advanced Psychopathology	3
PSYG-604	Ethical and Legal Issues	3
PSYG-618	Current Psychotherapy Topics	1-3
	Units	13-15
Spring		
PSYG-605	Family Psychotherapy	3
PSYG-615	Child & Adolescent Psychotherapy	3
PSYG-616	Psychodynamic Theory/Treatment	3
PSYG-626	Professional Skills in Clinical Practice	3
PSYG-613	Research Methodology	1
	Units	13
Summer		
PSYG-710	Psychotherapy & Diversity	3
PSYG-720	Clinical Psychopharmacology	2-3
PSYG-711	Violence, Abuse, Andtrauma	2-3
PSYG-660	Career Development	3
	Units	10-12
Second Year		
Fall		
PSYG-617	Cognitive-Behavorial Theory & Treatment	3
PSYG-725	Psychological Testing	3
PSYG-716	Couples Psychotherapy	3
PSYG-712	Psychology, Theology & Spirituality	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-765	Comprehensive Project	3
PSYG-726	Case Conceptualization	1.5
	Units	13.5
	Total Units	63-67

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

Preliminary Multiple Subject Credential Program (Accelerated, 3 Semester)

Preliminary Single Subject Credential Program (Accelerated, 3 Semester)

M.A. in Education

- Option 1: Curriculum and Instruction (Preliminary Credential)
- Option 2: Christian Education Leadership with a Preliminary 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 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, polices, 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 (ASCI), 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 MA Core faculty and the Program Coordinator serve as academic advisors for MA students. The advisors provide students with current information and recommended courses.

Admission Requirements

- A Bachelor's degree from a regionally accredited institution
- A graduate program application with corresponding fee
- Official transcripts of all undergraduate and graduate courses
- Three letters of recommendation addressing potential success in a teacher education program
- An interview and acceptance with Graduate Education personnel
- It is strongly recommended that students have taken a statistics course before beginning the MA Core component

California Preliminary Credential: A cumulative 2.7 GPA in undergraduate work is required for regular standing admission into the credential program.

- or -

- Students with a 2.5-2.69 GPA may be admitted on a probationary status. The probationary student will be eligible for regular standing in the credential program upon completion of the following 3 conditions:
  - Student must complete an additional 6-15 units of post-baccalaureate course work with a minimum of 3.0 GPA. All course work must be pre-approved and completed at VU prior to enrolling in the credential program.
  - Student must complete the first required 12 graduate units of the program with a 3.5 GPA or higher.
  - Student will meet with the Coordinator and/or Director for a progress evaluation conference.
- The B.A. grade point average requirement is waived for a candidate with a Master's degree from an accredited institution.
- Meeting the Basic Skills Requirement (BSR)
  - Verification of passing the CBEST (California Basic Educational Skills Test) by presenting the passing scores.
    - Candidate will not be denied admission solely on the basis of having failed to pass the CBEST.
  - Achieve Qualifying Score on SAT or ACT
    - SAT – Math – 550; Critical Reading – 500
    - ACT – Math – 23; English – 22
  - College Board Advanced Placement (AP) Examinations
    - Scores of 3 or above in one of the following: AP Calculus AB, AP Calculus BC or AP Statistics
    - Scores of 3 or above in one of the following: AP English Language and Composition or AP English Literature and Composition
- California Subject Examination for Teachers (CSET) verification of passing scores are due May 1 for fall or November 1 for spring in order to begin Early Supervised Fieldwork. The CSET should be taken at least 6 months prior to submitting an application to the Graduate Program in Education.

- or -

- Verification of Subject Matter Waiver. Vanguard University offers Subject Matter Preparation Programs in the following subjects: English, Mathematics, Music; and, Vanguard University also offers an Elementary Subject Matter program in Liberal Studies.

M.A. in Education: A minimum 3.0 GPA in undergraduate work is required for regular standing.

- or –

A student with a 2.7-2.9 GPA in all undergraduate work is eligible for admission with provisional standing. The student is eligible for regular standing upon successful completion of the first required 12 graduate units of the 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 standing on a probationary status. Upon completion of the following 3 conditions, the student will be eligible for regular standing:

- 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 and completed at VU prior to enrolling in the credential program.
- Student must complete the first required 12 graduate units of the 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.
- The grade point average requirement is waived for a candidate with a Master's degree from an accredited institution.

See Graduate Studies catalog section for:
Academic Classification of Students
Auditing
International Students
Change of Class Schedule
Grading System
Registration
Special Class Enrollment Options
Veteran's Benefits

Program Policies

Leave of Absence

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 Program 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 Reg: Teaching Credential. Teaching Credential and 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 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.

Medical or Compassionate Leave of Absence Policy

A medical or compassionate leave of absence request may be made for students who find it necessary to interrupt their studies temporarily. A medical leave may be granted for physical or mental health situations that significantly limits a student's ability to function successfully or safely in their role as student. A compassionate leave may be taken for circumstances related to the care of a seriously ill parent, child or spouse: financial or academic difficulties: or other situations that may prevent the student from continuing in classes. A request for absence must be made with the Disability Services Office. Each leave request is individualized, and handled on a case-by-case basis.

Military Leave of Absence Policy

See Military Leave of Absence Policy in Graduate Studies section.

Re-Entry from a Leave of Absence

Credential and/or M.A. 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 CTC or legislative action. If the student's application is denied, he/she will be required to reapply through the Graduate Admissions Office.

Readmission

Credential and/or M.A. students who have been absent from the program for one or more semesters, and did not file an official withdrawal form or leave of absence, are considered withdrawn from the program and must reapply through the Graduate Admissions Office. Students applying for readmission will be placed in the catalog year in which they re-enter. Credential students are subject to any changes due to CTC and legislative action.

Student Academic Load

A full-time academic load at the graduate level is 5-12 unit hours or more per semester, depending on 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 (3.0) GPA. A D grade is not acceptable in any of the course work in the sequence. No more than one C grade will be acceptable in credential course work. 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 standing for the credential or degree program should carefully review the grade requirements for change of status for their specific program.

Incomplete Work

The institution grans an Incomplete grade when a student has been prevented from completing some or all of the requirements of a course 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. 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.

Grade Appeals

See Grade Appeals section in University Policies.

Academic Deficiencies

If a student has provisional standing due to coursework deficiencies, s/he may still enroll in graduate classes. However, all deficiencies must be removed before completing 20 credit hours of graduate work and before making 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 unsuited 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 in 5 years. 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), 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 before the time of admission. No transfer unit can be granted for course work used for a degree awarded by another institution. All core courses must be taken at VU. The Director of the Graduate Program in Education must approve all transfers of units prior to admission.

M. A. Graduation Requirements

- Be accepted into the Graduate Program in Education with regular standing by having all deficiencies, if any existed at the time of admission, removed.
- Make application for advancement to candidacy upon completion of EDUG-605 Current Issues in Education, EDUG-606 Intro/Educational Research, and 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 500- and 600-level graduate course work required for the degree with no more than one (1) course grade of C. All M.A. Core courses must be completed with a grade of B- 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 justify continuation of study toward 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 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/Eval 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, Spring and Summer sessions. The date of degree posted on the transcript is the last day of the semester or Summer session in which the graduation requirements were met.

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.

Student Learning Objectives

- 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 on 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.

Grade Requirements for Credential Course Work

See Program Grade Requirements

Commission on Teacher Credentialing (CTC)

Credential requirements may change at any time during a student's program based on changes of 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, Chemistry, and Mathematics
- Liberal Studies Integrated Program

Program Requirements

After acceptance into the credential program, the student must complete the following:

- 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.

Subject Matter Requirements for the California Preliminary Multiple or Single Subject Credential:

See Admission Requirements - A student who otherwise meets admission requirements may be considered for provisional standing to the Program on a case-by-case basis prior to passing the CSET exam. The student recognizes that the CSET must be passed before beginning Early Supervised Fieldwork semester. If the student does not provide evidence of passing the required tests by May 1 for fall semester or November 1 for spring semester, the student must enroll in the 3 semester credential plan.

Multiple Subject: Accelerated Coursework Required for the Preliminary Credential

Code	Title	Units
First Semester		
EDUG-508	Language and Culture in Context	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 Pedagogy for Multiple Subject	4
EDUG-525	Early Supervised Fieldwork for Multiple Subject	4
EDUG-527	CalTPA Cycle 1	0.5
Second Semester		
EDUG-537	Curriculum Unit Planning/Multiple Subj 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		28

Multiple Subject: 3 Semester Coursework Required for the Preliminary Credential

Code	Title	Units
First Semester		
EDUG-508	Language and Culture in Context	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-525	Early Supervised Fieldwork for Multiple Subject	4
EDUG-526	Instructional Design and Subject Specific Pedagogy for Single Subject	4
EDUG-527	CalTPA Cycle 1	0.5
Third Semester		
EDUG-537	Curriculum Unit Planning/Multiple Subj Multiple Subject	2
EDUG-586	Clinical Practice Seminar for Multiple Subject	2

EDUG-587	Clinical Practice Fieldwork for Multiple Subject [1]	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/Linguistics

Single Subject: Accelerated Coursework Required for the Preliminary Credential

Code	Title	Units
First Semester		
EDUG-508	Language and Culture in Context	2
EDUG-524	Foundations in Teaching for Single Subject	2
EDUG-526	Instructional Design and Subject Specific Pedagogy for Single Subject	4
EDUG-535	Early Supervised Fieldwork - Single Subj Single Subject	4
EDUG-544	Lang Acquisition/Second Studnt	1
EDUG-548	Metacogntn/Rdg Strategies-Sec	1
EDUG-551	Literacy/Content Areas-Sec	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		28

single Subject: 3 Semester Coursework Required for the Preliminary Credential

Code	Title	Units
First Semester		
EDUG-508	Language and Culture in Context	2
EDUG-524	Foundations in Teaching for Single Subject	2
EDUG-544	Lang Acquisition/Second Studnt	1
EDUG-548	Metacogntn/Rdg Strategies-Sec	1
EDUG-551	Literacy/Content Areas-Sec	1
Second Semester		
EDUG-526	Instructional Design and Subject Specific Pedagogy for Single Subject	4
EDUG-535	Early Supervised Fieldwork - Single Subj 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
EDUG-508	Language and Culture in Context [1]	2
Total Units		30

[1] EDUG-508 Language and Culture in Context: may be satisfied by the Undergraduate course – ENGL-453 Language,Culture/Linguistics

Clinical Practice Fieldwork

Clinical Practice Fieldwork is a full day experience at a school site. Candidates will teach 5 days per week, 6 hours a 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 and 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. Student teaching is a full-time experience that requires focus and attention.

Clinical Practice placements will be made by the department in local partner schools to satisfy EL Authorization requirements. Candidates cannot be placed at a school(s) where their own children currently attend, or where their relatives are employed. Placement outside a 12-mile radius of the Vanguard University campus require a minimum 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.

Additional Preliminary Credential Requirements:

- Reading Instruction Competence Assessment (RICA) is for Multiple Subject candidates only. 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.
- TPA (Teacher Performance Assessment - Cycle 1 taken during the Early Supervised Fieldwork semester. Cycle 2 taken during the Clinical Practice Fieldwork semester.
- CPR
- U.S. Constitution: met by POLS 155C, equivalent or by test

See Student Teaching Coordinator for specific details.

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 an alternative program sponsor.

Programs

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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 ANTH/ENGL/SPAN 453: Language, Culture and Linguistics.

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.

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.

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, Common Core Literacy standards, and English Language Development standards. Candidates develop in-depth lesson plans utilizing Inductive, Deductive, and Cooperative methodologies.

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.

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 classroom with a Master Teacher, 180 hours for 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 fees cover CEAI Insurance, Master Teacher, Subject Mentor and TPA fees.

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 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.

EDUG-527 CalTPA Cycle 1 0.5 Credits
As of July 2018, California law requires all Multiple and Single Subjct teacher preparation programs to include a 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 will consist of two sections - section 1, for CalTPA Cycle 1, which will be taken during the first semester of Early Fieldwork Experience, and section 2, taken curing second semester or full-time student teaching, for CalTPA Cycle 2. Co-Requisite: EDUG-525; EDUG-535; EDUG-586; or EDUG-588

EDUG-528 CalTPA Cycle 2 0.5 Credits
As of July 2018, California law requires all Multiple and Single Subjct teacher preparation programs to include a 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 will consist of two sections - section 1, for CalTPA Cycle 1, which will be taken during the first semester of Early Fieldwork Experience, and section 2, taken curing second semester or full-time student teaching, for CalTPA Cycle 2. Co-Requisite: EDUG-525; EDUG-535; EDUG-586; or EDUG-588

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.

EDUG-535 Early Supervised Fieldwork - Single Subj Single Subject 4 Credits
This early supervised field experience provides the candidate with an opportunity to work directly with learners in a University assigned secondary classroom with a Master Teacher for 180 hours for 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 fees cover CEAI Insurance, Master Teacher, Subject Mentor and TPA fees.

EDUG-537 Curriculum Unit Planning/Multiple Subj 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.

EDUG-538 Pedagogy/Practice in Theatre for Youth 3 Credits

EDUG-539 Found/Dance for Elem Te 1 Credit
Foun

EDUG-540 Cross-Cultrl Studies/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, raise issues for teaching within a multicultural classroom, and demonstrate appropriate responses, communication techniques and strategies suited to educating those with differing world view ideologies.

EDUG-541 Philosophy/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.

EDUG-544 Lang Acquisition/Second Studnt 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.

EDUG-548 Metacogntn/Rdg Strategies-Sec 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. Materials fee.

EDUG-551 Literacy/Content Areas-Sec 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.

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.

EDUG-570 Special Topic: 0.5-3 Credits
Special topics in education: curriculum, assessment, instruction, community partnerships, classroom management and research.

EDUG-572 Adv Study/Teaching Engl Learnr 2 Credits
This course provides an advanced understanding of the candidate's role of teaching English Learners within the state of California. The course builds on the knowledge, skills, and abilities acquired during the professional teacher preparation program for the delivery of comprehensive, specialized instruction for English learners. Each candidate examines school organizational structures and resources designed to meet the needs of English learners, and demonstrates the ability to implement the instructional program for English Language Development. Each candidate demonstrates the ability to implement adopted instructional programs and the development of academic language, comprehension, and knowledge in the core academic curriculum that promote students' access and achievement in relation to state-adopted academic content standards and performance levels for students. Each candidate becomes familiar with local and state-adopted assessments for English language proficiency, and how these instruments are used to measure student accomplishment and to place students and diagnose their needs. Each candidate uses knowledge of his/her students' backgrounds, experiences, family structures, cultures, and languages in planning instruction and supporting individual student learning. This course meets the CTC standards for the Professional Clear Credential requirement for SB 2042 preliminary credentials candidates who do not have access to a district induction program.

EDUG-573 Adv Study/Teaching Health/Educ 1 Credit
This course provides a basic understanding of the candidate's role in promoting personal, classroom, and school health and safety through appropriate prevention and intervention strategies. Candidates demonstrate an understanding of the relationship between student health and student learning, and develop competencies in detecting and handling the health problems of their students. Local and community resources to support student health are investigated. Candidates learn about character education and how to create an emotionally healthy classroom environment for learning. The California Health Framework grade level content, methods, and processes for teaching health education are studied. Candidates have opportunities to show evidence of selected Teacher Performance Expectations through class activities and assignments. California Ed Code and federal law relating to health, safety, and parents' rights are presented. This course meets the CTC standards for the Professional Clear Credential requirement for SB 2042 preliminary credential candidates who do not have access to a district induction program.

EDUG-574 Adv Study/Teaching Spec Popltn 2 Credits
This course provides each candidate with the opportunity to deepen their knowledge, skills, and strategies for teaching special populations, including students with disabilities and gifted and talented students in the general classroom. Particular emphasis is given to creating a positive, inclusive climate of instruction for all special populations in the general classroom. This course meets the CTC standards for the Professional Clear Credential requirement for SB 2042 preliminary credentials candidates who do not have access to a district induction program.

EDUG-576 Adv Use/Tech/Support Stud Lrng 1 Credit
This course facilitates teachers' mastery and application of technology in the classroom, providing advanced tools for developing and revising standards-based lessons and units using technology. Teachers are introduced to the process of designing and planning lessons and units that integrate the key elements of content standards, activities, technology resources and assessments. This course meets the CTC standards for the Professional Clear Credential requirement for SB 2042 preliminary credentials candidates who do not have access to a district induction program.

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.

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.

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.

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, 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.

EDUG-590 Seminar: 1-6 Credits
Mutual investigation of one topic in education of particular relevance to graduate students in education.

EDUG-591A Pedagogical Reflectn/Practice 1 Credit
In this course, teachers are introduced to job embedded learning and the plan-teach-reflect-apply cycle. While completing CFASST Events 1, 2, and 3, they will study the local context where they are teaching and begin the process of analyzing the impact of their teaching on student learning. This course is offered in the Fall semester for new teachers and trained support providers starting the induction experience.

EDUG-591B Pedagogical Reflectn/Practice 1 Credit
In this course, teachers develop and implement the Individual Induction Plan. Student work is also used to conduct an in-depth inquiry in entry-level, monitoring and summative assessment practices. Teachers enroll in this course during the second semester while completing CFASST Events 4-6.

EDUG-591C Pedagogical Reflectn/Practice 1 Credit
New teachers and support providers may obtain one unit of university credit for participating in 15 hours professional growth directly related to SB 2042 completion requirements and CFASST. These hours must be described in the district's state approved induction program. Teacher attendance and completion of all requirements must be verified by the local BTSA Induction Program to receive university credit.

EDUG-591D Pedagogical Reflectn/Practice 2 Credits
This course includes an investigation of specific characteristics of the teachers' class, school, district and community that affect daily teaching. Students analyze the results of several assessments including literacy in primary language to discover the prior academic achievement of their students. This data will be used to develop short and long term instructional plans that are also guided by the California Content Standards and Frameworks. Students enroll in this course during the Fall semester of the second year of induction while completing CFASST 7, 8, and 9.

EDUG-591E Pedagogical Reflectn/Practice 2 Credits
In this course teachers complete a self-assessment on their level of implementation of the California State Frameworks to assist them in reflecting on their teaching to date. They participate in the district's colloquium by sharing a selection of significant work with colleagues. This course is taken by teachers in their final semester of state approved induction and while completing CFASST 10, 11, and 12.

EDUG-591F Pedagogical Reflectn/Practice 2 Credits
New teachers and support providers may obtain two units of university credit for participating in 30 hours of professional growth directly related to SB 2042 completion requirements and CFASST. These hours must be described in the district's state approved induction program. Teacher attendance and completion of all requirements must be verified by the local Induction Program to receive university credit.

EDUG-599 Continuous Reg: Teaching Credential 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 are requirements are met, at which time the grade is changed to CR (Credit).

EDUG-604 Outcomes Eval & Publication 3 Credits

EDUG-605 Current Issues in Education 2 Credits
An in-depth investigation of current problems and issues that affect education in America. Students will also study current trends in curriculum, teaching practice, and school organization and evaluate them in terms of the effectiveness of teaching and learning and the quality of life in the school community.

EDUG-606 Intro/Educational Research 4 Credits
This course enables graduate students in education to become acquainted with literature on research methodologies, and to develop an understanding of such methodology in light of educational research. The goal is to become a critical reader of research reports, and a consumer and producer of research. To this end, a series of research assignments enable the student to apply his/her learning and to develop skills in interpreting research designs and research literature.
Prerequisite: EDUG-605 and consent of Director

EDUG-609 Curriculum Design/Teaching 2 Credits
This course provides students with the opportunity to examine historical, philosophical, and sociopolitical influences on the curriculum of American public schooling. 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.

EDUG-610 Educational Assessment/Eval 4 Credits
This course focuses on qualitative and quantitative assessment instruments that are needed to evaluate the potential and progress of children throughout the instructional process. The course covers both individual and program evaluation methods (includes formal and informal methods of assessment).

EDUG-611 Adv Models of Teaching 3 Credits
This course explores varied strategies of instruction, culminating in the identification and study of fifteen models of teaching. Students examine relationships among theories of learning and instruction, as well as various instructional alternatives.

EDUG-612 Theories of Learning/Teaching 3 Credits
This course examines principles of teaching that can be derived from psychological theories and research, including behavioral, cognitive, and social theories.

EDUG-614 Curriculum Ldrshp/Collaboratn 3 Credits
This course is about teacher learning, evaluating and organizing high quality professional development. 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 teacher-led learning community. The literature on professional development and reviews of modern professional development programs along with practical guidance are covered in this course.

EDUG-615 Research Literature: Content Specific 4 Credits
This course enables master's degree candidates to develop an understanding of the research-based literature that informs the history and development of content specific subject matter. Teachers will explore and analyze the literature, including historical key definitions of conent-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 reasearch prupose. 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.

EDUG-670 Special Topic: 1-3 Credits
Special topics in education; curriculum, assessment, instruction, community partnerships, classroom management and research.

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. Permission of the Director of the Graduate Program in Education.

EDUG-690 Seminar: 1-6 Credits
Mutual investigation of one topic in education of particular relevance to graduate students in education.

EDUG-699 Continuous Registration 1 Credit
Continuation of independent project study. Credit does not count toward Master's degree requirements. (Fee equivalent to one-unit hour of 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

Education M.A.

Student Learning Outcomes

- 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

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 Preliminary Credential		25
M.A. Core Requirements		
Prerequisite: Christian Education Leadership series course work; California Preliminary Credential from Vanguard; consent of Director. Regular standing is required prior to enrolling in the M.A. Core.		
EDUG-605	Current Issues in Education [1]	2
EDUG-606	Intro/Educational Research	4
EDUG-609	Curriculum Design/Teaching	2
EDUG-610	Educational Assessment/Eval	4
Total Units		37

[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 Intro/Educational Research. EDUG-610 Educational Assessment/Eval must be taken as the final course of the M.A. Core. EDUG-609 Curriculum Design/Teaching may be taken concurrently with EDUG-610 Educational Assessment/Eval.

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

See Academic Policies, Admission Requirements

Code	Title	Units
Program Requirements for M.A. Option 2		
Prerequisite: Christian Education Leadership series course work; California Preliminary Credential from Vanguard; consent of Director. Regular standing is required prior to enrolling in the M.A. Core.		
California Preliminary Credential		25
Christian Education Leadership Requirements		
Select nine units from the following courses:		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		
EDUG-605	Current Issues in Education [1]	2
EDUG-606	Intro/Educational Research	4
EDUG-609	Curriculum Design/Teaching	2
EDUG-610	Educational Assessment/Eval	4
Total Units		46

[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 Intro/Educational Research. EDUG-610 Educational Assessment/Eval must be taken as the final course of the M.A. Core. EDUG-609 Curriculum Design/Teaching may be taken concurrently with EDUG-610 Educational Assessment/Eval.

Option 3: Master of Arts in Education – Concentration - Christian Education Leadership

The Master of Arts in Education with an concentration in Christian Education Leadership is intended for the individual who wants 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 sequencing of coursework. Choose Multiple or Single Subject courses.		
Select one of the following options:		13
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/Multiple Subj Multiple Subject	
EDUG-540	Cross-Cultrl Studies/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 Pedagogy for Single Subject	
EDUG-534	Curriculum Unit Planning for Single Subject	
EDUG-540	Cross-Cultrl Studies/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 standing required prior to enrolling in M.A. Core.		
EDUG-605	Current Issues in Education [1]	2
EDUG-606	Intro/Educational Research	4
EDUG-609	Curriculum Design/Teaching	2
EDUG-610	Educational Assessment/Eval	4
Total Units		34

[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 Intro/Educational Research. EDUG-610 Educational Assessment/Eval must be taken as the final course of the M.A. Core. EDUG-609 Curriculum Design/Teaching may be taken concurrently with EDUG-610 Educational Assessment/Eval.

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 an 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	Title	Units
Program Requirements for M.A. Option 4		
M.A. Electives		6
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-Cultrl Studies/Educators	3
EDUG-611	Adv Models of Teaching	3
EDUG-612	Theories of Learning/Teaching	3
EDUG-614	Curriculum Ldrshp/Collaboratn	3
EDUG-615	Research Literature: Content Specific	4
M. A. Core		
EDUG-605	Current Issues in Education	2
EDUG-606	Intro/Educational Research	4
EDUG-609	Curriculum Design/Teaching	2
EDUG-610	Educational Assessment/Eval	4
Total Units		34

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, three semester basis (Fall, Spring and Summer). Courses begin at various intervals throughout the year. Students may enroll at 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 full-time.

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 University Policies.

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 at https://www.collegecreditconnection.com/ccc/Home.aspx.

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 2-4 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 at https://www.collegecreditconnection.com/ccc/Home.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 the Registrar's Office by completing the Transcript Request Online Form at https://www.vanguard.edu/academics/registrar/transcripts (https://www.vanguard.edu/academics/registrar/transcripts/). Students

requesting an Official Transcript earlier than the 2-4 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 by completing a Drop Form and contacting the CCC office with written intent to drop the course. Drop Forms are accessed at https://www.collegecreditconnection.com/ccc/Home.aspx. 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 request are advised to make a copy of the email with 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
2331 Honolulu Avenue
Suite H
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 at https://www.collegecreditconnection.com/ccc/Home.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 at https://www.collegecreditconnection.com/ccc/Home.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.

Nursing M.S.N.

Mission: 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 Educational 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 40-45 units that can be completed in a minimum of six semesters.

Program Goals

1. Demonstrate advanced performance in critical thinking and clinical reasoning in the role of the nurse leader and educator through a faith-based 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.

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.

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: : http://www.vanguard.edu/admissions/graduate/how-to-apply (http://www.vanguard.edu/admissions/graduate/how-to-apply/)

Application Checklist

All application documents must be submitted in one envelope and sent to

The Graduate and Professional Studies Admission Office
55 Fair Drive
Costa Mesa, CA 92626.

You may also apply on-line and send the documents under separate cover.

1. $45 application fee
2. Completed admission application
3. Two professional reference forms and letters
4. Official transcripts from all colleges and universities including nursing program
5. Copy of California Registered Nurse (RN) license. License must be current and clear.
6. Evidence of all required immunizations/titers and physical exam report
7. Copy of Basic Life Support (BLS) certificate.
8. Statement of Purpose (250 words)
9. Professional resume
10. Background check and immunization tracker system (contracted by the university)

Admission Requirements for MSN program

1. A clear and current license to practice as a RN in the State of California. A current copy of the license must be submitted in the admission packet.
2. An earned baccalaureate degree from an accredited college or university. The baccalaureate degree can be in Nursing or in another discipline.
3. One year of experience as a RN in the last 5 years.
4. A minimum Grade Point Average (GPA) of 3.0 on a 4.0 scale in all baccalaureate course work.
5. Completion of a college level elementary statistics course.
6. Completion of the Vanguard University application to Graduate Nursing.
7. Official transcripts from each college/university, school of nursing attended.
8. Two professional letters of recommendation are required for MSN applicants except for prospective students who are graduates from the Vanguard RN to BSN program. For Vanguard graduates, only one letter of recommendation is required. No personal letters of recommendation will be accepted.
9. A copy of the candidate's professional resume.
10. A 250 word typed Statement of Purpose.
11. Evidence of all required immunizations and report of a current physical exam (within one year of program application).
12. A copy of a basic life support certification (BLS).
13. An interview with the MSN Coordinator or Director of Nursing.
14. All documents must be submitted in one envelope and sent to the Graduate Admission Office prior to scheduling an admission interview.
15. Background check and immunization tracker system

Note: Graduates of foreign schools must have their transcripts evaluated prior to the beginning of the admission process. A list of acceptable agencies can be obtained from the Vanguard University Registrar's Office. Candidates, for whom English is a second language, must also be evaluated via TOEFL.

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 Nursing Program prior to admission.

Academic Policies

Credit Hour Policy

See Credit Hour Policy section in University Policies.

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. The likelihood of dismissal significantly increases if the student has received one or more grades of "C" or below.

Malpractice Insurance

Each student must have basic malpractice insurance ($1 million/$3 million) before the beginning of the first practicum. This will occur during the third semester of the MSN program. Malpractice insurance is renewed yearly.

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.

Grading

Grading System

The Grading System is outlined in each MSN syllabus. The student is responsible for reviewing this information.

Grade Change Policy

See Grade Change Policy in University Policies.

Grade Appeals

See Grade Appeals section in University Policies.

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".

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 Nursing Office. The forms for this purpose are available in the Graduate Nursing 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 five-year 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.

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.

Medical Leave of Absence Policy

The University recognizes that students may experience a physical or mental health medical situation that significantly limits their ability to function successfully or safely in their role as students. In such situations, students should consider requesting a medical leave, which permits students to take a break from University life and their studies, so that they may receive treatment and later return to the University with the opportunity to achieve their academic and co-curricular goals.

A request for a medical leave of absence must be made with the Disability Services Office. Each medical leave request is individualized, and handled on a case-by-case basis, based on the needs of the student. Upon exit and reinstatement to the University, the student must have adequate medical documentation from a licensed health care or mental health care provider. A medical leave can be granted for up to two consecutive semesters.

Compassionate Leave of Absence Policy

A compassionate leave of absence request may be made and considered for compelling reasons for students who find it necessary to interrupt their studies temporarily. A compassionate leave may be taken for circumstances related to the care of a seriously ill parent, child or spouse, financial or academic difficulties, or other situations that may prevent the student from continuing in classes. A request for a compassionate leave of absence must be made with the Disability Services Office. Each compassionate leave request is individualized, and handled on a case-by-case basis, based on the needs of the student.

Military Leave of Absence Policy

See Military Leave of Absence Policy in Graduate Studies section.

Student Load

A full time academic load at the graduate level is nine (9) unit hours or more per semester, pending specific program requirements.

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. Time spent on leave is calculated into that five (5) year limit. Any exceptions to the limit must be approved by the Director of the Program.

Graduation Requirements

Students pursuing the Master of Science in Nursing degree from Vanguard University are required to satisfy the following graduation requirements:

1. Successful completion of the 40-45 units of course work included in the MSN program. with a minimum grade of "B" (3.0) GPA in all required course work, and within the allowed five (5) years limit.
2. Completion of the thesis project.
3. Submission of the bound thesis project report and project defense.
4. Settlement of all financial obligations to Vanguard University.
5. Completion of all Vanguard University forms necessary for graduation.

Application for Graduation

An application for graduation must be obtained from and filed with the Registrar's 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.

Requirements
MSN Curriculum Schedule

Course	Title	Units
First Year		
First Semester		
NURS-610	Theoretical Frameworks of Education	2
NURS-617	Use of Technology in Healthcare and Nursing Education	2
NURS-630	Curriculum and Program Development	2
	Units	6
Second Semester		
NURS-516	Research Methodologies and Project Development I	3
NURS-621	Strategies of Simulation Learning and Instruction	2
NURS-635	Class/Course Preparation,Planning, and Competency Evaluation	2
	Units	7
Third Semester		
CNSG-613	Advanced Health Assessment	2-3
CNSG-618	Adv Concepts in Pathophysiology	2-3
CNSG-622	Adv Concepts in Pharmacology	2-3
	Units	6-9
Second Year		
Fourth Semester		
NURS-501	Theoretical Frameworks of Leadership	2
NURS-625	Thesis Development II	2
NURS-651	Advanced Education Practicum (55 hours practice and 5 hours seminar)	4
	Units	8
Fifth Semester		
NURS-506	Diversity, Social and Global Issues in Health Promotion and Disease Prevention (online)	2
NURS-531	Assessing, Planning, and Managing Budget Resources	2
NURS-536	Gerontology Care Fortoday and the Future	2
NURS-510	Spirituality & Care in Prof Nursing	1
	Units	7
Sixth Semester		
NURS-526	Policies Affecting Health Delivery And Fiscal Systems (online)	2
NURS-653	Leadership Practicum in Healthcare (55 hours practice and 5 hours seminar)	4
NURS-642	Thesis Development III, Final Written Report and Defense (individual meetings with faculty and on campus seminars)	2
Individual meetings with faculty and on campus seminars		1-2
	Units	9-10
	Total Units	43-47

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:

Master of Science in Industrial-Organizational Psychology (MSIO): MSIO equips organizational scientists-practitioners with graduate-level 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.

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.

Program Learning Outcomes

Graduates of the Organizational Psychology program 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 t 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,
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 contexts.

Graduates of the Talent, Development and Organizational Analysis (TDOA) certificate 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.

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 "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 "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 "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.

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 (p. 37) 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 five-year 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.

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 Unviersity's VA 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 University Policies.

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 *(p. 12)* in University Policies.

Grade Appeals

See *Grade Appeals* section in University Policies.

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. Change Leadership and Executive Applications concentration is offered in an intensive/executive format.

Programs

- Industrial-Organizational Psychology M.S. (p. 211)
- Organizational Psychology M.S. (p. 211)
- Organizational Psychology, MA (p. 211)
- Talent Development and Organizational Analysis Graduate Certificate (p. 212)

Courses

PSOG-505 Introduction to Psychology and Behavior 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.

PSOG-510 Specialization: Training/Develop in Org 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.

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.

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.

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.

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.

PSOG-615 Performance Management and Employee Engagement 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.

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.

PSOG-635 Diversity and the Organization 3 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.

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.

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.

PSOG-654 Specialization: 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).

PSOG-655 Capstone: Organizational Systems, Development Andchange 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.

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.

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.

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.

Industrial-Organizational Psychology M.S.

Requirements

Code	Title	Units
Course Requirements		
PSOG-505	Introduction to Psychology and Behavior In Organizations	3
PSOG-510	Specialization: Training/Develop in Org	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	Performance Management and Employee Engagement	3
PSOG-625	Psychology of Leadership and Motivation	3
PSOG-635	Diversity and the Organization	3
PSOG-655	Capstone: Organizational Systems, Development Andchange	3
PSOG-715	Advanced Research Methods/Project Devel	1.5
PSOG-720	Professional Development Workshops (Multiple Topics, 6 workshops required)	6
Select one of the following:		3
PSOG-650	Exit Option: Master's Thesis	
PSOG-652	Exit Option: Applied Project	
Total Units		43.5

Code	Title	Units
Optional Specialization (not required)		
PSOG-654	Specialization: (Intercultural Relations)	
PSOG-654	Specialization: (Organizational Consulting)	

Organizational Psychology M.S.

Requirements

Graduation Course Requirements

Code	Title	Units
PSOG-505	Introduction to Psychology and Behavior In Organizations	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	Performance Management and Employee Engagement	3
PSOG-625	Psychology of Leadership and Motivation	3
PSOG-635	Diversity and the Organization	3
PSOG-655	Capstone: Organizational Systems, Development Andchange	3
PSOG-720	Professional Development Workshops	1
PSOG-650	Exit Option: Master's Thesis	3
or PSOG-652	Exit Option: Applied Project	
Optional Specializations (not required)		
PSOG-654	Specialization: (Intercultural Relations)	
PSOG-654	Specialization: (Training and Development in Organizations)	
Total Units		34

Organizational Psychology, MA

Requirements

Code	Title	Units
Course Requirements		
PSOG-505	Introduction to Psychology and Behavior In Organizations	3
PSOG-510	Specialization: Training/Develop in Org	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	Performance Management and Employee Engagement	3
PSOG-625	Psychology of Leadership and Motivation	3
PSOG-635	Diversity and the Organization	3
PSOG-655	Capstone: Organizational Systems, Development Andchange	3
PSOG-710	Applying Science in Organizations	1.5
PSOG-720	Professional Development Workshops (Multiple Topics, 5 workshops required)	5
Total Units		36.5

Code	Title	Units
Optional Specialization (not required)		
PSOG-654	Specialization: (Intercultural Relations)	
PSOG-654	Specialization: (Organizational Consulting)	

Talent Development and Organizational Analysis Graduate Certificate

Requirements

Code	Title	Units
Certificate Requirements		
PSOG-505	Introduction to Psychology and Behavior In Organizations	3
PSOG-510	Specialization: Training/Develop in Org	3
PSOG-515	Applied Research and Critical Analysis	3
PSOG-615	Performance Management and Employee Engagement	3
PSOG-720	Professional Development Workshops (Multiple Topics, 2 workshops required)	2
Total Units		14

Graduate Programs in Religion

Mission: The graduate programs in religion 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 church 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 Christian denominations and backgrounds.

The mission of graduate studies in religion 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:

GPR — Graduate Programs in Religion
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 Religion 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 real-world 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

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 GPR. 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 GPR.

Students who qualify to move from provisional to regular standing should contact the GPR 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 GPR. 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 GPR 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 sixteen (16) 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.

International Students

International students are required to complete the admissions process for acceptance by the University and submit a Certification of Finances form to confirm sufficient financial resources to cover tuition and related expenses (fees, books, living expenses, and return fare home). Also, one year tuition, health insurance and fees must be deposited with the University before a Certificate of Eligibility (for non-immigrants "F-1" Student Status — form I-20) is issued. International students must maintain nine (9) graduate level credits of non-repeatable courses each semester and renew the I-20 forms annually for any travel outside of the United States.

In rare cases, international students may have difficulty obtaining documentation for their previous academic work. These students may be admitted to the program with the understanding that they cannot advance to candidacy until the proper documentation is either obtained or formally waived by action of the admissions committee.

All students need to be fluent in English to follow course lectures and complete their written assignments. The Graduate Admission Office 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 and a minimum score of 79 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. Students who have not mastered English but are granted admission may need to enroll in English and composition classes and employ (at prevailing rates) an editor to assist in the completion of their written work.

Scheduling Patterns

Many graduate students are adult learners who work full time. Therefore, GPR 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 are scheduled for several weekends during a given semester. In most cases, students should be able to carry a full load, and still limit travel time to and from class. 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 nine (9) units.

Spring Semester

The Spring semester is generally scheduled from mid-January to early May. Full-time status is a minimum of nine (9) 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 six (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 University Policies.

Program Policies

The following policies apply to all degrees offered in the Graduate Programs in Religion. 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 Religion. Every effort will be made to resolve the discrepancy. If the student is not satisfied, any formal decision made by the GPR 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 nine (9) units or more per semester. Taking more than nine (9) units per semester will require permission from the GPR 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 GPR 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 (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".

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 GPR Office.

Classes that are offered throughout the entire semester and are dropped during the first two weeks of the semester are not entered on the transcript. Classes dropped subsequently and up to the end of the eighth 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."

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 Change Policy

See Grade Change Policy in University Policies.

Grade Appeals

See Grade Appeals section in University Policies.

Leave of Absence Policy

Should personal matters prevent the student from taking any courses for up to one calendar year , he or she must complete a Leave of Absence form to maintain active standing in the program, and to avoid the inconvenience of readmission.

Even with one or more semesters on leave of absence, the limit of 8 years for the M.A.T degrees still applies.

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.

Medical Leave of Absence Policy

The University recognizes that students may experience a physical or mental health medical situation that significantly limits their ability to function successfully or safely in their role as students. In such situations, students should consider requesting a medical leave, which permits students to take a break from University life and their studies, so that they may receive treatment and later return to the University with the opportunity to achieve their academic and co-curricular goals.

A request for a medical leave of absence must be made with the Disability Services Office. Each medical leave request is individualized, and handled on a case-by-case basis, based on the needs of the student. Upon exit and reinstatement to the University, the student must have adequate medical documentation from a licensed health care or mental health care provider. A medical leave can be granted for up to two consecutive semesters.

Compassionate Leave of Absence Policy

A compassionate leave of absence request may be made and considered for compelling reasons for students who find it necessary to interrupt their studies temporarily. A compassionate leave may be taken for circumstances related to the care of a seriously ill parent, child or spouse, financial or academic difficulties, or other situations that may prevent the student from continuing in classes. A request for a compassionate leave of absence must be made with the Disability Services Office. Each compassionate leave request is individualized, and handled on a case-by-case basis, based on the needs of the student

Military Leave of Absence Policy

See Military Leave of Absence Policy in Graduate Studies section.

Re-admission to the Program

If the student has been absent from the GPR for one or more semesters and does not have a current Leave of Absence form on file, he or she must submit an "Application for Re-admission" with the GPR Office. There is a fee for re-admission. Students must meet any new graduation requirements that have come into effect at the time of their re-admission. Students must also submit transcripts (if any) from other institutions while absent from 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:

Step One: 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

Step Two: 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.

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 GPR 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. and M.A.L.S. 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 GPR Office.
6. Submit a copy of the approved prospectus with the GPR 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 GPR Office.
8. Complete the directed reading in consultation with the Chair, and submit a copy of the final synthesis paper with the GPR 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 GPR Office
6. File a copy of the approved prospectus with the GPR 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 GPR Office.
8. Defend the exit option when the committee agrees that it is complete enough to defend.

Step Three: Application for Graduation

Students must file an application for graduation with the GPR 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 GPR 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 GPR 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.

Commencement

Consult the university calendar for the exact date and time.

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.

Programs

- Leadership Studies M.A. (p. 221)
- Theology M.A. (p. 222)

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.

OTG-504 Beginning Hebrew II 4 Credits
A continuation of Beginning Hebrew I. Offered alternate years.

OTG-505 O.T. Life and Literature 3 Credits

OTG-506 Advanced Hebrew I 2 Credits

OTG-507 Advanced Hebrew II 2 Credits

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.

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.

OTG-520 Current Issues/Old Testament 3 Credits

OTG-521 Apocalyptic Literature 3 Credits

OTG-530 Kingdom/God-Old Testament 3 Credits

OTG-535 Moral Issues/Old Testament 3 Credits

OTG-540 Seminar: 3 Credits

OTG-541 Seminar: 3 Credits

OTG-542 Seminar: 3 Credits

OTG-546 Semitic Languages: 3 Credits

OTG-547 Semitic Languages II 3 Credits

OTG-550 Independent Study/Old Test. 1-3 Credits

OTG-562 Selected Themes/OT Theology 2-4 Credits

OTG-566 Introduction to Judaism 4 Credits

OTG-570 Special Topic: 1-3 Credits

OTG-572 Old Testament Theology 3 Credits

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

OTG-584 Bibl Theo of Pwr,Wlth & Prosp 4 Credits

OTG-586 Bibl Theo/Power,Wlth,Prosper 3 Credits

OTG-625 Current Issues/O.T. Studies 3 Credits

OTG-630 Kingdom of God/Old Testament 3 Credits

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.

OTG-632 Intermediate Hebrew II 3 Credits
A continuation of Intermediate Hebrew I. Offered alternate years.

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.

OTG-650 Independent Studies/O.T. 1-4 Credits

OTG-670 Special Topic: 1-3 Credits
Study in a special topic in Old Testament.

OTG-680 Individual Study in Old Testament 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. Up to a maximum of four units may be applied toward the degree requirements.

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.

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.

New Testament

NTG-501 Advanced Greek I 2 Credits

NTG-502 Advanced Greek II 2 Credits

NTG-503 Beginning Greek I 4 Credits
An introduction to Greek grammar, vocabulary and syntax for the graduate student. Offered alternate years.

NTG-504 Beginning Greek II 4 Credits
A continuation of Beginning Greek I.

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.

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.

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.

NTG-550 Independent Study/New Testament 1-3 Credits

NTG-552 New Testament Theology 3 Credits

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.

NTG-632 Intermediate Greek II 3 Credits
A continuation of Greek I. Offered alternate years.

NTG-650 Independent Study in New Testament 1-4 Credits

NTG-670 Special Topic: 1-3 Credits
Study in a special topic in New Testament.

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.

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.

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.

Theology and Ethics

THOG-501 Found/Theological Studies 6 Credits

THOG-505 Intro to Theology & Ethics 3 Credits

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.

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.

THOG-515 Intro to Narrative Theology 3 Credits

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.

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.

THOG-532 Women in Ministry 3 Credits

THOG-533 Ldrshp/Context Urban Min. I 3 Credits

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

THOG-552 New Testament Theology 3 Credits

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.

THOG-562 Selected Themes/Ot Theology 2-4 Credits

THOG-565 Christianity and Society 3 Credits

THOG-567 Beauty and the Christian Life 3 Credits

THOG-570 Special Topic: 1-3 Credits

THOG-572 Old Testament Theology 3 Credits

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

THOG-584 Bibl Theo of Pwr,Wlth & Prosp 4 Credits

THOG-586 Bibl Theo/Power,Wlth,Prosper 3 Credits

THOG-589 C.S. Lewis II 3 Credits

THOG-590 Seminar: 1-3 Credits

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.

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.

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, post-Christian context.

THOG-650 Ind. Studies: Theology and Ethics 4 Credits

THOG-670 Special Topic: 1-3 Credits
Study in a special topic in theology and ethics.

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.

THOG-690 Seminar: 1-3 Credits

Leadership Studies

CLSG-502 Intro/Grad Stud/Ldrsh/Hisp Pas 3 Credits

CLSG-505 Intro/Church Ldrshp Studies 4 Credits

CLSG-508 Foundations/Leadership Studies 3 Credits

CLSG-515 Church/Contemp. Moral Issues 3 Credits

CLSG-518 Church Leadership Mgt Theory 3 Credits

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

CLSG-523 Sociology of Religion 3 Credits

CLSG-524 Pentecost-Charismat Mvmnts 3 Credits

CLSG-525 Prin/Church Revitzn/Grth 3 Credits

CLSG-526 Small Group Ministry 3 Credits

CLSG-528 Current Issues/Latin America 3 Credits

CLSG-530 Adv. Pastoral Counseling 3 Credits

CLSG-532 History of Pentecostalism 3 Credits

CLSG-535 Issues/Pastoral Leadership 3 Credits

CLSG-538 Church Financial Admin. 3 Credits

CLSG-545 Lay Ministry Development 3 Credits

CLSG-546 Parables for Preaching 3 Credits

CLSG-550 Independent Study/Church Ldshp 1-3 Credits

CLSG-554 Prin/Meth/Inter-Cult. Ministry 3 Credits

CLSG-555 Theol Educ/3rd World 3 Credits

CLSG-556 Current Issues/Youth Ministry 3 Credits

CLSG-557 Church Growth 3 Credits

CLSG-564 Religion/Culture/Latin America 3 Credits

CLSG-565 Leadership Dev/Cultr Context 3 Credits

CLSG-566 Introduction to Judaism 4 Credits

CLSG-570 Special Topic: 1-3 Credits

CLSG-585 Current Issues in Missiology 3 Credits

CLSG-586 Relign,Crisis/Change/Latin Am 2-4 Credits

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.

CLSG-605 Church/Theology Perspective 3 Credits

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.

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.

CLSG-610 Appreciative Inquiry 3 Credits

CLSG-611 Leadership and the New Science 3 Credits

CLSG-615 Church/Contemp Moral Issues 3 Credits

CLSG-618 Church Leadership Mgt. Theory 3 Credits

CLSG-620 Change in Christian Organiztns 3 Credits

CLSG-621 Mission/Mrktg/Chrstn Organiztn 3 Credits

CLSG-622 Team Development and Conflict Management 3 Credits

CLSG-623 Marketing in Christian Organzt 3 Credits

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.

CLSG-625 Prin/Church Revitzn & Renewal 3 Credits

CLSG-626 Soul and Spirit of the Leader 3 Credits

CLSG-627 New Forms of Preaching in a Postmodern World 3 Credits

CLSG-630 Pastoral Counseling/Chrstn Org 3 Credits

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.

CLSG-635 Iss/Pastoral Leadership 3 Credits

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.

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.

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.

CLSG-650 Indep Studies/Church Leadershp 1-4 Credits

CLSG-655 Theo/Educ/Third World 3 Credits

CLSG-665 Leadership Dev/Cultr Context 3 Credits

CLSG-670 Special Topic: 1-3 Credits
Study in a special topic in leadership studies.

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.

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.

CLSG-705 Church/Theol Perspective 3 Credits

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.

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.

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.

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.

CLSG-780 Ind. Stud: 1-3 Credits

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.

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

RELG-596 Research Methodology 3 Credits

RELG-597 Master's Project 3 Credits

RELG-598 Master's Thesis 3 Credits

RELG-599 Cont Reg: Master Study 1 Credit

RELG-650 Directed Reading 3 Credits

RELG-680 Ind Studies: 1-4 Credits

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.

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.

RELG-695 Directed Reading 3 Credits

RELG-696 Research Methodology 3 Credits

RELG-697 Master's Project 3 Credits

RELG-698 Master's Thesis 3 Credits

RELG-778 OCMS Thesis Proposal 4 Credits

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.

RELG-790 Exit Option Design/Proposal:Bib Studies 3 Credits

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.

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.

RELG-795A Directed Reading 4 Credits

RELG-796 Research Methodology 2 Credits

RELG-797 Master's Project 3 Credits

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.

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.

RELG-799A Cont Reg: Master's Study 1 Credit

Leadership Studies M.A.

Mission

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 real-world 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.

Program Learning Outcomes

- *Leadership practices:* Students will apply leadership principles and theory, theological reflection, and critical thinking skills in order to creatively impact organizations and their environments.
- *Intercultural competence*: Students will apply the intercultural and communication skills necessary to lead in partnership with people of other cultures and contexts.
- *Ethical decision making:* Students will analyze and apply tools of ethical reasoning and decision making to ethical dilemmas in specific contexts of leadership, life, and ministry.
- *Spirituality*: Students will formulate and present a theological framework of spirituality in relation to character development and the soul care of leadership.

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 four-point 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 nine (9) 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 27 units at VU is required of all students in the M.A. degree program, or 30 units if the directed reading exit option is chosen. All core courses must be taken at VU.

The Academic Program of the M.A.L.S.

The curriculum is composed of 11 required Leadership courses (33 units), 6 one unit Special Topic Workshops (6 units), and 1-2 Exit Option courses (3-6 units) depending on the Exit Option type chosen. Students choosing the Integrative Seminar (3 units) as the Exit Option will complete a total of 42 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, bringing the program total to 45 units.

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
CLSG-601	History of Spirituality	3
CLSG-606	Spiritual Formation	3
CLSG-607	Spiritual Direction	3
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
Special Topics		
CLSG-670	Special Topic: (Six 1 unit workshops)	6
Exit Option		
Select one of the following options:		3-6
Option One:		
RELG-693	Integrative Seminar	
or RELG-791	Exit Option Design/Proposal:leadership	
RELG-795	Directed Reading	
Option two:		
RELG-795	Directed Reading	
or RELG-791	Exit Option Design/Proposal:leadership	
RELG-798	Master's Thesis	
Total Units		42-45

Theology M.A.

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

Outcomes

- Students will gain competence in theology by reflecting on its classical topics in light of their historical developments and contextual challenges.
- Students will develop competence in biblical theology and Scriptural interpretation.
- Students will develop competence in applied theology through the study of ethics, leadership and ministry in various contexts.

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.

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	Units
Core Course Requirements		
THOG-510	Systematic Theology: Christology, Anthropology, Soteriology	3
NTG-552	New Testament Theology	3
OTG-572	Old Testament Theology	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
OTG-690	Seminar in Old Testament	3
NTG-542	Christology in the New Testament	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		12
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 Ministries	
FERG-530	Field Education in Pastoral Leadership Ministries	
Exit Option		
Select one of the following options:		3-6
RELG-693	Integrative Seminar	
RELG-791 & RELG-795	Exit Option Design/Proposal:leadership and Directed Reading	
RELG-791 & RELG-798	Exit Option Design/Proposal:leadership and Master's Thesis	
Total Units		48-51

THE SCHOOL FOR PROFESSIONAL STUDIES

Mission: The School for Professional Studies at Vanguard University serve life-long learners throughout their educational journey. The structure and format of the degree programs make 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.

General Information

In addition to graduate degrees, the School for Professional Studies (SPS) offers programs of study leading to a Bachelor of Arts degree in Business, with an emphasis in Organizational Management; Psychology with an emphasis in Human Development; and Religion, with an emphasis in Ministry and Leadership. A Bachelor of Arts in Early Childhood and a Bachelor of Arts in Early Childhood with an emphasis in Special Education are offered online, as well as a Certificate in Early Childhood, and a Certificate in Transitional Kindergarten. The Department of Sociology also offers a Certificate in Anti-Human Trafficking through Professional Studies. All courses are offered either one night per week (6:00 p.m. to 10:00 p.m.) or online. Each course meets in accelerated 5 to 8-week formats and the on-campus courses generally meet once each week throughout the year. 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 Coordinators help each student navigate through the various aspects of the university as well as assist each student in individual academic planning.

Academic Calendar

The School for Professional Studies programs operate on a year-round, semester basis. Courses begin at various intervals throughout the year. Upper division cohort groups are given a schedule which indicates the dates the group will meet over a given period of enrollment. Click here (p. 5) to access the academic calendar.

Degree Program Registration and Orientation Date

Orientations are held on the Thursday prior to the beginning of the first and second modules of each 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 *University Policy* and *Academic Information* sections of the catalog for additional information in institutional policies.

Admissions Information

Admission Requirements

- Proof of High School graduation/GED
- 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 are sealed by the Registrar at the requested university and must be received from each institution attended, regardless of academic performance or granting of credit) and official entrance interview

Students wishing to take courses must meet the 57 unit prerequisite. Exceptions for starting upper division coursework with fewer than 57 units must be approved by the Chair of the desired degree program.

All applicants meeting the above-stated admission requirements will be considered by the Admission Committee. 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. 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 at on the SPS page of the University's website at http://www.vanguard.edu

Completed application files are forwarded to the Admissions Committee for review. Students accepted into Vanguard will be notified of their acceptance status via letter. The Admission Deadline for each cohort/group is two (2) weeks prior to the orientation 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 the academic programs
- Beginning dates for groups
- Meeting the needs of the working professional
- Application procedures
- Questions and answers
- Financial matters, such as:

- Employer reimbursement
- Loans and grants
- Payment schedules

Office hours are Monday-Thursday: 8 a.m.-6:30 p.m. and F: 8 a.m.–5 p.m. (Pacific Time).

International Students

International students must complete the same admission process as other students and must submit:

On-Campus Students

- Financial Certification. Vanguard University does not offer financial aid to international students. Therefore, applicants must provide satisfactory evidence that adequate funds are available to meet the financial obligations required at the time of enrollment. A Financial Statement and Affidavit form must be filled out and must include bank statements that show sufficient funds available to cover one year of tuition and expenses. The bank statement must be in U.S. dollars. Forms related to this process are available in the Admissions Office.
- Deposit: 70% of annual direct cost for the first year of attendance is required before registering for classes.
- English Proficiency: TOEFL (Test of English as a Foreign Language) – all international students whose native language is other than English are required to present scores for the TOEFL, a minimum of 60 college units (taught in English) or SAT/ACT scores.
- Appropriate Visa documentation: International student applying within the U.S. must submit copies of their visa, I-94, and if on a student visa, copies of their I-20 A-B Form.
- Transferring from another institution within the U.S.: To become eligible for transfer to VU from another American college, approval must be obtained from the previous school attended and the U.S. Immigration and Naturalization Service.
- Transferring from another institution outside of the U.S.: Transferring any units from a university or seminary overseas, all transcripts must be submitted to an agency that evaluates transcripts. All transcripts should be an English translation, and must be notarized by the U.S. Consul or notary, or another authority.
- Student Visa: F-1 International students must sustain full-time student status, maintaining a minimum of twelve (12) units each semester.
- Non Student Visa: Those currently in the U.S. on a visa other than an F-1 student visa (M-1, J-1, R-1, etc.) may take a maximum of eleven (11) per semester, attending classes only part-time.

Distant Learning/Online Students

- Financial Certification. Vanguard University does not offer financial aid to international students. Therefore, applicants must provide satisfactory evidence that adequate funds are available to meet the financial obligations required at the time of enrollment. A Financial Statement and Affidavit form must be filled out and must include bank statements that show sufficient funds available to cover one year of tuition and expenses. The bank statement must be in U.S. dollars. Forms related to this process are available in the Admissions Office.
- English Proficiency: TOEFL (Test of English as a Foreign Language) – all international students whose native language is other than English are required to present scores for the TOEFL, a minimum of 60 college units (taught in English) or SAT/ACT scores.
- Deposit: 70% of annual direct cost for the first year of attendance is required before registering for classes.

Re-Admitting Students

Students wishing to return to a Professional Studies program after withdrawing, being academically disqualified, or taking a leave of absence of one semester or more must submit a Re-Admit Application and the $20.00 re-admit fee, along with official transcripts (sealed by the requested university) 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 centers of the university. Upon notice of approval, the student may proceed with academic and financial registrations. Readmitted students may be subject to new degree requirements. Should a student be denied re-admission, the respective department Chair in conjunction with the Dean may place conditions on possible readmission.

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

A limited number of students who have not met the admission requirements may be admitted as “Provisional” students. Students admitted provisionally are 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 will be eligible for limited financial aid (no institutional aid). Select provisional students may be accepted under specific circumstances set forth by the respective department Chair. These provisions are at the discretion of the Chair in conjunction with the Dean.

Regular-Standing Students

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

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 online at https://www.vanguard.edu/admissions/professional-studies (https://www.vanguard.edu/admissions/professional-studies/). 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 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.

Academic Credits

Credit is granted in semester units and each course is normally three to five units of credit. Refer to University Polici *(*p. 12*)es* for more information.

Credit Hour Policy

Professional Studies programs are delivered in an accelerated format. Accelerated means that each course contains the equivalency of forty hours of instruction; but compressed into five to eight weeks instead of the traditional fifteen weeks. This means that students essentially triple the pace of coursework, completing the same amount of work in one third of the time. This schedule is not for everyone. It is however, ideal for students who are highly motivated, self-directed, and extremely disciplined with their own time management. It is also expected that students will invest four hours outside of class for every contact hour. *(See Credit Hour Policy under* University Policies *(*p. 12*))*

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. The Office of the Registrar will produce all official degree evaluations. Evaluations are completed as new transcripts are received. Once students have received an updated official evaluation or viewed it on their MyVU portal, they may review and request clarification on anything they may find unclear or questionable. Official academic evaluations are provided by the Office of the Registrar.

Credit by Examination (maximum: 24 units)

The University offers several means by which you might earn credit. These include:

- College Level Examination Program (CLEP)—a national set of exams on selected topics offered on a regular schedule.
- Advanced Placement (AP) Examinations—a national set of exams to substitute for specified VU courses.
- Defense Activity for Traditional Educational Support (DANTES)—introductory college-level courses in more than 50 disciplines designed to help military personnel complete college credits.

Straighterline (maximum: 30 units)

Straighterline offers self-paced computer guided courses that can transfer to the University to satisfy select lower division general education and elective requirements.

Degree Completion

Students are allowed twelve 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 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.

Diplomas

Students completing the requirements will receive the Bachelor of Arts or Bachelor of Science Degree. Diplomas will not be issued to any student whose Vanguard account is not paid in full or whom Federal Perkins Loan is delinquent.

Prior Learning Assessment

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

Academic Information

Academic Integrity and Classroom Conduct

Academic dishonesty is considered 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. It is the prerogative and responsibility of the instructor to determine if academic dishonesty has occurred and the seriousness of the infraction. The Office of the Provost is to be notified of instances of academic dishonesty. Information on the Academic Integrity and Classroom Conduct *(p. 38)* is available under Academic Policies.

Computer Usage: Student Guidelines

(Excerpted from the Vanguard University Student Handbook)

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 university-related 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, e-mail 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.

Course Attendance

Due to the concentrated scheduling and the emphasis upon participatory learning, students need to be in attendance every week. Students who miss more than one class meeting (or more than five class hours) in any given course will automatically receive a failing grade and need to retake the course to obtain a passing grade. If an instructor deems that a student's second absence was under extremely unavoidable and unusual circumstances (i.e., an auto accident), the professor may file an academic petition on behalf of the student to the Dean. If the academic petition is approved, the student will be given a "W" (Withdrawal) in place of a failing grade. The student will still be required to retake the course.

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 must notify their coordinator if they knowingly desire to drop a course (the course must be then taken at a later date). Dropping courses will have financial aid implications. Be sure to discuss the decision with your Student Success Coordinator and a Financial Aid Counselor. Student using G.I. Benefits or Tuition Assistance Funds (TA), should consult with the University's VA Certifying Official (VeteransCertifyingOfficial@vanguard.edu) prior to dropping a course.

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	**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	**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)

(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.

Standard Drop Policy (Online Courses)

Students must contact the SPS Office in writing of their intention to drop. Unless written notification is received the student will remain officially registered in the class/classes 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 will not be automatically dropped from the remaining sessions unless written notice is provided. If a student chooses to switch a class from one session to another, this is the same 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.

Students who wish to drop must include the following information in their drop request: semester date and class/classes they wish to drop as well as their full name and contact information. Students who email their drop requests are advised to make a copy of the email with date and time stamp as well as receiver confirmation (if possible). Students should also confirm with their respective Student Success Coordinator the following VU work 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 plenty of time for it to reach the Professional Studies office before the beginning of the course session. Vanguard University is not responsible for drop requests sent via email that are routed incorrectly and result in non-receipt of the request by the SPS Office.

Five to Seven Week Classes	**Academic Action**
Prior to 11:59 P.M. (PT) on Sunday before Week 2	Complete drop off record
After 2nd class and prior to 11:59 P.M. (PT) on Sunday before Week 4 (Withdrawal)	"W" recorded
After 11:59 P.M. (PT) on Sunday before Week 4 (Withdrawal Failing)	"WF" recorded

Enrollment Certification for G.I.Benefits and Tuition Assistance Funds (TA)

See Veterans Enrollment Certification and Benefits *(*p. 43*) section in University Policies.*

University Leave of Absence and Withdrawal Policy

Information on the *University's Leave of Absence and Withdrawal Policy* can be found under Academic Information.

Military Leave of Absence Policy

Military Leave is available for Veteran students 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 consecutive semesters. Veteran students on military leave are not regarded as having permanently withdrawn and need not apply for readmission. Military leave information can be found on the *Veteran Enrollment Certification and Benefits* page under Academic Information.

Grade Appeals

See Grade Appeals section in the Academic Information *(*p. 40*) section of the catalog.*

Incomplete Grades

See Incomplete Grades section in the Academic Information *(*p. 40*) section of the catalog.*

Grade Change Policy

See Grade Change Policy section in the Academic Information *(*p. 40*) section of the catalog.*

Course Repeat Policy

See Course Repeat Policy section in the Academic Information (p. 40) *section of the catalog.*

Grade Reports

See Grading System section in the Academic Information (p. 40) *section of the catalog.* Students are required to receive a "C" or better in their upper division writing course MILD-364 Crit.Thinking & Writ. for Min., PSYD-367 Writing and Research Skills in order to fulfill writing requirements for graduation. A student receiving a C- or lower must retake and complete the upper division writing course with a C or better to be granted his/her degree. NOTE: These upper division courses should be repeated as soon as possible. Only continuing education or professional development courses may be offered with Credit/ No Credit grading.

Graduation Requirements

To graduate with a Bachelor's Degree, students must:

1. Complete all coursework in prescribed major.
2. Complete a minimum of 120 semester hours as required by your respective academic program.
   a. At least one-half of the major units must be completed at Vanguard.
   b. At least 40 units of coursework must be upper division.
3. Have a cumulative grade point average of 2.0 or above for work taken at VU.
4. Complete the General Education Requirements (or transfer equivalents) as stated in the Official Evaluation provided by the Office of the Registrar.
5. Submit an application for graduation to the Office of the Registrar no later than the beginning of the term in which graduation is anticipated.

Commencement Participation

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 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. Additional information on degree requirements for graduation and academic honors (p. 42) can be found under the Academic Information section of the catalog.

Honors

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. Students must complete a minimum of 45 units at Vanguard to have honors recorded on their transcript and diploma. Students who have completed, by the end of the Fall semester, no fewer than 36 units (bearing letter grades) at Vanguard may 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. Additional information on degree requirements for graduation and academic honors (p. 42) can be found under the Academic Information section of the catalog.

Student Honor Societies

Student 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 in the Professional Studies programs may be accepted into the University's chapter of the following honor societies:

- Psi Chi - Psychology
- Sigma Beta Delta – Business
- Sigma Theta Tau – Nursing

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 nine units during the probation period. A student's official transcript may reflect academic probation following a full semester in which a student's current or cumulative grade point average drops below a "C" average (2.0). This academic standing will remain on the transcript unless the student receives a change of grade prior to the end of the following semester. Academic probation will continue for the student until the current and cumulative GPA's are raised to 2.0.

Academic Disqualification

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

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

If the student's current GPA is 'C' average (2.0) or higher, but the cumulative remains below a "C" average (2.0), the student will remain on Academic Probation status until both the current and cumulative GPA are above a "C" average (2.0).

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 Program 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 letter. Decisions may be appealed to the Dean and then to the Office of the Provost.

Students who have been readmitted to the program after a disqualification will be admitted on probation and will have their status reviewed at the end of the semester in which they return. Students who have achieved a current and cumulative 2.0 GPA or who have received a grade of "B" or better in each course taken during the probationary or disqualification term 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: Often registration for subsequent terms occurs before completed grades for the previous term are submitted by instructors. Students are advised that they may acquire Immediate Probation or Immediate Disqualification status from the previous term well after starting their new term. Students in jeopardy of Immediate Disqualification should register for the next term at their own risk. Should Immediate Disqualification occur the student will be dropped from all subsequent courses.

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.

Transcript Requests

Student requests for transcripts of their course work may be made through the website of the Office of Registrar at https://www.vanguard.edu/academics/registrar/transcripts (https://www.vanguard.edu/academics/registrar/transcripts/). A fee for each transcript is required, payable at the time of request. All records are withheld from students who have any outstanding financial obligations to the University or have defaulted on a Federal Perkins Loan. Transcripts will be issued only after all financial obligations are settled with the University. Transcript orders are generally sent within 5-7 business days. A rush order will be processed within 48 business hours for an extra fee. Transcripts issued contain only course work completed at Vanguard University.

Writing Standards

Writing standards are introduced to all Professional Studies students in CORE-110 Vanguard Foundations of College Writing I. Students are expected to adhere to VU writing standards immediately.

At the very least, VU 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.

Books and Materials

Books required for courses are available from the Vanguard University Bookstore on campus. Students may also order books online by accessing http://www.bkstr.com/vanguarduniversitystore/home/en (http://www.bkstr.com/vanguarduniversitystore/home/en/).

Costs and Payment Policies

Application Fee

Minimum Payment Due - on or before admission deadline:

- Payment of $45 Application Fee. (non-refundable)

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 and parents 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 (if applicable), please refer to the current course schedule. The University reserves the right to change tuition, fees, room and board charges (if applicable) 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.

Financial Registration

Financial Registration 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 financial registration purposes and selecting a semester payment option. **All students are responsible for completing Financial Registration by the published deadlines despite the receipt of an invoice, billing statement, or payment reminder**. Please refer to the Professional Studies online course schedules for deadline information.

Semester charges are payable on or before the published Financial Registration 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 Financial Registration deadline:

Option 1) Pay-In-Full: Pay the full amount referenced on your MyBill account by the published Financial Registration deadline.

Option 2) Semester Payment Plan: Pay your semester balance referenced on your MyBill account interest free in 4 monthly installments. Students must enroll in a semester payment plan by the published Financial Registration deadline at the beginning of each semester. 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 Financial Registration deadline. This document must be completed annually.

Please visit the following website for more information regarding Financial Registration: https://www.vanguard.edu/resources/accounting/professional-studies-financial-registration (https://www.vanguard.edu/resources/accounting/professional-studies-financial-registration/)

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/)). 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, transcripts, 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.

Transcripts

There is a minimal fee per transcript. For 24-hour service, additional fees may be charged. An official transcript 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.

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.

Refund Policies

The following refund policies apply to the Professional Studies programs. For traditional undergraduate and graduate refund policies, see the Undergraduate and Graduate catalog sections.

Tuition Refunds

Tuition refunds will be generated for withdrawal from the University or course load reduction when an official withdrawal form or an official add/drop form is 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 following tuition refund schedule:

5-7 Week Course Schedule

Date	Refund Percent
Prior to the Second Course Meeting Date	100%
Prior to the Third Course Meeting Date	50%
Prior to the Fourth Course Meeting Date	25%
After the Fourth Course Meeting Date	0

8-10 Week Course Schedule

Date	Refund Percent
Prior to the Second Course Meeting Date	100%
Prior to the Fourth Course Meeting Date	50%
Prior to the Fifth Course Meeting Date	25%
After the Fifth Course Meeting Date	0

8 Week ONLINE Course Schedule

Date	Refund Percent
Prior to 12:00 am on Sunday of Week 2	100%
Prior to 12:00am on Sunday of Week 4	50%
Prior to 12:00am on Sunday of Week 5	25%
After 12:00am on Sunday of Week 5	0

The refund schedules apply to all tuition, fees, room and board charges (if applicable). 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 Professional Studies Office or 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.

Note: Students who are automatically dropped from courses will receive a full refund. Please see Drop Policy for more information.

Other Fees

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

Student Account Credit Balances

Students who have a credit balance on their account are eligible to receive a credit balance disbursement/refund. The 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 the student's 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 Accounting Office website (https://www.vanguard.edu/resources/accounting/professional-studies-financial-registration/) for more information.

Office of Accounting Operations Information

Location:
1st Floor of the Scott Academic Center, Suite 131
Office/Cashier Hours:
Monday- Friday, 8 a.m. to 5 p.m.

24 hour online bill payment: MyBill

Contact Information:
Email: AccountsReceivable@vanguard.edu
Phone: (714) 966-5489
Fax: (714) 662-5233
Website: https://www.vanguard.edu/resources/accounting (https://www.vanguard.edu/resources/accounting/)

Financial Aid

See Financial Information (p. 18) *section of the catalog.*

Degree Programs

On-Campus Instructional Courses

Courses are scheduled to meet the needs of working professionals. Courses are held from 6:00 p.m. to 10:00 p.m. one night per week, or fully online. Occasional Saturday meetings may be required. Students enrolled with a Major cohort receive a calendar for their cohort's entire program of study. This allows students to plan ahead. Students in General Education, Certificate Programs Associates' Degree and Special Interest classes may have various schedules from which to choose.

General Education Core and Elective Courses On-Campus and Online

General Education Core and Elective Courses are offered each semester through the School for Graduate and Professional Studies. Students should register at the designated/published registration times for semester courses. Notification of courses is made available each term. Prior term tuition and fee balances must be paid in full to register. Additional financial aid must be approved through the Financial Aid Office. Each course extends 5-8 weeks in length. Additional lab fees may also be required. Students enrolled in at least 6 units may be eligible for Financial Aid.

General Education and Elective Course Descriptions

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)

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. Lab fee required. (meets Physiology requirement for RN to BSN students; meets Science/Lab requirement for all other students)

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. Lab fee required. (meets a Science/Lab requirement).

BIOL-209 Principles of Microbiology 4 Credits
An introduction to the study of micro-organism: their occurrent and importance to humans. Major concepts of general microbiology are discussed, including prokaryotic and eukaryotic cell types: structural organizational 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 organism that causes these diseases.

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.

BUOM-205 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.

BUOM-440 Entrepreneurship: Formation/New Ventures 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.

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, organi, and biochemistry. The following topics will be surveyed: mater and engergy, atomic theory, stoichiometry, nomenclaure, the periodic table, atominc structure, gas liquid and solid states, solutions, neclear chemistry, functional groups, alkanes, alkenes, alcohols, ethers, aldehydes, ketones, amines, carboxylic acides, 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 nusing discipline), writing and interpreting chemical formulas, DNA replication, transciprtion and translation. In addition, the student should devlop an appreciation for the importance of chemistry in other disciplines. (Meets Chemistry requirement for RN to BSN students; meetts Science/Lab requirement for Professional Studies students). Also meets Lab CORE Science Requirement for the tranditional undergraduate student when taken with CHEM-201CL.
Prerequisite: BIOL-205 or BIOL-210

COMM-201 Speech Comp/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.

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)

COMM-290 Intro/Interpers 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.

CORE-110 Vanguard Foundations of College Writing I 3 Credits
Covers reading comprehension, technology and writing, and sentence-level (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.)

ECED-109 Infant/Toddler 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 will be discussed. Social, cognitive, physical, and sensory motor behavior patterns will be 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 will be emphasized. (meets elective credit requirement) *Only available online.

ECED-121 Admin/Early Educ Programs I 3 Credits
Application of the basic principles for the establishment, operation, supervision and evaluation of a preschool/ daycare program will be examined. This includes an overview and history of ECE programs, philosophy development, licensing standards, and assessment of management techniques. Christian philosophy and development will be integrated. This meets the minimum licensing course requirement for operating a licensed daycare program. (meets elective credit requirement) *Only available online.

ECED-123 Admin/Early Educ Programs II 3 Credits
Application of advanced principles for the ongoing operation, supervision and evaluation of a preschool/ daycare program will be 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 will be discussed. Christian philosophy and development will be integrated. This meets the minimum licensing requirement for operating a licensed daycare program. (meets elective credit requirement) *Only available online.

ECED-139 Adult Supervision/Mentoring 3 Credits
This course will cover the methods and principles of supervising adults who are teachers, assistants, or volunteers in early childhood classrooms. Emphasis is 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. (meets elective credit requirement) *Only available online.

ECED-150 Spiritual Formtn/Young Childrn 3 Credits
This course will further 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 towards an intimate relationship with God will be discussed. Particular emphasis will be placed on relationship, experience, and practice of the spiritual disciplines that create the context for spiritual formation to occur. A systematic approach will be given that lays the foundation for regular practices in the classroom. The relationship between the church, home, and the early education program will be explored as the foundational environments where spiritual transformation is developed. *Only available online.

EDUC-100 Intro/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 will be addressed. Career opportunities and expectations for teachers will be discussed. Students will be encouraged to assess and reflect upon their own educational experiences, skills, and learning styles as they interact with current practitioners and education literature. Students will 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.

EDUC-315 Teaching/Multicultural Setting 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 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. PREREQUISITE: Liberal Studies majors must complete EDUC-100 prior to taking this course.ÿLab fee.
Prerequisite: EDUC-100

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)

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-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)

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.

ENGL-350 Creative Writing 3 Credits
Students learn and implement the basic techniques and theory specific to the three genres: fiction, poetry, and drama. Lecture and workshop combined.
Prerequisite: ENGL-220C

HIST-275 Topics in American History 3 Credits
A study of five periods in American history emphasizing the development of a distinctive American culture.(meets Social Science requirement)

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.

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)

MATH-106 Business Math 4 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)

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)

MNGT-425 Career Transitions: Landing Your Ideal Job 3.0 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-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.

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)

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).

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.

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. (meets Social Science requirement)

PSCI-215 Fundamentals of Earth Sci 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)

PSCI-216 Fundamentals of Physical Sci 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)

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)

PSYD-220 Human Growth/Development 3 Credits
An exploration of human development across the lifespan (from conception through death). Examines human development through the biological, behavioral, cognitive, sociocultural, and spiritual perspectives. (meets Social Science 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. (meets Social Science requirement)

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)

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.
Pre- or Co-Requisite: MUST COMPLETE: PSYD-460

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. (meets Social Science requirement)

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. (meets Social Science requirement)

THEA-200 Intro to Theatre 3 Credits
An introduction to the study of theatre with focus on 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 core curriculum requirement in fine arts. (meets Humanities/Fine Arts requirement)

THEA-208 Playwriting 3 Credits
Introduces the social and philosophical theories that surface within playwriting, closely examining several landmark stage plays, each representing the various attitudes and values of its day. Styles, structural techniques, characterization and post-modernism in playwriting are some of the topics to be examined. Students will work to develop their own writing voice and produce their own original, creative work. Lab fee. (meets Humanities/Fine Arts requirement)

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)

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)

Note: Courses numbered 291, 292, 293, or 294 are lower division special topic courses.

Business, B.A.

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:

- See General Professional Studies Admission Requirements
- Full-time work experience preferred
- Completion of Application Process including forms, fees, and a professional resume.

Programs

- Business Administration, B.A. (p. 237)
- Business Concentration Options (All Majors) (p. 238)
- Business Major with a Concentration in Organizational Management (p. 239)
- Business Minor (p. 240)
- Management, B.A. (p. 240)

Business Administration, B.A.

Requirements

Code	Title	Units
General Educational Core Requirements		34-37
Business Core Requirements (p. 237)		21
Business Administration Prerequisite Requirements (p. 237)		12
Major Core Requirements (p. 238)		15
Electives or Concentration		35-38
Total Units		117-123

General Education Core Requirements

Code	Title	Units
English Composition [1]		6
Literature		3
Humanities/Fine Arts		6
Science (3u) with Lab (1u)		4
College Math [1]		3
Social Science		6
Religion		3
Business Writing/Communication OR Computer Applications		3
Career Transitions-Landing Your Ideal Job		0-3
Total Units		34-37

[1] English Composition and Math courses must be passed with a "C" or better to fulfill the core curriculum requirement.

Business Core Courses (All Majors)

Code	Title	Units
Upper Division		
MNGT-P310	Design Thinking and Innovation	3
BUSN-P316	Business Law	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	3
or BUSN-P481	Business Through Eyes of Faith	
BUSN-P478	Organizational Ethics	3
Total Units		21

Business Administration Major Prerequisite Courses

Prior to completing the Business Administration Major Requirements, students must successfully complete the following prerequisite courses:

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		12

Business Administration Major Core Courses

In addition to the Business Core Requirements and Prerequisites 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	3
Total Units		15

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.

Code	Title	Units
Business Concentration Options		12
Human Resource Management (p. 238)		
Leadership (p. 238)		
Management (p. 238) [1]		
Marketing (p. 238)		
Ministry Leadership (p. 239)		
Organizational Psychology (p. 239)		

[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 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	3
or MILD-473	Change Theory & Strategic Planning in a Christian Organization	
MNGT-P412	Leadership Theory and Practice	3
BUSN-P456	Business Strategy	3
Total Units		12

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 Management and Negotiations)	3
MNGT-P470	Special Topic in Management (Small Business Management)	3
or MNGT-P476	Human Resource Managment	
MRKT-P485	Strategic Marketing Management	3
MNGT-P411	Managing Organizational Change	3
or MILD-473	Change Theory & Strategic Planning in a Christian Organization	
Total Units		12

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	3
Total Units		12

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	3
MILD-460	Foundations-Christian Ethics	3
MILD-462	Management-Christian Organztns	3
MILD-473	Change Theory & Strategic Planning in a Christian Organization	3
Total Units		12

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	
PSYD-432	Social/Cultural Psychology	3
PSYD-352	Industrial/Organizational Psyc	3
Total Units		12

Business Major with a Concentration in Organizational Management

Requirements

NOTE: This academic degree program is currently being taught out and is no longer accepting applicants. Please see one of the other academic degree programs offered for Business in our accelerated degree program.

Code	Title	Units
General Education Core Requirements		40
Major Core Requirements (p. 239)		54-57
Electives		27-30
Total Units		121-127

General Education Core Requirements

Contact the School for Professional Studies for a list of potential courses.

Code	Title	Units
Vanguard Foundations of College Writing I		3
English Composition [1]		6
Literature		3
Humanities/Fine Arts		3
Speech Composition and Presentation		3
Science (3u) with Lab (1u)		4
College Math [1]		3
Science or Math [1]		3
Religion		3
Social Sciences		9
Total Units		40

[1] English Composition and Math courses must be passed with a 'C' or better to fulfill the core curriculum requirement.

Major Core Requirements

NOTE: Required courses which resulted in a grade of 'F' must be repeated. See BUOM-277 Business Writing for only exception. Courses can only be repeated once.

Code	Title	Units
Business (Organizational Management) Course Descriptions		
BUIS-457	Management Information Systems	3
BUOM-205	Computer Applications	3
BUOM-316	Business Law	3
BUOM-361	Organizational Communication	3
BUOM-372	Organizational Behavior	3
BUOM-277	Business Writing	3
BUOM-378	Research Methods	3
BUOM-456	Business Strategy	3
BUOM-464	Principles of Management	3
BUOM-470	Special Topic:	3
BUOM-471	Principles of Marketing	3
BUOM-472	Managerial Economics	3
BUOM-475	Financial Accounting	3
BUOM-476	Human Resource Managment	3
BUOM-477	Managing the Nonprofit Org.	3
BUOM-478	Organizational Ethics	3
BUOM-481	Business Through Eyes of Faith	3
BUOM-482	Managerial Accounting	3
BUOM-484	Financial Management	3

BUOM-485	Strategic Marketing Management	3
MNGT-425	Career Transitions: Landing Your Ideal Job	3

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 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	
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 BUSN, 3 units MNGT, 3 units MRKT		9
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		21

Management, B.A.

Requirements

Code	Title	Units
General Education Core Requirements		34-37
Business Core Requirements (p. 240)		21
Management Prerequisite Requirements (p. 240)		12
Major Core Requirements (p. 241)		15
Electives or Concentration		35-38
Total Units		117-123

General Education Core Requirements

Code	Title	Units
English Composition [1]		6
Literature		3
Humanities/Fine Arts		6
Science (3u) with Lab (1u)		4
College Math [1]		3
Social Sciences		6
Religion		3
Business Writing/Communication OR Computer Applications		3
Career Transitions - Landing Your Ideal Job		0-3
Total Units		34-37

[1] English Composition and Math courses must be passed with a "C" or better to fulfill the core curriculum requirement.

Business Core Courses (All Majors)

Code	Title	Units
MNGT-P310	Design Thinking and Innovation	3
BUSN-P361	Organizational Communication	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	3
or BUSN-P481	Business Through Eyes of Faith	
BUSN-P478	Organizational Ethics	3
Total Units		21

Management Prerequisite Courses

Prior to completing the Management Major Requirements, students must successfully complete the following prerequisite courses:

Code	Title	Units
Lower Division		
COMM-201	Speech Comp/Presentation	3
Marketing Course - Select any Introductory Marketing (MRKT) or equivalent course		3
Psychology Course - Select any PSYD or equivalent Psychology course		3

Select one course:		3
BUSN-P272	Managerial Economics	
Finance (FINC) or equivalent course		
Total Units		12

Management Major Core Course Requirements

In addition to the Business Core Requirements and Prerequisites for a Management Major, students must 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	3
Total Units		15

Early Childhood B.A.

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 development of children ages 0-8, but not limited to these ages, addressing diverse needs of individual child. The early education classes at Vanguard University meet the formal requirements for 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.

Requirements

Code	Title	Units
General Education Core Requirements		37
GE Electives		33
ECE Major Units		54
Total Units		124

Bachelor's Degree (BA)

Code	Title	Units
Total General Education Core Requirements		
Vanguard Foundations of College Writing I		3
English Composition [1]		6
Humanities/Fine Arts		6
College Math		3
Science (3) with Lab (1)		4
Religion		3
Social Sciences		9
Total GE Electives		32
Total EC Major Units (course descriptions follow)		
Major required courses		36
Major elective courses		18
Total Units		120

[1] English Composition course must be passed with a "C" or better to fulfill the core curriculum requirement.

Special Education Emphasis

Early Childhood students may choose to obtain a special education emphasis in their degree program by completing the following courses as part of the major elective course requirement: ECED-306 Exceptional Children: Teaching Language Arts, Math and Science for Students With Severe Disabilities, ECED-420 Principles of Applied Behavior Analysis: Autism, and ECED-425 Functional Assessment and Evaluation for Exceptional Learners.

Psychology B.A. with a Concentration in Human Development

Mission: The major in Psychology with a concentration in Human Development seeks to enhance students' understanding of human nature with an emphasis on human development across the life span from both a secular world view as well as a Christian perspective. The program 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 carefully evaluate others' research. The Psychology program prepares students for employment, especially in human service agencies, or for graduate study.

Requirements

Code	Title	Units
General Education Core Requirements		43
Majors Units		51
Electives		30
Total Units		124

Psychology Major with a Concentration in Human Development

Code	Title	Units
Total General Education Core Requirements		
Vanguard Foundations of College Writing I		3
English Composition [1]		6
Literature		3
Humanities/Fine Arts		9
Science (3) with Lab (1)		4
College Math		3
Science or Math		3
New Testament Survey, Foundations of Christian Life, or Introduction to Theology		3
Social Sciences		9
Major units in Degree Program		51
Electives		30
Total Units		124

[1] English Composition course must be passed with a "C" or better to fulfill the core curriculum requirement.

Religion B.A. with a Concentration in Ministry and Leadership

Mission: The Religion 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.

Requirements

Code	Title	Units
General Education Core Requirements		49
Major Units		51
Electives		24
Total Units		124

Religion Major with a Concentration in Ministry and Leadership

Code	Title	Units
Total General Education Core Requirements		
Vanguard Foundations of College Writing I		3
English Composition [1]		6
Literature		3
Humanities/Fine Arts		6
Science (3) with Lab (1)		4
College Math		3
Science or Math		3
New Testament Survey		3
Old Testament Survey		3
Introduction to Theology		3
Social Sciences		12
Major units in Degree Program		51
Electives		24
Total Units		124

[1] English Composition course must be passed with a "C" or better to fulfill the core curriculum requirement.

Professional Studies Minors

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. Students are reminded to inquire about Financial Aid availability, as courses above and beyond degree requirements may not be eligible for funding.

- Early Childhood Minor (p. 242)
- Liberal Studies Minor (p. 243)
- Psychology: Human Development Minor (p. 243)
- Religion Minor (p. 243)

Early Childhood 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 & Development	3
ECED-103	Child, Family & Comm/Social	3
ECED-106	Intro to Curric/Young Children	3
or ECED-405	Advanced Curriculum Design and Development in Early Childhood Education	
ECED-108	Prin/Pract/Teaching Young Chil	3
ECED-300	Guiding the Young Child's Behavior	3
ECED-320	Language and Literacy for Young Children	3

or ECED-400	Early Communication Skills and Literacy In Multilingual Communities	
ECED-460	Advanced Practicum I	3
or ECED-465	Advanced Practicum II	
Total Units		21

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 following courses are required to meet the 21 unit requisite. A minimum of 12 units must be taken at VU. For more information regarding this minor, please contact the Professional Studies Office.

Psychology: 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-220	Human Growth/Development	3
or PSYD-370	Childhood and Adolescence	
PSYD-265	Intro to Statistical Methods	3
PSYD-367	Writing and Research Skills	3
PSYD-436	Abnormal Psychology	3
Remaining courses (6 upper or lower division units) should be chosen in consultation with the Student Success Coordinator for Psychology.		6
Select one from the following recommended courses to fulfill one of the electives:		
PSYD-420	Behavior Modification	
PSYD-340	Biological Psychology	
Total Units		21

Religion Minor

Requirements

Requirements

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	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	
Total Units		21

Certificates

The Vanguard University Early Childhood program offers two certificate options: the Early Childhood Certificate and the Transitional Kindergarten Certificate.

Early Childhood students are from across the nation and world. It is the responsibility of the student to confirm with their local state licensing/ accreditation agency which ECE courses will meet the formal training requirements of that area, prior to registering with Vanguard University.

- Early Childhood Certificate (p. 244)
- Transitional Kindergarten Certificate (p. 244)

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 & Development	3
ECED-103	Child, Family & Comm/Social	3
ECED-106	Intro to Curric/Young Children	3
ECED-108	Prin/Pract/Teaching Young Chil	3
ECED-126	Teaching in a Diverse Society	3
ECED-132	Early Education Practicum	3
ECED-135	Health,Safety/Nutrtn/Young Chl	3
ECED-137	Observation and Assessment	3
ECED-150	Spiritual Formtn/Young Childrn	3
Total Units		27

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. Although students who are not credentialed teachers could be enrolled in this program, this certificate alone does not qualify to teach TK.

Code	Title	Units
ECED-101	Child Growth & Development	3
ECED-103	Child, Family & Comm/Social	3
ECED-106	Intro to Curric/Young Children	3
ECED-108	Prin/Pract/Teaching Young Chil	3
ECED-126	Teaching in a Diverse Society	3
ECED-135	Health,Safety/Nutrtn/Young Chl	3
ECED-137	Observation and Assessment	3
ECED-141	Introduction to Transitional Kindergarten Programs	3
Elective Courses		
ECED-109	Infant/Toddler	3
ECED-160	Infant/Toddler: Curriculum and Practicum	3
ECED-121	Admin/Early Educ Programs I	3
ECED-123	Admin/Early Educ Programs II	3
ECED-139	Adult Supervision/Mentoring	3
Total Units		39

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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

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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 decision-making. (Course previously listed under BUOM)

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. (Course previously listed under BUOM)

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 4 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: MATH116 or MATH170

ACCT-321 Accounting and Finance for Decision Making 4 Credits
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-volume-profit 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

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-325; Minimum grade of 'C' or better.

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.

ACCT-332 Cost Accounting 3 Credits

ACCT-333 Cost Accounting II 3 Credits

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 with a 'C' or better.

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, for-profit complex corporate entities, state and local governments, health and welfare organizations, and government and non-government universities.

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 with a 'C' or better.

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.

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.

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 mid-nineteenth century, when European aggression forced China on a path to modernization, to the present.

ANTH-320 Social & Cultural Change 3 Credits
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; SOC-100C recommended

ANTH-334 Gender/Culture/Society 3 Credits
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.

ANTH-339 Area Studies in Anthropology 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.

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 or SOC-100C

ANTH-346 Human Sexuality 3 Credits
Human Sexuality provides an overview of human sexual anatomy, physiology, gender identity, sex role development and expression, modes of sexual expression, sexual deviation, the meaning of sexuality within relationships, and ethical considerations.
Prerequisite: SOC-100C or PSYC-103C (preferably both); Junior or Seniorstanding

ANTH-358 World Religions 3 Credits
A comparison of the major non-Christian religions, with emphasis on their cultural origins, elements, forms, and symbols, and the role of religion as an institution in such societies.

ANTH-371 Urban Studies System 3 Credits
A study of urban life with emphasis on its organization, unique functions, and problems.

ANTH-375 Soc Issues of Health/Wellness 3 Credits

ANTH-442 Globalization & Development 3 Credits
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.

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.

ANTH-453 Language,Culture/Linguistics 3 Credits
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.

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.

ANTH-480 Individual Studies: 1-3 Credits
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)

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

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.

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.

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.

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

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.

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

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.

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.

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.

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

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.

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.

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.

BLAN-406 Advanced Hebrew I 2 Credits
Syntactical and exegetical analysis of selected portions from the Hebrew Old Testament. Offered on demand.

BLAN-407 Advanced Hebrew II 2 Credits
Syntactical and exegetical analysis of selected portions from the Hebrew Old Testament. Offered on demand.

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 cirriculum lecture requirement in natural sciences.
Co-Requisite: BIOL-100CL

BIOL-100CL Fundamentals/Biology for Non-Majors Lab 1 Credit
Laboratory exercises in molecular biology, metabolism and physiology, structure, ecology, and taxomonic groups. Laboratory four hours. Lab fee. This course fulfills teh core cirriculum laboratory requirement in natural sciences.
Co-Requisite: BIOL-100C

BIOL-111C 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-111CL

BIOL-111CL Principles of Cell/Moelcular Biology Lab 1 Credit
Topics in this course are designed to complement lectures presented in BIOL111C. Students will conduct a broad survey of investigations selected to optimize their understanding of basic laboratory techniques and biological principles including microscopy, chromatography, colorimetry and DNA analysis. Lab and field trip fee. This course fulfills the core curriculum laboratory requirement in natural sciences; however, this course is designed for Biology majors.
Co-Requisite: BIOL-111C

BIOL-112 Priciples 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

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

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-204L

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

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. Lab fee required. (meets Physiology requirement for RN to BSN students; meets Science/Lab requirement for all other students)

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. Lab fee required. (meets a Science/Lab requirement).

BIOL-209 Principles of Microbiology 4 Credits
An introduction to the study of micro-organism: their occurrent and importance to humans. Major concepts of general microbiology are discussed, including prokaryotic and eukaryotic cell types: structural organizational 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 organism that causes these diseases.

BIOL-209L Principles/Microbiology Lab 1 Credit
Prerequisities: BIOL-210. The laboratory course will introduce students to basic microbiology techniques and principles. Students will learn procedures for handling microorganisms and establishing pure cultures. Additionally, the folloing basic microbiology laboratory protocols will be covered: specimen colleciton, cultivation, analysis, identification, and reporting. Laboratory three hours. Lab fee.

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 deseigned for non-science majors.

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 deseigned for non-science majors.

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

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, celular 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

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.

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

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

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.

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 studies will include nervous, cardiovascular, respiratory, renal, gastrointestinal, endocrine, and reproductive. Lecture three hours.
Prerequisite: BIOL-111C, BIOL-204C or BIOL-210, or other college biologycourse with permission of instructor.
Co-Requisite: BIOL-304L

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

BIOL-305 Physiology of Vertebrates 3 Credits
Principles of animal physiology with emphasis on vertebrates. Lecture three hours. Offered in alternate 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.

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.

BIOL-309L Microbiology Laboratory 1 Credit
Laboratory three hours. Lab fee.

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.

BIOL-311L Genetics Laboratory 1 Credit
Laboratory three hours. Lab fee. Offered in alternate years.

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

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 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

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 charges 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.

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 Nevada's typically during May. Lab and field trip fee. Lab fee covers 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.

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.

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.

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 chnages that are responsible for learning and the formation of memory. Students will learn how changes in synapses generate, stablize, consolidate, and maintain memories. Topics covered include system and synaptic consolidation, reconsolidation, memory systems, and the neural pathways involved in different types of memories.

BIOL-365L Neurobiology of Learning/Memory Lab 1 Credit
This course supports the BIOL-365 lecture and must be taken concurrently.

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.

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.

BIOL-404L Neuropharmacology Laboratory 1 Credit
This laboratory course supports the BIOL-404 lecture and must be taken concurrently.

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.

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 permissionof instructor.
Co-Requisite: BIOL-432L

BIOL-432L Neuroscience Lab 1 Credit
Laboratory three hours. Lab fee.
Prerequisite: BIOL-220L and BIOL-204CL, BIOL-304L orBIOL-305L; or permission of instructor.
Co-Requisite: BIOL-432

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

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

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 providings tudents 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 prat-time employment. This course requires actual work experience be sought in a botech or STEM-focused buisness firm providing an opportunity to integrate classroom teaching in practical applicaiton 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

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.

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 laboratory. Lab fee.

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.

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.

BIOL-480 Individual Studies: 1-4 Credits
May be repeated for credit. May have lab fee and field trip fee in some cases.

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

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

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. In-class 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

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. (Course previously listed under BUOM)

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. (Course previously listed under BUOM)

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. (Formerly BUOM 315 Legal Aspects of the Business Process)

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. (Formerly BUOM 360 Organizational Concepts and Communication)

BUSN-P378 Research Methods 3 Credits
A course in conducting and applying research for managerial decision-making. Problem formulation, data collection, statistical analysis and interpretation of results are covered. (Formerly BUOM 375 Methods of Research and Analysis)

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. (Course previously under BUOM)

BUSN-P440 Entrepreneurship: Formation/New Ventures 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. (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. (Formerly BUOM 455 Business Policy and Strategy)

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. (Course previosly under BUOM)

BUSN-P481 Business Through Eyes of Faith 3 Credits
A study of the nature of business from the perspective of the Christian faith. (Course previously listed under BUOM)

BUSN-101 Microsoft Word 1 Credit

BUSN-102 Bus Math & Computer Applicatns 3 Credits

BUSN-103 Microsoft Excel 1 Credit

BUSN-104 Intro/Business Writing 1 Credit
An introduction to various forms of written workplace communications and strategies for a variety of business situations requiring written communication, including email, memorandums, meeting minutes, business letters, and employee reviews. Topics include context, purpose, audience, style, organization, format, grammar, analyzing data, addressing diverse concerns, presenting information, technology options, results, and strategies for effectively writing typical workplace messages. Also includes a brief introduction to academic case writing.

BUSN-105 Microsoft Access 2 Credits

BUSN-106 Intro to Ethical Reasoning for Business 1 Credit
This course focuses on ethical issues in the marketplace. It will provide an opportunity for students to experience theoretical and practical problems of moral conduct in the field of business. The course emphasizes both the philosophical foundations of ethical conduct and the practical problems encountered in the day-to-day conduct of business affairs. Several major ethical theories are reviewed with special attention given to understanding a Christian approach to business. Students are asked to examine and integrate personal values and faith commitments through readings and other supporting materials. Questions such as, 'Can business 'do good' and 'do well'?' and 'Are business ethics a viable goal or an unachievable ideal?' will be addressed.

BUSN-107 Microsoft Powerpoint 1 Credit

BUSN-108 Intro/Oral Business Comm 1 Credit
This course is designed to introduce the student to communication concepts, theories, and skills which people use in professional settings. Topics include: informative and persuasive presentations - individually and as a group, leading and participating in meetings, business terminology, etc. The course is practical in nature, as such, in time students will develop their oral competence through hands-on exercises, presentations, and case studies. Methods for organizing ideas, analyzing data, formatting information, understanding audience needs, and developing a professional communication style are covered.

BUSN-109 Microsoft Outlook 1 Credit

BUSN-114 Introduction to Business 3 Credits
A basic survey of the scope, function, and organization of modern business.

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.

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.

BUSN-215 Principles/Economics I-Macro 3 Credits
An introduction to the principles of economic analysis, economic institutions, and issues of public policy.
Prerequisite: MATH-116 or MATH-170; and BUSN-165C orPSYC-265C or its equivalent.

BUSN-216 Principles/Economics II-Micro 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.
Prerequisite: MATH-116 or MATH-170; and BUSN-165C orPSYC-265C or its equivalent.

BUSN-291 Special Topic in Business 1 Credit
Study of a special topic in business. May be repeated for credit provided topics are dissimilar.

BUSN-292 Special Topic in Business 2 Credits
Study of a special topic in business. May be repeated for credit provided topics are dissimilar.

BUSN-293 Special Topic in Business 3 Credits
Study of a special topic in business. May be repeated for credit provided topics are dissimilar.

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.

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.

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-326 Tax Accounting 3 Credits

BUSN-344 Business Communication 3 Credits
This experiential course develops students' ability to effectively communicate in the business world. Refining students' business writing and communication skills will be done through focusing on personal branding, job search and interview processes, and business presentation and writing.

BUSN-432 Enactus 1-3 Credits
An experiential learning course that gives students practical experience in setting up business-related educational programs that serve the community. Students develop project concepts and proposals, and manage the implementation of approved plans. Budgets are established and managed. Results are evaluated and presented. May be repeated for a maximum of 6 units applicable toward 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 sex units per semester between BUSN-432, BUSN-450, and BUSN-451.

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.

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.

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.

BUSN-455C Business Policy and Strategy 4 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.

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).

Business: OrgMan - SPS (BUOM)

BUOM-205 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.

BUOM-272 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.

BUOM-275 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 decision-making.

BUOM-277 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.

BUOM-282 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.

BUOM-310 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.

BUOM-316 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. (Formerly BUOM 315 Legal Aspects of the Business Process)
Prerequisite: MUST COMPLETE: BUOM-377 AND BUOM-378

BUOM-361 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. (Formerly BUOM 360 Organizational Concepts and Communication)
Prerequisite: MUST COMPLETE: BUOM-377 AND BUOM-378

BUOM-372 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. (Formerly BUOM 371 Group and Organizational Behavior)

BUOM-378 Research Methods 3 Credits
A course in conducting and applying research for managerial decision-making. Problem formulation, data collection, statistical analysis and interpretation of results are covered. (Formerly BUOM 375 Methods of Research and Analysis)
Prerequisite: MUST COMPLETE: GE MATH REQUIREMENT

BUOM-415 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.

BUOM-416 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.

BUOM-440 Entrepreneurship: Formation/New Ventures 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.

BUOM-456 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. (Formerly BUOM 455 Business Policy and Strategy)

BUOM-464 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. (Formerly BUOM 463 Principles of Management and Supervision)

BUOM-470 Special Topic: 3 Credits
Study of a special topic in business. May be repeated for credit.

BUOM-471 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. (Formerly BUOM 473 Marketing in a Global Economy).
Prerequisite: MUST COMPLETE: BUOM-377 and BUOM-378

BUOM-472 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.
Prerequisite: MUST COMPLETE: BUOM-377 and BUOM-378

BUOM-475 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 decision-making.

BUOM-476 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.

BUOM-477 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.

BUOM-478 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.
Prerequisite: MUST COMPLETE: BUOM-377 AND BUOM-378

BUOM-481 Business Through Eyes of Faith 3 Credits
A study of the nature of business from the perspective of the Christian faith.
Prerequisite: MUST COMPLETE: BUOM-377 AND BUOM-378

BUOM-482 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.

BUOM-484 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. (Formerly BUOM 479 Marketing Strategies)
Prerequisite: MUST COMPLETE: BUOM-377 AND BUOM-378

BUOM-485 Strategic Marketing Management 3 Credits

Chemistry (CHEM)

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 and 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

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, oxidation-reduction reactions, household chemical qualitative analysis. Laboratory three hours. Lab fee.
Co-Requisite: Concurrent: CHEM-112C

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 non-majors. Lecture three hours.

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 analgesic, 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.

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/CL. After successful completion of CHEM 112C/CL, the student can re-enter. Three hours lecture per week.
Prerequisite: CHEM-112C or passing score on the ChemistryPlacement Exam.
Co-Requisite: CHEM-120L

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
Co-Requisite: CHEM-120

CHEM-120R General Chemistry I Recitation 1 Credit
Recitation section to accompany CHEM 120. This course develops problem solving skills of students studying the fundamental concepts presented in CHEM 120 including: chemical reactions, stoichiometry, atomic structure, chemical bonding, changes in state, and the periodic table. One hour recitation session per week; credit/fail course.

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

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

CHEM-121R General Chemistry II Recitation 1 Credit
This course develops problem solving skills of students studying the fundamental concepts presented in CHEM 121 including: Fundamental concepts including kinetics, equilibrium, thermodynamics, and electrochemistry. Special topics will include nuclear chemistry, transition metal periodicity and coordination compounds. One hour recitation session per week; credit/fail course.

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, organi, and biochemistry. The following topics will be surveyed: mater and engergy, atomic theory, stoichiometry, nomenclaure, the periodic table, atominc structure, gas liquid and solid states, solutions, neclear chemistry, functional groups, alkanes, alkenes, alcohols, ethers, aldehydes, ketones, amines, carboxylic acides, 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 nusing discipline), writing and interpreting chemical formulas, DNA replication, transciprtion and translation. In addition, the student should devlop an appreciation for the importance of chemistry in other disciplines. (Meets Chemistry requirement for RN to BSN students; meetts Science/Lab requirement for Professional Studies students). Also meets Lab CORE Science Requirement for the tranditional undergraduate student when taken with CHEM-201CL.
Prerequisite: BIOL-205 or BIOL-210

CHEM-210L Integrated Chemistry Laboratory 1 Credit
A complementary laboratory chourse to CHEM-201C emphasizing teh study of matter and properties. This hands-on course teaches basic techniques used in chemistry lab. Sample experiments include: separation of componds, chemical precipitation reactions, oxidation-reduction reactions, houshold chemical qualitive analysis. Further, the organic synthesis of aspirin or other analgesic, synthesis of esters, separation of compounds unsing chromatographic techniques, synthesis of organic dyes, combustion of carbohydrates, analysis of proteins and DNA are prefromed. This course is designed for students in the health sciences, liberal studiesm or as a general science for non-majors. This course fulfills the LAB CORE science requirement. Laboratory three hours. Lab fee.

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.

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.

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

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

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

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

CHEM-304R Organic Chemistry I Recitation 1 Credit
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. Significant time will be devoted to problem solving in Organic Chemistry 1 topics in a cooperative group setting. One hour of lecture and one hour of online work per week; credit/fail course.

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.

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.

CHEM-305R Organic Chemistry II Recitation 1 Credit
This course introduces basic spectropscopic techniques of organic chemistry and biochemistry: IR, 1D and 2D NMR spectrometry, and MS with some discussion of UV/visible spectrophotometry. Multi-spectral identification of organic compounds is emphasized. Significant time will be devoted to problem solving in Organic Chemistry II topics in a cooperative group setting. One hour of lecture and one hour of online work per week; credit/fail course.

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.

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.

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

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

CHEM-435 Adv 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 ~6 hours of online assignments per week.

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

CHEM-440L Instrumental Analysis Lab 2 Credits
Prerequisite: CHEM-252L
Co-Requisite: CHEM-440

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 projt report and presenting their research results in CHEM-499C.
Prerequisite: CHEM-121

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, recitation and/or laboratory sessions. This course may be taken for 1-3 units per semester. May be repeated for a maximum of six units.

CHEM-456 Physical Chemisry: 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.

CHEM-456L Physical Chem Technique Lab 1-2 Credits

CHEM-457 Phys Chem: 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.

CHEM-458 Phys Chem: 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.

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.

CHEM-480 Individual Studies: 1-4 Credits

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 of laboratory work is required per unit. May be repeated. 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.

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.

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.

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.

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-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.

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

CLSG-508 Foundations/Leadership Studies 3 Credits

CLSG-515 Church/Contemp. Moral Issues 3 Credits

CLSG-518 Church Leadership Mgt Theory 3 Credits

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

CLSG-523 Sociology of Religion 3 Credits

CLSG-524 Pentecost-Charismat Mvmnts 3 Credits

CLSG-525 Prin/Church Revitzn/Grth 3 Credits

CLSG-526 Small Group Ministry 3 Credits

CLSG-528 Current Issues/Latin America 3 Credits

CLSG-530 Adv. Pastoral Counseling 3 Credits

CLSG-532 History of Pentecostalism 3 Credits

CLSG-535 Issues/Pastoral Leadership 3 Credits

CLSG-538 Church Financial Admin. 3 Credits

CLSG-545 Lay Ministry Development 3 Credits

CLSG-546 Parables for Preaching 3 Credits

CLSG-550 Independent Study/Church Ldshp 1-3 Credits

CLSG-554 Prin/Meth/Inter-Cult. Ministry 3 Credits

CLSG-555 Theol Educ/3rd World 3 Credits

CLSG-556 Current Issues/Youth Ministry 3 Credits

CLSG-557 Church Growth 3 Credits

CLSG-564 Religion/Culture/Latin America 3 Credits

CLSG-565 Leadership Dev/Cultr Context 3 Credits

CLSG-566 Introduction to Judaism 4 Credits

CLSG-570 Special Topic: 1-3 Credits

CLSG-585 Current Issues in Missiology 3 Credits

CLSG-586 Relign,Crisis/Change/Latin Am 2-4 Credits

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.

CLSG-605 Church/Theology Perspective 3 Credits

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.

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.

CLSG-610 Appreciative Inquiry 3 Credits

CLSG-611 Leadership and the New Science 3 Credits

CLSG-615 Church/Contemp Moral Issues 3 Credits

CLSG-618 Church Leadership Mgt. Theory 3 Credits

CLSG-620 Change in Christian Organiztns 3 Credits

CLSG-621 Mission/Mrktg/Chrstn Organiztn 3 Credits

CLSG-622 Team Development and Conflict Management 3 Credits

CLSG-623 Marketing in Christian Organzt 3 Credits

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.

CLSG-625 Prin/Church Revitzn & Renewal 3 Credits

CLSG-626 Soul and Spirit of the Leader 3 Credits

CLSG-627 New Forms of Preaching in a Postmodern World 3 Credits

CLSG-630 Pastoral Counseling/Chrstn Org 3 Credits

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.

CLSG-635 Iss/Pastoral Leadership 3 Credits

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.

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.

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.

CLSG-650 Indep Studies/Church Leadershp 1-4 Credits

CLSG-655 Theo/Educ/Third World 3 Credits

CLSG-665 Leadership Dev/Cultr Context 3 Credits

CLSG-670 Special Topic: 1-3 Credits
Study in a special topic in leadership studies.

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.

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.

CLSG-705 Church/Theol Perspective 3 Credits

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.

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.

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.

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.

CLSG-780 Ind. Stud: 1-3 Credits

Clin Nurse Specialist-Grad Cer (CNSG)

CNSG-612 Health Assessment for the CNS 2 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-613 Advanced Health Assessment 2-3 Credits

CNSG-617 Pathophysiology Concepts/CNS 2 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-618 Adv Concepts in Pathophysiology 2-3 Credits

CNSG-621 Pharmaco-therapeutics for the CNS 2 Credits
This course is designed to prepare nurses for expert clinical practice using advanced theoretical and empirical knowledge of pharmacology that can be applied in the practice setting. The focus is on pharmacotherapeutics and pharmacokinetics including a discussion at the cellular response level. Content will provide the advanced practice nurse the competencies necessary to work with patients, healthcare professionals, and communities of interest to improve clinical care in a safe and cost-effective manner.

CNSG-622 Adv 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-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 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.*

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 communicaiton. 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 Comp/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.

COMM-201C Speech Comp/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.

COMM-212 History/Communication Studies 3 Credits
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.

COMM-229 Intermediate Filmmaking Production 3 Credits
A hand-on engagement with the filmmaking porcess, including pre-production,m 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

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)

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.

COMM-246 American Cinema History 3 Credits
This foundational course in Cinema Arts follows the journey of American cinema from its beginning to present day while highlighting major events in the history of American cinema.

COMM-258 Christianity/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.

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.

COMM-290 Intro/Interpers 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.

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-305 Communication Theory/Research 3 Credits
Survey of classical and contemporary theories of communication. Special emphasis is placed upon reading, understanding, and conducting communication research.
Prerequisite: MATH-265C, SOC-265C, or PSYC-265C

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

COMM-309 Graphic Design 4 Credits
This course will serve as an introduction to the theory and practice of graphic design. Students will learn the basic principles and elements of graphic design, the history of graphic design, form/symbol development, typography, identity design and page layout. Provides practical experience in essential studio techniques and technology, critiques and group discussions. The creative design process and problem-solving skills are emphasized throughout the course. Lab Fee.

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.

COMM-317 Creative Process-Theory/Pract 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.

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.

COMM-319 Publications: Newspaper 1 Credit
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;

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.

COMM-339 Producing for Television and Film 3 Credits
Exploration of the role of the independent producer and how a concept is taken through the steps of development, financing, scheduling, production, marketing, and distribution.
Prerequisite: COMM-229

COMM-345 Intercultural Communication 3 Credits
The process of communication as it applies to cross-cultural situations, i.e., where the respective participants in the process are members of distinctly separate cultural groups and situations specific to such communicative settings and proposed solutions to those problems.

COMM-362 Contemp 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.

COMM-369 Short Film Production 4 Credits
This course provides student experience with the entirety of the filmmaking process through short exercises in the field, culminating with an individually directed short film. Lab Fee.
Prerequisite: COMM-229

COMM-373 Documentary Film Production 4 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.
Prerequisite: COMM-220 AND COMM-229

COMM-374 Gender Communication 3 Credits
This course examines the connections between language use and gender. Current research will be studied and topics may include: Conversational interactions, power, inequality and public versus private language use.

COMM-375 Television Studio Production 4 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.

COMM-376 Interracial Communication 3 Credits
Surveys how race influences the communication process. This course deals with major issues of race and ethnic relations and how each affects interracial communication are considered. Major theories of interracial communication, the universal human processes which contribute to racial differences, and the practical approaches to communicating more effectively with persons from the other and same races.

COMM-378 Publ Rel: Corp Comm,Info Mgt 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.

COMM-380 Publ Rel: Corp Comm,Proj/Campgn 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.

COMM-381 Photojouralism 3 Credits
This course is designed as an introduction to photo journalism 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 newm 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.

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.

COMM-384 Digital Storytelling 3 Credits

COMM-385 New Media Productions 3 Credits
The course will examine the filed of new 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.

COMM-386 Music Video Productions 3 Credits
This course focuses on the exciting craft of creating msuic videos with an artist/band. Indivdiually 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.

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.

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.

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.

COMM-402 Family Communication 3 Credits
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.

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.

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.

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.

COMM-417 Professional Communication 2 Credits
Prerequisite: COMM-201C, COMM-273

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.

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 communicaiton and ÿmanagement, emphasiing practical application of theories, strategies, and tactics from a public relations perspective.

COMM-444 Argumentation & Debate 3 Credits
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.

COMM-448 Ethnography of Communication 3 Credits
This course is designed to introduce students to the techniques, theories, and debates concerning ethnographic fieldwork and its application to the field of communication studies.

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.

COMM-452 Adv Interpersonal Comm 3 Credits
This course examines the pragmatic and research approaches to the study of interpersonal communication.

COMM-455 Comm 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.

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 technqiues introduced.

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.

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

COMM-467 Cultr/Rhetoric/Pentecostalism 3 Credits
This course will look at the evolution of Pentecostal rhetoric from its inception to the present day along with its various forms and themes. Several key Pentecostal rhetorics throughout the history of the movement will be discussed and studied in depth. It will also consider Pentecostalism as a cultural phenomenon, and survey the various cultural manifestations and expressions of the movement both in the United States and around the world.

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 Ind Studies: 1-3 Credits
May be repeated for credit.

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, feature-length screenplay, multimedia work, or research project. Preproduction, research, and/or resourcing stages will be completed. COMM-497 Senior Project: Implementation is also required.

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.

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.

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.

CORE-101 College Learning Concepts 3 Credits

CORE-101C College Success Strategies 3 Credits
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 time-management, 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.

CORE-110 Vanguard Foundations of College Writing I 3 Credits
Covers reading comprehension, technology and writing, and sentence-level (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.)

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-100 Cornerstone for Early Childhood Education 2 Credits
This course provides an introduction to university life and online learning, and to the academic and social skills needed for success. Students will be introduced to the library and information literacy/research skills. The course management system and skills for successful online learning along with the integration of faith and learning through a Biblical worldview will be covered. Becoming a professional in the field of early education will be discussed. This course is required for all ECE degree-seeking students.

ECED-101 Child Growth & 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.

ECED-103 Child, Family & 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.

ECED-106 Intro to Curric/Young Children 3 Credits
This class will provide 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 will be analyzed. The class will cover the basic components and developmentally appropriate implementation of curriculum across content areas. Though not required, completion of ECED 101 Child Growth and Development is recommended.

ECED-108 Prin/Pract/Teaching Young Chil 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 is recommended.

ECED-109 Infant/Toddler 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 will be discussed. Social, cognitive, physical, and sensory motor behavior patterns will be 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 will be emphasized. (meets elective credit requirement) *Only available online.

ECED-121 Admin/Early Educ Programs I 3 Credits
Application of the basic principles for the establishment, operation, supervision and evaluation of a preschool/ daycare program will be examined. This includes an overview and history of ECE programs, philosophy development, licensing standards, and assessment of management techniques. Christian philosophy and development will be integrated. This meets the minimum licensing course requirement for operating a licensed daycare program. (meets elective credit requirement) *Only available online.

ECED-123 Admin/Early Educ Programs II 3 Credits
Application of advanced principles for the ongoing operation, supervision and evaluation of a preschool/ daycare program will be 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 will be discussed. Christian philosophy and development will be integrated. This meets the minimum licensing requirement for operating a licensed daycare program. (meets elective credit requirement) *Only available online.

ECED-126 Teaching in a Diverse Society 3 Credits
This course will examine current issues facing the early education professional in understanding diversity as it impacts the classroom. In many early childhood classrooms there has been an increase in the number of children with racial, ethnic, linguistic, and cultural diversity, as well as the numbers of children with disabilities or developmental delays. This diversity brings many challenges, as well as many opportunities to educators. Factors of working with and supporting diverse populations of young children and their families will be discussed including relevant teaching methods and materials.

ECED-132 Early Education Practicum 3 Credits
This course is designed for the student to demonstrate practical application of developmentally appropriate early childhood teaching techniques and skills. Emphasis will be on designing, implementing, and evaluating classroom experiences for young children. Observation and evaluation of classroom experiences, environmental design, classroom management, and parent communication will be emphasized to promote optimal development for young children. Biblical perspectives will be integrated throughout the course. Fieldwork will be completed in the student's own classroom or by approval of the instructor. Students will complete 50 hours in an early childhood setting. Students will 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.

ECED-135 Health,Safety/Nutrtn/Young Chl 3 Credits
This course presents healthy practices that promote safety, nutrition, and wellness for the young child. Strategies will be 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 education setting will be emphasized.

ECED-137 Observation and Assessment 3 Credits
This course will offer opportunities for students to develop in-depth knowledge and skills as early childhood professionals with a focus on research, policy, and best practices in early childhood assessment and to link assessment to curriculum planning and program evaluation. Focus will be on students acquiring knowledge about informal and formal developmental screening assessment instruments for young children, how to select and how to use the appropriate one to determine initial information that will facilitate individual learning environments and strategies. Though not required, completion of ECED 101 and ECED 106 are recommended.

ECED-139 Adult Supervision/Mentoring 3 Credits
This course will cover the methods and principles of supervising adults who are teachers, assistants, or volunteers in early childhood classrooms. Emphasis is 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. (meets elective credit requirement) *Only available online.

ECED-141 Introduction to Transitional Kindergarten Programs 3 Credits
This course will explore 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 will 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 will be reviewed and discussed. Students will examine how school goals have changed over time, and the importance of getting parents involved in the early childhood classroom. Students will their own integrated curriculum plan and understand how to assess young children using multiple measures.

ECED-150 Spiritual Formtn/Young Childrn 3 Credits
This course will further 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 towards an intimate relationship with God will be discussed. Particular emphasis will be placed on relationship, experience, and practice of the spiritual disciplines that create the context for spiritual formation to occur. A systematic approach will be given that lays the foundation for regular practices in the classroom. The relationship between the church, home, and the early education program will be explored as the foundational environments where spiritual transformation is developed. *Only available online.

ECED-160 Infant/Toddler: Curriculum and Practicum 3 Credits
This course is designed for the student to learn the uniqueness of infant and toddler curriculum and to demonstrate a practical application of developmentally appropriate infant & toddler teaching techniques and skills. Emphasis will be on designing, implementing, and evaluating classroom experiences for children 0 to 2 years old. Observation and evaluation of classroom experiences, environmental design, classroom management, and parent communication will also be emphasized to promote optimal development for young children. Biblical perspectives will be integrated throughout the course. Fieldwork will be completed in the student's own classroom or by approval of the instructor. Students will videotape their teaching in order to be evaluated by the instructor and fellow classmates. Though not required, ECED 101 Child, Growth, and Development and ECED 109 Infant/Toddler: Development are recommended prior to taking this course.

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.

ECED-299 Capstone for Early Childhood Education 3 Credits
This course will provide students the opportunity to integrate theories of child development, a Biblical worldview of young children, and principles of effective practice as a culmination of their learning at the associate's degree-level. Students will engage in field experience through the implementation of a project that will exhibit an integration of faith and learning. The project will demonstrate an application of students' knowledge of Biblically-based early education to their practice. An analysis and evaluation of the students' educational experiences across the curriculum will be reviewed and the comprehensive portfolio of the students' work samples and reflections will demonstrate competence and achievement of program learning outcomes. The next steps in professional development will be discussed and a plan for further growth as a professional in the early education field will be developed.

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 will be examined. A Biblical emphasis will be placed on teaching self-regulation and self-control concepts that result in responsibility and ownership of behavior. Setting clear expectations and affirming positive behavior will be examined along with appropriate respect for authority and effective conflict resolution strategies. Classroom management techniques will be discussed. Parental involvement and school/family partnerships will be incorporated to serve children in their supporting environments.

ECED-301 Infant and Toddler: Development & Theory 3 Credits
This course not only covers but also celebrates infant and toddler development from pre-birth through age 36 months. The course will focus on the importance of families' and caregivers' relationships and responsiveness in interactions with young children focusing on the whole child approach to development. Developmentally appropriate guidance using a relationship-based model will be introduced.

ECED-305 The Exceptional Child and the Inclusive Classroom 3 Credits
This course provides an overview of children with exceptional cognitive, physical, social, and/or emotional characteristics, including learning disabilities. Students will be introduced to special education laws and their implications for delivery systems, transition plans, and identification and placement procedures. Assessment and screening strategies will be discussed to meet the educational needs of all students. A Biblical perspective of serving all children will be a part of the course, including rationale and strategies for honoring young children and families.

ECED-306 Exceptional Children: Teaching Language Arts, Math and Science for Students With Severe Disabilities 3 Credits
This course is to equip early childhood educators with special need students to become 21st century educators and to demonstrate best practices in his or her classroom. This course covers, embedding instruction in inclusion classroom, teaching common core Language Arts, Math and Science, creating instructions and assessment.

ECED-315 Math and Science for the Young Child 3 Credits
This course reviews developmental theory and research about science and math education in the early childhood years. Early childhood educators will investigate the interrelationship of math and science, and explore an organized, sequential approach to creating a developmentally appropriate math and science curriculum for preschool children. Concepts of God as the creator and master designer will be presented as children construct knowledge through a dynamic, interactive process that facilitates their development of working theories relating to math and science.

ECED-320 Language and Literacy for Young Children 3 Credits
This course focuses on language and literacy development for young children. Students examine theories of language development, including theories of second language acquisition and the needs of English language learners. They also explore strategies for engaging children in integrated listening, speaking, reading, and writing experiences. Integration of content area standards and development of hands-on learning experiences are emphasized. Evaluation of God-honoring children's literature will be covered along with communicating with God through prayer. Additionally, developmentally effective assessments are discussed as a means of informing instruction.

ECED-327 Creative Learning for Young Children Evaluation for Exceptional Learners 3 Credits
This course introduces concepts related to creativity and its application across the curriculum, with emphasis on creativity in the arts including visual art, drama, music, movement and creative play. Topics include: the theoretical and Biblical basis for creativity; concepts of creativity and aesthetics; planning and implementing creative activities that are developmentally appropriate for young children; art media, methods and materials for creative activities; planning and preparation of art experiences; developmental stages in art; and fostering creativity across the curriculum.

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 will be defined and identified that are reflective of a Spirit-filled classroom. Students will 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 will be studied along with strategies that integrate these concepts into the curriculum content. Students will examine early education centers for moral and character development curriculum content and a strategic plan will be developed to enhance moral development. Students will be challenged to be an effective role model and will identify their own personal strengths and growth areas. Developmentally-effective methods of instruction will be discussed, including the use of a variety of hands-on materials to reinforce concrete learning.

ECED-338 Advanced Administration of Early Childhood Education Programs 3 Credits
This course provides instruction on the advanced skills needed to manage and lead in Early Childhood Education settings. Students will develop skills in personal and professional self-awareness, fiscal management, facilities management, family support and educational programming. Special emphasis will be placed on management theory and decision making. Students will develop an understanding of their own leadership and management style.

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 will be included. Aspects of current brain research on the connection of curriculum to targeted learning outcomes will be reviewed. Specific strategies for measuring developmental milestones for learning will be included, preparing early 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, will be covered. Appropriate levels of instruction and developmentally appropriate environments will be explored.

ECED-345 Advancing Early Childhood Programs Through Technology 3 Credits
This course introduces the use of technology in the early education setting to enhance teaching, learning, and program support. Topics will include the use of technology in the classroom, the supportive use in administrative management, communication with families, teacher training, and marketing. Ethical issues surrounding the use of technology will be discussed along with the appropriate use of technology in the classroom. Upon completion, students should be able to apply technology-enhanced instruction, use a variety of technology resources, and demonstrate appropriate technology skills in educational environments.

ECED-350 Ministering to Parents & 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 will be discussed. Topics included in this course will focus on the well-being of individuals and society supported by strong family units. Various parenting styles will be examined for understanding the family dynamics. Students will learn how to minister effectively through the integration of faith practices, prayer, God's word, and Biblical insight that will support a strong home life for young children. The importance of instilling Biblically-based values in the home and the supportive role of early education programs in supporting children and their families will be examined, including family education and advocacy.

ECED-400 Early Communication Skills and Literacy In Multilingual Communities 3 Credits
This course develops students' understanding of language development specific to the early years and the principles that govern this process. 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. The role of adults, peers, and siblings in fostering language development will be discussed. Students will explore specific strategies for working with multilingual families in meeting the functional needs of the child in the classroom setting to maximize language development. Delays in the language process will be reviewed along with the necessary resources to help serve children at risk.

ECED-401 Infant/Toddler: Curriculum & Practicum 3 Credits
This course is designed for the student to learn the uniqueness of infant and toddler curriculum and to demonstrate a practical application of developmentally appropriate infant & toddler teaching techniques and skills. Emphasis will be on designing, implementing, and evaluating classroom experiences for children 0-2 years old. Observation and evaluation of classroom experiences, environmental design, classroom management, and parent communication will also be emphasized to promote optimal development for young children. Biblical perspectives will be integrated throughout the course. Fieldwork will be completed in the student's own classroom or by approval of the instructor. Students will videotape their teaching in order to be evaluated by the instructor and fellow classmates.

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 0-8 years old. Issues and trends in curriculum development will be examined, along with the components of a philosophy of teaching and learning based on a school's foundational statements. The students will 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 with be discussed and developed. The process of evaluating the planned instructional program will be covered as it relates to improving the curriculum and effectively achieving student learning outcomes. Learning outcomes will be integrated into this course as a foundation for curriculum development.

ECED-410 Leadership and Advocacy in Early Childhood Education 3 Credits
This course will focus on child and family advocacy, leadership, public policy, research, and advocacy initiatives in the field of early education. Students will analyze critical issues in early education from a Biblical-worldview and develop strategies for articulating positions and becoming change agents. Students will develop and implement strategies for change. A professional code of ethics, integrating Biblical standards and principles, will be discussed.

ECED-420 Principles of Applied Behavior Analysis: Autism 3 Credits
This course is to introduce Behavioral Analysis in daily life and how the events in daily life affect autistic students' behavior. Students will learn how to apply behavioral principles to their classes and dealing with challenging behaviors, building positive relationship with their students' family and students. (Requirement for Special Education emphasis)

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 will be introduced. (Requirement for Special Education emphasis)

ECED-460 Advanced Practicum I 3 Credits
This course is a supervised experience in working with young children in a classroom setting. The focus will be on the application of developmentally effective early childhood teaching theories, techniques, and skills. The emphasis will be on designing, implementing, and evaluating classroom experiences for young children. Observation and evaluation of classroom experiences, environmental design, classroom management, and parent communication will be emphasized to promote optimal development for young children. Biblical perspectives will be integrated throughout the course.

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 will be on the application of developmentally effective early childhood teaching theories, techniques, and skills. The student-teachers will 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 will be integrated throughout the course.
Prerequisite: MISSING: ECED-460;

ECED-499 Capstone for Early Childhood Education Ba Degree 4 Credits
This course will provide students the opportunity to integrate theories of child development, a Biblical worldview of young children, and principles of effective practice as a culmination of their learning at the bachelor's degree-level. Students will engage in field experience through the implementation of a project that will exhibit an integration of faith and learning. The project will demonstrate an application of students' knowledge of biblically-based early education to their practice. An analysis and evaluation of the students' educational experiences across the curriculum will be reviewed and the comprehensive portfolio of the students' work samples and reflections will demonstrate competence and achievement of Program Learning Outcomes. The next steps in processional development will be discussed and a plan for further growth as a professional in the early education field will be developed.

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 ANTH/ENGL/SPAN 453: Language, Culture and Linguistics.

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.

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.

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, Common Core Literacy standards, and English Language Development standards. Candidates develop in-depth lesson plans utilizing Inductive, Deductive, and Cooperative methodologies.

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.

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 classroom with a Master Teacher, 180 hours for 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 fees cover CEAI Insurance, Master Teacher, Subject Mentor and TPA fees.

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 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.

EDUG-527 CalTPA Cycle 1 0.5 Credits
As of July 2018, California law requires all Multiple and Single Subjct teacher preparation programs to include a 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 will consist of two sections - section 1, for CalTPA Cycle 1, which will be taken during the first semester of Early Fieldwork Experience, and section 2, taken curing second semester or full-time student teaching, for CalTPA Cycle 2. Co-Requisite: EDUG-525; EDUG-535; EDUG-586; or EDUG-588

EDUG-528 CalTPA Cycle 2 0.5 Credits
As of July 2018, California law requires all Multiple and Single Subjct teacher preparation programs to include a 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 will consist of two sections - section 1, for CalTPA Cycle 1, which will be taken during the first semester of Early Fieldwork Experience, and section 2, taken curing second semester or full-time student teaching, for CalTPA Cycle 2. Co-Requisite: EDUG-525; EDUG-535; EDUG-586; or EDUG-588

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.

EDUG-535 Early Supervised Fieldwork - Single Subj Single Subject 4 Credits
This early supervised field experience provides the candidate with an opportunity to work directly with learners in a University assigned secondary classroom with a Master Teacher for 180 hours for 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 fees cover CEAI Insurance, Master Teacher, Subject Mentor and TPA fees.

EDUG-537 Curriculum Unit Planning/Multiple Subj 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.

EDUG-538 Pedagogy/Practice in Theatre for Youth 3 Credits

EDUG-539 Found/Dance for Elem Te 1 Credit
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EDUG-540 Cross-Cultrl Studies/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, raise issues for teaching within a multicultural classroom, and demonstrate appropriate responses, communication techniques and strategies suited to educating those with differing world view ideologies.

EDUG-541 Philosophy/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.

EDUG-544 Lang Acquisition/Second Studnt 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.

EDUG-548 Metacogntn/Rdg Strategies-Sec 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. Materials fee.

EDUG-551 Literacy/Content Areas-Sec 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.

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.

EDUG-570 Special Topic: 0.5-3 Credits
Special topics in education: curriculum, assessment, instruction, community partnerships, classroom management and research.

EDUG-572 Adv Study/Teaching Engl Learnr 2 Credits
This course provides an advanced understanding of the candidate's role of teaching English Learners within the state of California. The course builds on the knowledge, skills, and abilities acquired during the professional teacher preparation program for the delivery of comprehensive, specialized instruction for English learners. Each candidate examines school organizational structures and resources designed to meet the needs of English learners, and demonstrates the ability to implement the instructional program for English Language Development. Each candidate demonstrates the ability to implement adopted instructional programs and the development of academic language, comprehension, and knowledge in the core academic curriculum that promote students' access and achievement in relation to state-adopted academic content standards and performance levels for students. Each candidate becomes familiar with local and state-adopted assessments for English language proficiency, and how these instruments are used to measure student accomplishment and to place students and diagnose their needs. Each candidate uses knowledge of his/her students' backgrounds, experiences, family structures, cultures, and languages in planning instruction and supporting individual student learning. This course meets the CTC standards for the Professional Clear Credential requirement for SB 2042 preliminary credentials candidates who do not have access to a district induction program.

EDUG-573 Adv Study/Teaching Health/Educ 1 Credit
This course provides a basic understanding of the candidate's role in promoting personal, classroom, and school health and safety through appropriate prevention and intervention strategies. Candidates demonstrate an understanding of the relationship between student health and student learning, and develop competencies in detecting and handling the health problems of their students. Local and community resources to support student health are investigated. Candidates learn about character education and how to create an emotionally healthy classroom environment for learning. The California Health Framework grade level content, methods, and processes for teaching health education are studied. Candidates have opportunities to show evidence of selected Teacher Performance Expectations through class activities and assignments. California Ed Code and federal law relating to health, safety, and parents' rights are presented. This course meets the CTC standards for the Professional Clear Credential requirement for SB 2042 preliminary credential candidates who do not have access to a district induction program.

EDUG-574 Adv Study/Teaching Spec Popltn 2 Credits
This course provides each candidate with the opportunity to deepen their knowledge, skills, and strategies for teaching special populations, including students with disabilities and gifted and talented students in the general classroom. Particular emphasis is given to creating a positive, inclusive climate of instruction for all special populations in the general classroom. This course meets the CTC standards for the Professional Clear Credential requirement for SB 2042 preliminary credentials candidates who do not have access to a district induction program.

EDUG-576 Adv Use/Tech/Support Stud Lrng 1 Credit
This course facilitates teachers' mastery and application of technology in the classroom, providing advanced tools for developing and revising standards-based lessons and units using technology. Teachers are introduced to the process of designing and planning lessons and units that integrate the key elements of content standards, activities, technology resources and assessments. This course meets the CTC standards for the Professional Clear Credential requirement for SB 2042 preliminary credentials candidates who do not have access to a district induction program.

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.

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.

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.

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, 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.

EDUG-590 Seminar: 1-6 Credits
Mutual investigation of one topic in education of particular relevance to graduate students in education.

EDUG-591A Pedagogical Reflectn/Practice 1 Credit
In this course, teachers are introduced to job embedded learning and the plan-teach-reflect-apply cycle. While completing CFASST Events 1, 2, and 3, they will study the local context where they are teaching and begin the process of analyzing the impact of their teaching on student learning. This course is offered in the Fall semester for new teachers and trained support providers starting the induction experience.

EDUG-591B Pedagogical Reflectn/Practice 1 Credit
In this course, teachers develop and implement the Individual Induction Plan. Student work is also used to conduct an in-depth inquiry in entry-level, monitoring and summative assessment practices. Teachers enroll in this course during the second semester while completing CFASST Events 4-6.

EDUG-591C Pedagogical Reflectn/Practice 1 Credit
New teachers and support providers may obtain one unit of university credit for participating in 15 hours professional growth directly related to SB 2042 completion requirements and CFASST. These hours must be described in the district's state approved induction program. Teacher attendance and completion of all requirements must be verified by the local BTSA Induction Program to receive university credit.

EDUG-591D Pedagogical Reflectn/Practice 2 Credits
This course includes an investigation of specific characteristics of the teachers' class, school, district and community that affect daily teaching. Students analyze the results of several assessments including literacy in primary language to discover the prior academic achievement of their students. This data will be used to develop short and long term instructional plans that are also guided by the California Content Standards and Frameworks. Students enroll in this course during the Fall semester of the second year of induction while completing CFASST 7, 8, and 9.

EDUG-591E Pedagogical Reflectn/Practice 2 Credits
In this course teachers complete a self-assessment on their level of implementation of the California State Frameworks to assist them in reflecting on their teaching to date. They participate in the district's colloquium by sharing a selection of significant work with colleagues. This course is taken by teachers in their final semester of state approved induction and while completing CFASST 10, 11, and 12.

EDUG-591F Pedagogical Reflectn/Practice 2 Credits
New teachers and support providers may obtain two units of university credit for participating in 30 hours of professional growth directly related to SB 2042 completion requirements and CFASST. These hours must be described in the district's state approved induction program. Teacher attendance and completion of all requirements must be verified by the local Induction Program to receive university credit.

EDUG-599 Continuous Reg: Teaching Credential 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 are requirements are met, at which time the grade is changed to CR (Credit).

EDUG-604 Outcomes Eval & Publication 3 Credits

EDUG-605 Current Issues in Education 2 Credits
An in-depth investigation of current problems and issues that affect education in America. Students will also study current trends in curriculum, teaching practice, and school organization and evaluate them in terms of the effectiveness of teaching and learning and the quality of life in the school community.

EDUG-606 Intro/Educational Research 4 Credits
This course enables graduate students in education to become acquainted with literature on research methodologies, and to develop an understanding of such methodology in light of educational research. The goal is to become a critical reader of research reports, and a consumer and producer of research. To this end, a series of research assignments enable the student to apply his/her learning and to develop skills in interpreting research designs and research literature.
Prerequisite: EDUG-605 and consent of Director

EDUG-609 Curriculum Design/Teaching 2 Credits
This course provides students with the opportunity to examine historical, philosophical, and sociopolitical influences on the curriculum of American public schooling. 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.

EDUG-610 Educational Assessment/Eval 4 Credits
This course focuses on qualitative and quantitative assessment instruments that are needed to evaluate the potential and progress of children throughout the instructional process. The course covers both individual and program evaluation methods (includes formal and informal methods of assessment).

EDUG-611 Adv Models of Teaching 3 Credits
This course explores varied strategies of instruction, culminating in the identification and study of fifteen models of teaching. Students examine relationships among theories of learning and instruction, as well as various instructional alternatives.

EDUG-612 Theories of Learning/Teaching 3 Credits
This course examines principles of teaching that can be derived from psychological theories and research, including behavioral, cognitive, and social theories.

EDUG-614 Curriculum Ldrshp/Collaboratn 3 Credits
This course is about teacher learning, evaluating and organizing high quality professional development. 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 teacher-led learning community. The literature on professional development and reviews of modern professional development programs along with practical guidance are covered in this course.

EDUG-615 Research Literature: Content Specific 4 Credits
This course enables master's degree candidates to develop an understanding of the research-based literature that informs the history and development of content specific subject matter. Teachers will explore and analyze the literature, including historical key definitions of conent-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 reasearch prupose. 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.

EDUG-670 Special Topic: 1-3 Credits
Special topics in education; curriculum, assessment, instruction, community partnerships, classroom management and research.

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. Permission of the Director of the Graduate Program in Education.

EDUG-690 Seminar: 1-6 Credits
Mutual investigation of one topic in education of particular relevance to graduate students in education.

EDUG-699 Continuous Registration 1 Credit
Continuation of independent project study. Credit does not count toward Master's degree requirements. (Fee equivalent to one-unit hour of 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

English (ENGL)

ENGL-110 Vanguard Foundations of College Writing I 3 Credits

ENGL-112 Foundations of College Writing 3 Credits
Foundations for exposition and argument at the college level. This course offers instruction in the fundamental skills of college writing with a focus on reading, critical thinking, grammar, spelling, punctuation, and paragraph writing. The course emphasizes developing these skills through reading, writing, revision and editing, research, and mechanics. Students who pass the class with a 'C' may enroll in ENGL 120C. Students who pass the class with a 'B' or better may enroll in ENGL-220C.

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)

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)

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 non-English majors and is not to be taken by English majors as a substitute for ENGL-240C.
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

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.
Prerequisite: ENGL-120C

ENGL-260 Monsters and Maidens: British Lit 1785 3 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)

ENGL-262 Romanticism/Resistance: British Lit 1785 3 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.ÿ(Formerly Survey of British Literature II)

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.

ENGL-315 Teaching English/Mltrcltrl 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 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.
Co-Requisite: ENGL-315L

ENGL-315L Teaching English in a Multicultural Setting 1 Credit
Students seeking to complete the subject matter program in English must take this lab as a co-requisite to ENGL-315 Teaching English in a Multicultural Setting to ensure that they are integrating literacy content with their pedagogical experience. The lab focuses on specific pedagogical tasks and observations designed to orient the student toward teaching English at the junior high and high school levels. Students should plan on meeting with the lab instructor several times during the semester and will complete at least five assignment online.
Co-Requisite: ENGL-315

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

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. Non-English majors may receive credit for ENGL-230C by taking this course as a substitute.

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.

ENGL-350 Creative Writing 3 Credits
Students learn and implement the basic techniques and theory specific to the three genres: fiction, poetry, and drama. Lecture and workshop combined.
Prerequisite: ENGL-220C

ENGL-360 Dramatic Lit: Script Analysis 3 Credits
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.

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 startegies 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.

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 hand-on experienced in video and podcast production. May be repeated one time for credit.

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

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.

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.

ENGL-433 Global Voices: World Literature 3 Credits
An examiniation 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.

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.

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

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 or screen play. Lab fee.

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

ENGL-444 Culture Focus: 3 Credits
The specialized study of the creative expression of a particular cultural group, including written, oral, visual, musical, and performative creative traditions. Content will vary according to instructor, but might include Women writers, African American literature, Asian American, Native American literature, or the literature of Ireland, with commensurate critical approaches. May be repeated for credit.

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/Linguistics 3 Credits
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

ENGL-455 Sharkespeare 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.

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.

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.

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.

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.

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.

ENGL-480 Individual Studies: 1-3 Credits

ENGL-486 Adv Research Methods 3 Credits
Students will develop advanced techniques in literary research including computerized research, textual analysis, scholarly methodology and bibliography.

ENGL-489 C.S. Lewis II 3 Credits
Further study of the writings of C.S. Lewis emphasizing his articulation and defense of the Christian faith.

ENGL-499C Synecdoche: Captsone 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.

Environmental Sciences (ENVR)

ENVR-150C Intro to Environmental Sci 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

ENVR-150CL Intro to Environmental Sci 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

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.

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

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 soild. Lecture, 3 hours.

ENVR-305L Intro to Soil Sciences 1 Credit

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.

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.

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.

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.

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.

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. (Course previously under BUOM)

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. (Formerly BUOM 479 Marketing Strategies)

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.

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.

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

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.

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.

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.

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.

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.

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-103 World Civilizations I 3 Credits

HIST-104 World Civilizations II 3 Credits

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.

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.

HIST-204 World Civilizations II 3 Credits

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.

HIST-262 Research Methods in Hist/Poli Science 3 Credits
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, book reviews, and other scholarly works. Prerequisite for upper-division History and Political Science courses. Satisfies ENGL-220C requirement. Students are expected to take HIST/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

HIST-270 Special Topic: 1-3 Credits

HIST-275 Topics in American History 3 Credits
A study of five periods in American history emphasizing the development of a distinctive American culture.(meets Social Science requirement)

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.

HIST-310 History of Baseball 3 Credits
A study of America's national pastime from its mythical beginnings to its 21st-century role in American society. Includes political, sociological, economic, literary, and statistical elements.

HIST-316 Teaching Hist/Multcltr Setting 3 Credits
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 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 will be integrated throughout the course. This course is a prerequisite requirement for the Single Subject Credential program Lab fee.

HIST-317 Modern China 3 Credits
A study of the political and social history of China from the mid-nineteenth century, when European aggression forced China on a path to modernization, to the present.

HIST-319 Imperial China 3 Credits
A study of the political and social history of China from earliest times until the mid-nineteenth century.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

HIST-370 Wars of America 3 Credits
Examines the Civil War, World War II or the Vietnam War in depth. May be repeated for credit.

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.

HIST-374 U.S.Since 1963: Contemporary America History 3 Credits
Traces the loss of consensus through the sixties, Vietnam, Watergate, the end of the Cold War, and beyond.

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.

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.

HIST-444 Early American Republic 3 Credits

HIST-446 Colonial America 3 Credits

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 units for HIST/POLS-450, HIST/POLS-454, and HIST/POLS-457.)

HIST-451 Renaissance & 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.

HIST-452 History/Christianity in Amer. 3 Credits

HIST-453 American Social History 3 Credits

HIST-454 History/Poli Sci Internship 1-3 Credits
Internship with Vanguard University, local museum, archives, government office, or political campaign. Maximum of three units. (Maximum units for HIST/POLS-450, HIST/POLS-454, and HIST/POLS-457.)

HIST-455 History of California 3 Credits

HIST-456 History and Geography of Calif 3 Credits

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 units for HIST/POLS-450, HIST/POLS-454, and HIST/POLS-457.)

HIST-460 U.S. Diplomatic History 3 Credits

HIST-463 U.S. Diplomatic History 3 Credits

HIST-465 Civil War & Reconstruction 3 Credits

HIST-469 Special Topic: U.S.: 1-3 Credits
Experimental or occasional courses not offered on a regular basis. May be repeated for credit.

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.

HIST-471 The Emergence of Modern Amer. 3 Credits

HIST-472 U.S. Since WWII 3 Credits

HIST-480 Individual Studies: 1-4 Credits
May be repeated for credit.

HIST-483 History of Russia 3 Credits

HIST-485C Historiography 3 Credits
A capstone course that traces the evolution of historical theory, interpretation, and practice. Seminar format. Includes focus on integration of faith and learning within the discipline. Culminates with students developing their own philosophies of history. This course fulfills the Core Curriculum Capstone requirement for History majors.

HIST-490 Seminar: 1-3 Credits

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-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

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

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.

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.

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.

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.

ICST-470 Special Topic: 1-3 Credits
Study of a special topic in intercultural and urban studies. May be repeated for credit.

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.

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-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 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
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.

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-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

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

KINE-160 Intercollegiate Athl: Baseball 1 Credit

KINE-161 Intercol 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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-162 Intercol.Ath: 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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-163 Intercollegiate Ath: 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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-164 Intercol.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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-166 Inercol.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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-167 Intercol.Ath: 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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-168 Intercol.Ath: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.

KINE-170 Intercol.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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-171 Intercol.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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-172 Intercol.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 4 hours of KINE 160-178 can be counted toward the degree.

KINE-176 Intercollegiate Athl: Champions of 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.

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.

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.

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.

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

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

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. This course is only offered even years in the Fall.

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.

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.

KINE-258 Soc of Sport & Human Movement 3 Credits
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.

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.

KINE-291 Special Topic: 1 Credit
Study of a special topic in kinesiology. May be repeated for credit.

KINE-292 Special Topic: 2 Credits
Study of a special topic in kinesiology. May be repeated for credit.

KINE-293 Special Topic: 3 Credits
Study of a special topic in kinesiology. May be repeated for credit.

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

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.

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.

KINE-322 Measurement in Phy Educ/Recrea 3 Credits
Incorporates methods of lecture, laboratory, and field experiences in the construction, administration, and application of fitness and motor skills tests used in sports and physical education. Issues of grading and evaluation are also addressed using elementary statistics methods utilizing SPSS-PC and Excel.

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.

KINE-325 Motor Learning/Human Perform 3 Credits
This class explores the processes involved in the acquisition of motor actions. Emphasis is placed on how teachers can apply theoretical concepts to more effectively structure lessons. This course is only offered odd years in the 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

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

KINE-335 Growth/Motor Development 3 Credits
This course investigates theories of motor development of children, especially K-6. Special emphasis is placed upon sequential motor development patterns, the needs, interests, and abilities of the child in relation to physical, social, cognitive, and emotional domains. In addition, life-span motor development is discussed throughout the course which includes the changes that happen with aging.

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.

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.

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 5 hours of internship.

KINE-356 Team & Indiv/Dual Sports Analy 3 Credits
This course will introduce the instructional process of analyzing and sequencing skill components and performance techniques found within team and individual/dual sports. The course is designed to allow the student to engage in individual and cooperative teaching experiences that utilize multiple instructional strategies. Sport skills addressed may include basketball, volleyball, soccer, flag football, softball, tennis, golf, swimming, track and field.

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.

KINE-385 Therapeutic Modalities 2 Credits
A two-unit upper division course providing the student with information in the physics of modalities. The course will also instruct the student in the purpose, set-up, use, and contraindications of therapeutic modalities.

KINE-395 ECG andExercise 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

KINE-410 Health Education 3 Credits
The course will cover personal and community health problems, including discussions of hygiene, nutrition, and exercise as they relate to total fitness. The responsibilities of the teacher concerning current health problems, particularly family health, and the effects of narcotics and alcohol on the human body will be emphasized. (Meets the state's requirement for a Professional Clear Credential.)

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.

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.

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).

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.

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.
Prerequisite: KINE-325, KINE-335

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: MATH-168C or MATH-265C

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.

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

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.

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.

KINE-470 Special Topic: 1-3 Credits
Study in a special topic in the field of kinesiology. May be repeated for credit.

KINE-480 Individual Studies 1-3 Credits
May be repeated for credit.

Liberal Studies (EDUC)

EDUC-100 Intro/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 will be addressed. Career opportunities and expectations for teachers will be discussed. Students will be encouraged to assess and reflect upon their own educational experiences, skills, and learning styles as they interact with current practitioners and education literature. Students will 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.

EDUC-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.

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 will be guided in thinking about and moving toward their future role as a teacher. Students will be 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.

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 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.

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 will be introduced and connected.

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 will be required. Limited enrollment by permission only. See the Chair of the Department of Liberal Studies for further information.

EDUC-315 Teaching/Multicultural Setting 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 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. PREREQUISITE: Liberal Studies majors must complete EDUC-100 prior to taking this course.ÿLab fee. Prerequisite: EDUC-100

EDUC-326 Child & Adolescent Development 3 Credits
This course is recommended for those interested in professions involving children. Drawing mainly from an education psychology perspective, the process of human development from conception through adolescence. Emphasis is placed on development which 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 give you practice applying content. Students will be exposed to the psychology behind teaching and learning, as it exists in classrooms and beyond.

EDUC-330 Integrating Tech/Clssrm Teachg 3 Credits
A study of the nature and use of technology in the educational process. An emphasis is placed on both teachers and students utilizing 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.

EDUC-342 Language Acquisition in Linguistically Diverse Classrooms 3 Credits
This 3 unit course explores strategies and techniques to support the success of language and culturally diverse students. 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 will learn how to design lessons for children and young adults that use a communicative, interactive approach and will micro teach those lessons in class. They will investigate, critique and use a variety of EFL materials. Students will be required to do 10 hrs of fieldwork in an English tutoring center and classroom.

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. 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.

EDUC-346 Intro to Special Education 3 Credits
This course provides a basic understanding about the historical, legal, and social foundations of special education. Students will explore strategies on 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 will also examine legal issues and laws pertaining to special education giving attention to school compliance and student and parent rights. Students will observe a special education classroom for 10 hours. During their fieldwork experience, candidates will 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.

EDUC-409 Foundations in Teaching (MS) 2 Credits
This course provides the philosophical and historical foundations of education. Teaching candiddates 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. Indivdiuals become familiar with the cultural and indivdiual diversity of the school community. PREREQUISITE: Completion of Subject Matter Preparation Program or CSET.

EDUC-419 English Language Arts/Elem Class (MS) 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 blanced, comprehensive, instructional program. Specific content knowledge needed in preparation for RICA is aligned in this course. PREREQUISITE: Completion of Subject Matter Preparation Program or CSET.

EDUC-423 Instr Design/Specific Pedagogy (MS) 4 Credits
In this course, candidates strengthen their subject matter expertise and application by familiarizing themselves with subject mattter content standards and appropriate pedagogical strategies for teaching specific subject matter disciplines (math, science, social studies, etc.). These strategieies 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 practictioners, teacher candidates develop lessons using the Backward Design planning straetgy 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. PREREQUISITE: Completion of Subject Matter Preparation Program or CSET.

EDUC-424 Found/Teaching for Single Subj 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.

EDUC-425 Early Supervised Fieldwork (MS) 4 Credits
This early supervised field experience provides the candidate with an opportunity to work directly with learners in a University assigned secondary classroom with a Master Teacher for 100 hours for 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 fees cover CEAI Insurance, Master Teacher, and Subject Mentor. PREREQUISITE: Comletion of Subject Matter Preparation Program or CSET.

EDUC-426 Instr Des/Subj Spec Pedag-Mltp 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 experet 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.

EDUC-434 Curr Unit Planning/Single Subj 2 Credits
This course helps candidates to connect the subject matter content an dstandards toa ppropriate 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.

EDUC-435 Early Supervsd Fldwrk-Sngl Sub 4 Credits
This early supervised field experience provides the candidate with an opportunity to work directly with learners in a University assigned secondary classroom with a Master Teacher for 100 hours for 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 fees cover CEAI Insurance, Master Teacher, and Subject Mentor.

EDUC-437 Curriculum Unit Planning (MS) 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 activty, students need the opportunity to independently apply their learning. PREREQUISITE: Completion of Subject Matter Preparation Program or CSET.

EDUC-442 CalTPA Cycle 1 0.5 Credits
As of July 2018, California law requires all Multiple and Single Subjct teacher preparation programs to include a 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 will consist of two sections - section 1, for CalTPA Cycle 1, which will be taken during the first semester of Early Fieldwork Experience, and section 2, taken curing second semester or full-time student teaching, for CalTPA Cycle 2.

EDUC-443 CalTPA Cycle 2 0.5 Credits
As of July 2018, California law requires all Multiple and Single Subjct teacher preparation programs to include a 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 will consist of two sections - section 1, for CalTPA Cycle 1, which will be taken during the first semester of Early Fieldwork Experience, and section 2, taken curing second semester or full-time student teaching, for CalTPA Cycle 2.

EDUC-444 Lang Acquisition/Second Studnt 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 Metacogntn/Rdg Strategies-Sec 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 conceps. Candidates learn to teach to the strength of each personality type. Candidates also learn the basics of explicit reading instruction at the secondary level. Materials fee.

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.

EDUC-452 Literacy in the Content Area 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.

EDUC-455 Teaching Assistantship/Educ 1-3 Credits
This course will give the student opportunity for working as a teaching assistant in a local school. Included will be 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.

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 being used with students in K-12 classrooms. This course meets the CCTC standards for the level 1 technology requirement.

EDUC-470 Special Topic: 1-3 Credits
Study of a special topic dealing with education. May be repeated for credit.

EDUC-480 Individual Studies: 1-3 Credits
May be repeated for credit.
Prerequisite: EDUC-315

EDUC-486 Clinical Practice Seminar (MS) 2 Credits
Clinical practice experiences are designed to provide the candidate with a developmental and sequential set of activities that are integated 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 improving student learning. PREREQUISITE: Completion of Subject Matter Preparation Program or CSET.

EDUC-487 Clinical Practice Fieldwork (MS) 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 experienec the daily responsiblities 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. PREREQUISITE: Completion of Subject Matter Preparation Program or CSET.

EDUC-488 Clinical Practice Seminar Single Subject 2 Credits
Clinical practice experiences are desgined 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.

EDUC-489 Clinical Practice Fieldwork for Single S 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.

EDUC-490 Seminar: 3 Credits
Mutual investigation of one topic in education studies of particular relevance to upper division liberal studies majors. May be repeated for credit.
Prerequisite: EDUC-315

EDUC-499C Senior Capstone in Lib Studies 3 Credits
Students will investigate key ideas from the California Curriculum Frameworks and the California Student Academic Content Standards. Students will 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 will be assigned to conduct 10 hrs of fieldwork experience at a prearranged elementary school site and the experience will serve as the primary basis of all classroom activities.

Management (MNGT)

MNGT-P225 Career Transitions: Landing Your Ideal 3.0 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-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. (Course previously listed under BUOM)

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)

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)

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)

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. (Formerly BUOM 371 Group and Organizational Behavior)

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. (Course formerly BUOM)

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)

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. (Course previously under BUOM)

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. (Formerly BUIS 456 Computing Fundamentals and MIS).

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. (Formerly BUOM 463 Principles of Management and Supervision)

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.

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. (Course previously under BUOM)

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-224 Career Transitions: Landing Your Ideal 3.0 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-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.
Prerequisite: BUSN-114

MNGT-330 Nonprofit Management 3 Credits
Integrates research, theory, and application into an overview of the management of nonprofit organizations, including the scope and structure of the nonprofit sector, fundraising and earned income strategies, nonprofit lobbying and advocacy, managing international and global organizations, and social entrepreneurship. This course is open to all students with Sophomore, Junior, or Senior standing.
Prerequisite: MNGT-325

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.

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.
Prerequisite: MNGT-325

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.
Prerequisite: MNGT-325

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.

MNGT-425 Career Transitions: Landing Your Ideal Job 3.0 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-452 Summer Study Tours 1-8 Credits
Occasional Summer trips to international sites. Will include some coursework along with travel and tour. Units are computed according to the duration of the tour and the hours of instruction, 1 unit per week of travel.

MNGT-457 Semester Study Abroad 12-16 Credits

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.

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.

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.

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.

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. (Formerly BUOM 473 Marketing in a Global Economy).

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. (Formerly BUOM 485 Strategic Marketing Management.)

MRKT-322 Direct & Interactive Marketing 3 Credits
Principles and strategies for direct and Internet marketing. Includes study of techniques and methodology for maximizing effectiveness of programs. Integrated with overall marketing plan development.

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-116 or MATH-170; and BUSN-165C orPSYC-265C or its equivalent.

MRKT-362 Advertising & Promotion 3 Credits
Advertising and promotion principles and concepts. Includes practical application of textbook learning. Creative development of TV, radio and print advertising, and consumer promotions. Development of advertising, media, and promotion plans.

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.

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

MRKT-367 Multinational Marketing 3 Credits
Models for delivery of international promotions are studied with an emphasis upon cross-cultural considerations and complications.

MRKT-368 Retailing/Merchandise 3 Credits
Focuses upon those distribution channels, promotional techniques, and customer relations unique to the retail industry. Special emphasis is directed toward individual development of marketing plans.

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.

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.

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, non-profit, 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 orBUSN-317; and MRKT-360 with a 'C' or better.

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.

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.

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)

MATH-106 Business Math 4 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)

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)

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-117 College Trigonometry 3 Credits
Complex numbers, trigonometric functions and applications.

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: MATH-145C

MATH-145C Data Analysis 3 Credits
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-170 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.

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. This course fulfills the Math CORE requirement.

MATH-180C Calculus 1 4 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 Math CORE requirement.
Prerequisite: MUST COMPLETE: MATH-170c

MATH-181 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 or permission of instructor

MATH-181C Calculus II 4 Credits
PREREQUISITE: MATH-180 or Consent of the Instructor 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: Must take MATH-180 or have consent of the instructor

MATH-207 Computer Programming 3 Credits
Open to all majors, this course offers the basic concepts of programming, problem solving, programming logic, as well as the design techniques. Programming language is chosen from languages such as Visual Basic, C ++ and MatLab. Special fee for computer lab use.

MATH-210 Technical Writing 3 Credits
Expository writing on technical subjects dealt with in industry, science, and education. Long and short forms including reports, proposals, journal articles, and research papers.

MATH-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.

MATH-265C 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 majoring in Accounting, Anthropology, Psychology, or Sociology must take MATH/PSYC/SOC 265C to fulfill the core curriculum requirement in mathematics. Students majoring in Mathematics are exempt from taking the core curriculum requirement in mathematics.

MATH-270C Health Professions Statistical Methods 3 Credits
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.

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; and second-order differential equations.

MATH-285 Intro to Adv 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-180 or MATH-180C

MATH-291 Special Topic: 1 Credit
Study of a special topic in mathematics. May be repeated for credit.

MATH-292 Special Topic: 2 Credits
Study of a special topic in mathematics. May be repeated for credit.

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

MATH-310 Differential Equations 3 Credits
Methods of solution of ordinary differential equations and applications.

MATH-315 Teaching/Tutoring 3 Credits
This course is designed to give the student introductory experiences in both tutoring and planning classroom observations. These early field experiences will link together mathematical content along with classroom management and interaction with students from diverse populations represented in the California public schools. 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.

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.

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-181 or MATH-181C, MATH-285

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.

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: MATH-281or equivalent

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.

MATH-410 Abstract Algebra 3 Credits
An introduction to modern ideas of algebra, set theory, groups, rings, and fields.

MATH-420 Higher Geometry 3 Credits
Euclidean geometry from an advanced standpoint, and topics in non-Euclidean geometry.
Prerequisite: MATH-285

MATH-450 UG Research and 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 MATH-450 or MATH-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 buisness firm providing an opportunity to integrate classroom teaching in practical application under the direct supervision of the assigned intructor. Students are responsible for completing a project report and presenting their research results in MATH-499C

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, recitation and/or laboratory session. This course may be taken for 1-3 units per semester. May be repeated for a maximum of six units.

MATH-470 Special Topic: 1-3 Credits
Study in a special topic in mathematics. May be repeated for credit.

MATH-480 Individual Studies: 1-3 Credits
May be repeated for credit.

MATH-485 Undergraduate Research 2 Credits
This course provides the student with an empreically-based research experience in the mathemaical, biological, or chemical sciences. This course is structured around addressing problems in advanced laboratory research with emphasis on research techniques include: project managment, safety, instrumentation, computer programming, and notebook documentation. Research is carried out under the supervision of hte instructor with weekly conferences to discuss results and direction. 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 MATH/BIOL/CHEM-499C. This course is a variable credit course. At least two units are recommended for all mathematics, environmental sciences, and biology majors and are required for all chemistry, engineering physics, and biochemistry majors. A minimum of 50 hours of laboratory work is required per unit. May be repeated. Lab fee.

MATH-488 Senior Project 2 Credits
An advance 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 int he Fall. The porject resuts must also be presented in MATH-499C.
Prerequisite: MATH-285

MATH-499C Mathematics Capstone 2 Credits
This course includes analysis and evaluation of current research in STEM and the integration of faith and learning in the mathematical scienes. An oral presentation of MATH-485 or MATH-488 is required. In-class presentations by faculty and guests are a part of the course. Attendance of both on-campus and off-campus seminars are required. This course fulfills the Core Curriculum Captstone requirement for Mathematics majors.

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.

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.

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.

MILD-365 Theo/Church Mission/Ministry 3 Credits
A theological understanding of the ministry of the church and its mission to the world.

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.

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.

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.

MILD-410 Current Issues in Missions Studies 3 Credits
Issues considered range from the ethics of evangelism and proselytism to teh cultural dynamics of politics and economics.
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.

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.

MILD-461 Theological Thms-Old Testament 3 Credits
A study of selected, major themes in the writings of the Old Testament.

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.

MILD-463 Theo Themes-The New Testament 3 Credits
A study of selected, major themes in the writings of the New Testament.

MILD-464 Ministry-Preaching & Teaching 3 Credits
A study of the theology and practice of preaching and teaching.

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.

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.

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.

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.

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.

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 sight-singing and ear-training. Students must receive a grade of 'C-' or higher to advance to Music Theory I (MUSC 131). This course does not count toward the music major/minor requirements.

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. This course is required of all Music Majors, Worship Studies and Music Minors studying guitar as their applied instrument. Music students wishing to be exempt must pass the guitar placement requirement. 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-114B Recital Attendance 0 Credits

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.

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.

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.

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

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.

MUSC-201 Introduction to Music Education 2 Credits
An overview of the music teaching profession and its philosophical and practical application for 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.

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.

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

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. Open to members of the Concert Choir, Women's Chorus, or Concert Orchestra by audition and interview. Lab fee.

MUSC-222 Percussion Ensemble 1 Credit
Study and performance of percussion ensemble literature from all musical periods. Meets two hours each week. Open to all students by audition. Offered upon demand. Does not meet the music major ensemble requirement.

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

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

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.

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.

MUSC-240 University Orchestra 1 Credit
Instrumental ensemble for the study and performance of orchestral literature, including classics, spirituals, hymn/anthem arrangements and contemporary Christian music. Performs at special concerts on and off campus; provides accompaniment for the University Concert Choir, including annual Spring tour. Meets three hours weekly. Open to all undergraduate and graduate students by audition and interview. Meets the music major ensemble requirement.

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.

MUSC-242 Guitar Quartet 1 Credit

MUSC-244 Concert Band 1 Credit
The Vanguard University Concert Band is a winds and percussion ensemble based on traditional concert band instrumentation. The University Concert Band performs large ensemble works and focuses on providing members with a variety of repertoire, including standard for the ensemble, popular works, new music, and non-traditional collaborations. This ensemble also provides music education majors with exposure to music and teaching techniques applicable to their future careers. Open to all students, alumni, and community members by audition. Concerts for the University Concert Band are on campus and at a variety of off-campus venues. Does not meet the music major ensemble requirement. Meets the secondary small ensemble requirement.

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.

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.

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.

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-275 Applied Music: Instrument 1 Credit

MUSC-276 Applied Music: Organ 1 Credit

MUSC-277 Applied Music: Piano 1 Credit

MUSC-278 Applied Music: Voice 1 Credit

MUSC-288 Transfer Hist/Rock Music 3 Credits

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.

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 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

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.

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.

MUSC-315 Applied Music: Instrument 1 Credit

MUSC-319 Vanguard Singers and Band 1 Credit
Refer to MUSC 219 . Vanguard Singers and Band

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

MUSC-326 Music Hist/Lit II (1600-1900) 3 Credits
A survey of music history from the Classical and Romantic eras (1750 - 1900). Offered Spring only. Lab fee

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

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.

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

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.

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.

MUSC-340 University Orchestra 1 Credit
Refer to MUSC 240 . University Orchestra

MUSC-341 Women's Chorus 1 Credit
Refer to MUSC 241 . Women's Chorus

MUSC-342 Guitar Quartet 1 Credit

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 self-accompany via guitar, ukulele, piano, garage band, for example.

MUSC-344 Concert Band 1 Credit
The Vanguard University Concert Band is a winds and percussion ensemble based on traditional concert band instrumentation. The University Concert Band performs large ensemble works and focuses on providing members with a variety of repertoire, including standard for the ensemble, popular works, new music, and non-traditional collaborations. This ensemble also provides music education majors with exposure to music and teaching techniques applicable to their future careers. Open to all students, alumni, and community members by audition. Concerts for the University Concert Band are on campus and at a variety of off-campus venues. Does not meet the music major ensemble requirement. Meets the secondary small ensemble requirement.

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.

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

MUSC-352 Internship 1 Credit
A 12-week internship in the music industry (non-profit, church or for-profit). 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.

MUSC-358 Guitar Pedagogy 2 Credits
This course is designed to examine the historic and contemporary materials and techniques available for effectively teaching the guitar to students at all levels. The course surveys a wide range of method and studies, and examines the effectiveness of various pedagogical approaches to technique and interpretive analysis. Offered Spring of odd years.

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

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.

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-225

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.

MUSC-407 Creative Worship Workshop 2 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-408 Music Ministry Administration 3 Credits
Practical elements of worship ministry, including leadership qualities, functioning on a church staff, designing and leading biblical worship, and effective leadership as a pastoral musician. Offered Fall of even years. Lab fee.

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.

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.

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.

MUSC-450 Music Ministry Internship 1 Credit
Student is responsible to make arrangements and receive faculty approval of an internship site. Course approval notification will be submitted to the academic advisor prior to registration. Participation in an in-church experience for planning, leading, and evaluating corporate worship. Particulars should give the student concrete experience in the student's major area of emphasis. Offered on a credit/fail basis only.

MUSC-451 Worship Leader Internship 1 Credit
Student is responsible to make arrangements and receive faculty approval of an internship site at which the student will work a minimum of ten hours per week. Course approval notification will be submitted to the academic advisor prior to registration. Participation in an in-church experience for planning, leading, and evaluating corporate worship, particularly in the area of music and the arts. Offered on a credit/fail basis only.

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.

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-477 Applied Music: Piano 1 Credit

MUSC-478 Applied Music: Voice 1 Credit

MUSC-480 Individual Studies: 1-3 Credits
Open to qualified upper division students. May be repeated for credit.

MUSC-481 Applied Music: Instrument 1 Credit

MUSC-482 Applied Music: Instrument 1 Credit

MUSC-483 Applied Music: Piano 1 Credit

MUSC-484 Applied Music: Piano 1 Credit

MUSC-485 Applied Music: Voice 1 Credit

MUSC-486 Applied Music: Voice 1 Credit

MUSC-487 Applied Music: Organ 1 Credit

MUSC-488 Applied Music: Organ 1 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, MUSI-492

MUSC-498C Final Presentation for Worship Studies 2 Credits
Proposal for presentation must be submitted to the advisor the first month of the semester. Students may choose from a variety of presentation styles, including but not limited to 20-30 minute formal recital, film or media presentation, planning and leadership of service of worship music, coordination of worship art exhibit. Students will be required to submit a reflection on the project and a reflection paper discussing the synthesis of faith and music with the academic journey. This course fulfills the Core Capstone requirement for the Bachelor of Arts in Worship Studies. Lab fee.

MUSC-499 Faith, Life, and Worship Arts With Seminar 2 Credits
This seminar course addresses issues related to obtaining a position and working within the context of a changing church organism. Topics vary, but will consistently address the resume and audition package, interviewing for a position, as well as the actuality of merging new ideas or technology (often conference content) with the real situation of a home church. Offered Spring of even years.

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.

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.

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.

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.

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.

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.

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.

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.

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-355 Jazz Music History 3 Credits

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.

MUJZ-370 Jazz Improv Styles/Analysis 2 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. Attendance of 3 concerts required. This course satisfies the Core Curriculum Fine Arts requirement. Offered Spring of even years. Lab fee.

Music Performance (MUPF)

MUPF-175 Applied Music: Instrumental 2 Credits

MUPF-176 Applied Music:Organ 2 Credits

MUPF-177 Applied Music:Piano 2 Credits

MUPF-178 Applied Music:Voice 2 Credits

MUPF-215 Applied Music:Instrumental 2 Credits

MUPF-217 Applied Music: Piano 2 Credits

MUPF-218 Applied Music: Voice 2 Credits

MUPF-231 Applied Instruction: Organ 2 Credits

MUPF-275 Applied Music: Instrumental 2 Credits

MUPF-277 Applied Music: Piano 2 Credits

MUPF-278 Applied Music: Voice 2 Credits

MUPF-315 Applied Music: Instrumental 2 Credits

MUPF-317 Applied Music: Piano 2 Credits

MUPF-318 Applied Music: Voice 2 Credits

MUPF-375 Applied Music: Instrumental 2 Credits

MUPF-377 Applied Music: Piano 2 Credits

MUPF-378 Applied Music: Voice 2 Credits

MUPF-415 Applied Music: Instrumental 2 Credits

MUPF-417 Applied Music: Piano 2 Credits

MUPF-418 Applied Music: Voice 2 Credits

MUPF-475 Applied Music:instrumental 2 Credits

MUPF-477 Applied Music: Piano 2 Credits

MUPF-478 Applied Music: Voice 2 Credits

MUPF-481 Applied Music: Instrumental 2 Credits

MUPF-482 Applied Music:instrumental 2 Credits

MUPF-483 Applied Music: Piano 2 Credits

MUPF-484 Applied Music: Piano 2 Credits

MUPF-485 Applied Music: Voice 2 Credits

MUPF-486 Applied Music: Voice 2 Credits

MUPF-487 Applied Music: Organ 2 Credits

MUPF-488 Applied Music: Organ 2 Credits

MUPF-491C Senior Recital and Research 2 Credits
For Bachelor of Music degree candidates with a major in performance. Preparation and presentation of representative works on the primary instrument in a forty-five-minute solo recital. Also includes independent research culminating in detailed program notes, a research paper on a special topic related to the recital program 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 requirements for the Bachelor of Music in Performance and Jazz Studies degrees. Lab fee.

Music Theory & Composition (MUTC)

MUTC-320 Advanced Midi 2 Credits

MUTC-391 Junior Recital 1 Credit

MUTC-433 Scoring for Film/Television 4 Credits

MUTC-495 Senior Recital in Composition 1 Credit

Natural Science (NSCI)

NSCI-210C The Empirical World 3 Credits
A course in the natural and physical sciences emphasizing man's relationship to the physical world. Relevant topics from physics, chemistry, earth science, and biology will be explored. The course will focus on contemporary issues such as the ecological, economic and human health impacts of air and water pollution, global climate change, ozone depletion, hazardous and solid waste, alternative energy resources, soil, resource depletion, biotechnology, diet and food safety. Completion of accompanying lab (NSCI-210CL) is required to satisfy the core curriculum requirement in natural science.
Co-Requisite: NSCI-210CL

NSCI-210CL The Empirical World Lab 1 Credit
A laboratory course in the natural and physical sciences to accompany NSCI-210C emphasizing the process of problem solving using the scientific method. All laboratory experiences are under the direct supervision of the faculty and are designed to give the student hands-on experience in the study of our natural and physical environment. Where possible the laboratory experiments will be coordinated with the material being covered in lecture. The laboratory experience may include supervised field trips. Lab fee.
Co-Requisite: NSCI-210C

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)

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.

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.

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.

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

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.

NT-315 Gospel of Mark 3 Credits
A study of the background, theology, community and literary significance of the Markan traditions of Jesus.

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.

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.

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.

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 Luke-Acts and providing him or her with an outline of primitive church history.
Prerequisite: NT-101C

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.

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

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

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.

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.

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.

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.

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.

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.

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

NTG-502 Advanced Greek II 2 Credits

NTG-503 Beginning Greek I 4 Credits
An introduction to Greek grammar, vocabulary and syntax for the graduate student. Offered alternate years.

NTG-504 Beginning Greek II 4 Credits
A continuation of Beginning Greek I.

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.

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.

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.

NTG-550 Independent Study/New Testament 1-3 Credits

NTG-552 New Testament Theology 3 Credits

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.

NTG-632 Intermediate Greek II 3 Credits
A continuation of Greek I. Offered alternate years.

NTG-650 Independent Study in New Testament 1-4 Credits

NTG-670 Special Topic: 1-3 Credits
Study in a special topic in New Testament.

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.

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.

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.

Nursing - Pre-Licensure (NRS)

NRS-302A Fundamentals of Nursing Theory and Practice 2 Credits
This course introduces the student to the history and theories of professional nursing practice. The roles of the nurse as provider of care; designer, manager and coordinator of care; and member of the profession are explored. Basic nursing skills are introduced with an emphasis on patient activities of daily living, therapeutic communication, patient safety, and documentation. The associated lab (45 hours) allows the student to practice fundamental skills in a simulated patient care environment.

NRS-302B Fundamentals of Nursing Theory and Practice 2 Credits
This course builds upon evidence-based concepts, knowledge, and skills introduced in NRS 302 A. Using the nursing process, the student will assess alterations in health and illness, and intervene with appropriate nursing care. The lab portion of the course (45 hours) provides the opportunity for the student to master fundamental nursing care and basic nursing skills in a simulated patient care environment.

NRS-350 Nurs Care/Adult & Older Adult I 6 Credits
This 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. Students will have opportunity to learn and practice skills associated with moderately complex health needs. Concurrent clinical experiences (135 hours) will be spent in simulated, community-based, and acute care environments.

NRS-355 Physical Assessment 3 Credits
This 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. Course format consists of 2 hours of lecture and 3 hours of lab per week in a simulated patient care environment.

NRS-360 Psyc & Mental Health Nursing 4 Credits
This course provides evidence-based concepts and clinical experiences related to providing care for the client 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 with mental illness. Holistic approaches to care and therapeutic communication will be explored. Concurrent clinical experiences (90 hours) will be spent in simulated, community-based, and acute care settings.

NRS-365A Integr Pathophys/Pharmacology 2 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.

NRS-365B Integr Pathophys/Pharmacology 2 Credits
This course builds upon content learned in NRS 365 A. Using a system's approach, a continuation of pathophysiological principles is provided and applied to current nursing practice. Pharmacological principles and the major drug classifications will be further explored in conjunction with the pathophysiological process.

NRS-370 Nurs Care/Adult & Older Adult II 6 Credits
This course provides classroom and clinical experiences in optimally caring for the adult and older adult patient, while building upon evidence-based concepts learned in NRS 350 Nursing Care of the Adult I. 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. Concurrent clinical experiences (135 hours) will be spent in simulated, community-based, and acute care environments.

NRS-375 Maternity/Women's Health 4 Credits
This course provides evidence-based concepts and clinical experiences in the care and management of women's health and illness across the lifespan. Focus is on family-centered care, teamwork and collaboration, patient safety, and quality improvement in caring for women and their newborns. Concurrent clinical experiences (90 hours) will be spent in simulated, community-based, and acute care environments.

NRS-380 Nursing Faithfully Elective 2 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. Local field activities will facilitate the opportunity to minister to diverse populations.

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.

NRS-400 Nursing Care/Crit Ill Adult/Older Adult 6 Credits
This course provides evidence-based concepts and clinical experiences in caring for the critically and emergently ill adult and older adult. The nursing process will be applied 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. Concurrent clinical experiences (135 hours) will be spent in simulated and acute care settings.
Prerequisite: Must complete NRS-370

NRS-420 Nurs Care/Child/Adolescent 4 Credits
This course provides evidence-based concepts and clinical experiences 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. Concurrent clinical experiences (90 hours) will be spent in simulated, community-based, and acute care environments.
Prerequisite: NRS-375

NRS-460 Leadership & Management 3 Credits
This course explores theories of leadership/management. Emphasizes the importance of accountability, advocacy, communication, inter-professional collaboration in the leadership role, as well as the importance of promoting optimal patient care outcomes. Clinical experiences (45 hours) are with a nurse leader and assignments will be based on concepts presented in the lecture portion of the course.
Prerequisite: NRS-370

NRS-465 Nursing Resrch/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.

NRS-468 Comm Health Nurs/Clin Studies 5 Credits
This course provides evidence-based concepts and clinical experiences in the provision of nursing care to individuals, families, and populations in the community setting. Issues such as child abuse and family violence will be explored. Ninety (90) hours of clinical practice in public/community health settings are required to successfully complete this course. The remainder of the required child abuse content for the Public Health Nurse certificate (PHN) is included (5 hours). Two additional hours of child abuse content are covered in NRS 455 Nursing Care of the Child and Adolescent. This course qualifies the BSN graduate for Public Health Nursing certification.

NRS-475 Clinical Nurs Preceptorship 4 Credits
This capstone course focuses on the clinical application of evidence-based concepts of nursing and related coursework in the care of selected populations. A one-unit weekly seminar will provide the opportunity for guided discussions and debriefing with faculty and peers. This clinical experience (135 hours) will further expose students to the complexities of multiple nursing roles.

NRS-478 Nursing Faithfully 2 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. Local field activities will facilitate the opportunity to minister to diverse populations.

Nursing-SPS (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.

NURS-305 Nursing Theory/Profesnl Pract 3 Credits
This course assists students with their transition into the role of a professional BSN prepared nurse. Special emphasis will be placed on the philosophy of baccalaureate nursing education and critical thinking skills. Discussion and comparison of concepts will be applied to the practice of professional nursing. Integration of theory into subsequent course work and professional practice will be explored. This course is offered seated and online.

NURS-310 Information Tech in Nursing 3 Credits
Students will be introduced to computer applications in nursing and health care. They will develop computer literacy skills in the areas of information processing, computer technology, and issues related to privacy and confidentiality. Students are expected to share their findings with class members in presentation format. Computer laboratory experience will include an investigation of computer applications within nursing, focusing specifically on their use in nursing administration, research, clinical practice and education. This course is offered seated and online.

NURS-315 Writing/Crit Analy/Hlth Issues 4 Credits
This course focuses on critical thinking and research writing relevant to learning and practice in nursing. Includes self-assessment, collaborative learning, problem solving approaches, and clinical decision making. Applies critical analysis to health-related issues. Proper APA format will be emphasized and required for all written work. This course is offered in seated and online formats.

NURS-316 Writing/Critical Analysis/Health-Related 4 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 heal-related topics. Proper APA format will be emphasized and required for all written work.

NURS-320 Ethical Iss/Leg Aspects/Nurs 4 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.

NURS-325 Multi-Dimensional Assmt/Lab 4 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. Two hours of the required Child Abuse content for the Public Health Nurse certificate (PHN) will be included in this course.

NURS-327 Health Assessment 4 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-415 Sociocult Cntxt/Diversity/Nurs 4 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 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 4 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.

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.

NURS-510 Spirituality & Care in Prof 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 inter-professional spiritual care team approach will also be evaluated.

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.

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.

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.

NURS-536 Gerontology Care Fortoday and the Future 2 Credits
This course is designed to provide the graduate nursing student with a framework necessary to assess the health status of a growing gerontology population. Theories of aging, political, legal, and ethical dimensions affecting seniors, influences on disease prevention /health promotion, and care management will be explored and synthesized. Students will present the latest research data and the application to nursing practice.

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.

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 the educational settings in today's culture.

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.

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.

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.

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

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.

NURS-635 Class/Course Preparation,Planning, and 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 in-service or presentation will also be measured, via this evaluation, in terms of instructor effectiveness, content clarity, and relevance.

NURS-640 Project Implementation, Final Written Report and Defense 1-3 Credits
Project implementation, the completed written report and the defense make up the final phase of this thesis project. Variable unit course. The students will have the opportunity to present a synopsis of the project to faculty and classmates. The on-line portion of the course will provide on-going support and assistance from the faculty of record. The seminars will serve as a format for debriefing and project defense presentations. The project must be completed during this course.

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 asssistance from an appointed faculty advisor. The project must be completed during this course.
Prerequisite: NURS-516, NURS-625

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.
Prerequisite: NURS-610

NURS-651 Advanced Education Practicum 4 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

NURS-653 Leadership Practicum in Healthcare 4 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

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.

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).

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.

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

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.

OT-310 Psalms 3 Credits
A study of selected Psalms, especially noting the structure, language, meaning, authorship, and historic setting of each.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

OT-406 Advanced Hebrew I 2 Credits
Syntactical and exegetical analysis of selected portions from the Hebrew Old Testament. Offered on demand.

OT-407 Advanced Hebrew II 2 Credits
Syntactical and exegetical analysis of selected portions from the Hebrew Old Testament. Offered on demand.

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.

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

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

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.

OTG-504 Beginning Hebrew II 4 Credits
A continuation of Beginning Hebrew I. Offered alternate years.

OTG-505 O.T. Life and Literature 3 Credits

OTG-506 Advanced Hebrew I 2 Credits

OTG-507 Advanced Hebrew II 2 Credits

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.

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.

OTG-520 Current Issues/Old Testament 3 Credits

OTG-521 Apocalyptic Literature 3 Credits

OTG-530 Kingdom/God-Old Testament 3 Credits

OTG-535 Moral Issues/Old Testament 3 Credits

OTG-540 Seminar: 3 Credits

OTG-541 Seminar: 3 Credits

OTG-542 Seminar: 3 Credits

OTG-546 Semitic Languages: 3 Credits

OTG-547 Semitic Languages II 3 Credits

OTG-550 Independent Study/Old Test. 1-3 Credits

OTG-562 Selected Themes/OT Theology 2-4 Credits

OTG-566 Introduction to Judaism 4 Credits

OTG-570 Special Topic: 1-3 Credits

OTG-572 Old Testament Theology 3 Credits

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

OTG-584 Bibl Theo of Pwr,Wlth & Prosp 4 Credits

OTG-586 Bibl Theo/Power,Wlth,Prosper 3 Credits

OTG-625 Current Issues/O.T. Studies 3 Credits

OTG-630 Kingdom of God/Old Testament 3 Credits

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.

OTG-632 Intermediate Hebrew II 3 Credits
A continuation of Intermediate Hebrew I. Offered alternate years.

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.

OTG-650 Independent Studies/O.T. 1-4 Credits

OTG-670 Special Topic: 1-3 Credits
Study in a special topic in Old Testament.

OTG-680 Individual Study in Old Testament 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. Up to a maximum of four units may be applied toward the degree requirements.

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.

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.

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.

PLST-312 Intro/Pastoral Care 2 Credits
Permission of the instructor for non-majors. 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.

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

PLST-347 Ministry and Media 3 Credits

PLST-372 Res/Meth/Study/Ethics/Chrs Ldr 3 Credits

PLST-406C Music and Worship 3 Credits

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

PLST-423 Sociology of Religion 1-3 Credits

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.

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.

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.

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

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.

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.

PLST-450 Ministerial Internship 3-12 Credits
The internship program is a full-time, one-semester course of intensive in-service 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.

PLST-455 Current Issues/Youth Ministry 3 Credits

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 on-scene administrator and the religion faculty member. May be repeated for credit. Note: Application forms are available in the Department of Religion office.

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.

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.

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.

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.

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.

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

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. Three hours of lecture. This course fulfills the core curriculum lecture requirement in natural sciences.
Prerequisite: MATH-117 or MATH-170
Co-Requisite: PSCI-130CL or PSCI-130CR

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. This course fulfills the core curriculum laboratory requirement in the natural sciences. Laboratory three hours. Lab fee.
Prerequisite: MATH-117 or MATH-170
Co-Requisite: PSCI-130C

PSCI-130CR Gen Physics I Recitation 1 Credit
This course reinforces the basic tenets of physics introduced in the lecture course. This course encourages practical and analytical thinking about kinematics, Newton's Laws, rotational motion, fluid mechanics, and laws of thermodynamics. One hour problem-solving session per week; credit/fail course.

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.

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.

PSCI-131R Gen Physics II Recitation 1 Credit
This course reinforces the basic tenets of physics introduced in the lecture course. This course encourages practical and analytical thinking about mechanical waves, sound, Coulomb's Law, electrostatics, electric circuits, introductory electronics, magnetic fields, induction, wave mechanics, geometrical optics, interference, diffraction, and polarization. One hour problem-solving session per week; credit/fail course.

PSCI-215 Fundamentals of Earth Sci 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)

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 215CL.

PSCI-215CL Fundamentals of Earth Science Lab 1 Credit
Co-Requisite: PSCI-215C

PSCI-216 Fundamentals of Physical Sci 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 Sci 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.

PSCI-216CL Fundamentals of Phys Sci Lab 1 Credit

PSCI-223C Mechanics and Heat 3 Credits
Kinematics, Newton's Laws, rotational motion, fluid mechanics, and laws of thermodynamics. Three hours of lecture.
Prerequisite: MATH-180
Co-Requisite: PSCI-223CL or PSCI-223CR

PSCI-223CL Mechanics and Heat 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. Laboratory three hours. Lab fee.
Prerequisite: MATH-180
Co-Requisite: PSCI-223C

PSCI-223CR Mechanics and Heat Recitation 1 Credit
This course reinforces the basic tenets of physics introduced in the lecture course. This course encourages practical and analytical thinking about kinematics, Newton's Laws, rotational motion, fluid mechanics, and laws of thermodynamics. One hour problem-solving session per week; credit/fail course.

PSCI-225 Electricity, Magnetism/Light 3 Credits
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.

PSCI-225L Electricity/Magntsm/Light 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. Laboratory three hours. Lab fee.

PSCI-225R Electricity, Magnetism/Light Recitation 1 Credit
This course reinforces the basic tenets of physics introduced in the lecture course. This course encourages practical and analytical thinking about mechanical waves, sound, Coulomb's Law, electrostatics, electric circuits, introductory electronics, magnetic fields, induction, wave mechanics, geometrical optics, interference, diffraction, and polarization. One hour problem-solving session per week; credit/fail course.

PSCI-227 Modern Physics 3 Credits
Relativity, photoelectric effect, quantum theory, Bohr model of the atom, photons and matter waves, atoms, nuclear physics, energy from the nucleus, quarks, leptons, and cosmology.

PSCI-291 Special Topic: 1 Credit
Study of a special topic in physical science. May be repeated for credit. May have a lab fee.

PSCI-292 Special Topic: 2 Credits

PSCI-293 Special Topic: 3-4 Credits

PSCI-294 Special Topic: 4 Credits

PSCI-470 Special Topic: 3-4 Credits
Special topics in physical science. May be repeated for credit. May have a lab fee.

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. (meets Social Science requirement)

POLS-155C 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. Strongly recommended as a prerequisite for upper-division U.S. Government classes.

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.

POLS-262 Research Meth in Hist/Poli Sci 3 Credits
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, book reviews, and other scholarly works. Prerequisite for upper-division History and Political Science courses. Satisfies ENGL-220C requirement. Students are expected to take HIST/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

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.

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.

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.

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.

POLS-340 American Studies Seminars 8 Credits

POLS-345 U.S. Foreign Policy 3 Credits
Principles, practice, and ethical issues of United States foreign policymaking. Particular emphasis on the policymaking process.

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.

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.

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.

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 cost-benefit analysis, public administration, policy assessment, and the various views about concepts of the public good.

POLS-450 Poli Sci 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 units for HIST/POLS-450, HIST/POLS-454, and HIST/POLS-457.)

POLS-454 History/Poli Sci Internship 1-3 Credits
Internship with Vanguard University, local museum, archives, government office, or political campaign. Maximum of three units. (Maximum units for HIST/POLS-450, HIST/POLS-454, and HIST/POLS-457.)

POLS-455 Research Assistantship 1-3 Credits

POLS-456 U.S. Congress 3 Credits
Explores the development and operation of Congress as an institution. It also explores the nature of the members and their behavior in office. Important and timely issues relating to Congress will also be explored.

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 units for HIST/POLS-450, HIST/POLS-454, and HIST/POLS-457.)

POLS-469 Special Topic: U.S.: 1-3 Credits
Experimental or occasional courses not offered on a regular basis. May be repeated for credit.

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.

POLS-472 U.S. Presidency 3 Credits
Explores the historical development and operation of the Presidency as an institution. The performance of individual presidents and issues such as presidential elections, rhetoric, war powers, secrecy, and executive-congressional relations will also be addressed.

POLS-480 Individual Studies: 1-3 Credits
May be repeated for credit.

POLS-482 International Politics 3 Credits
Examination of the concepts and principles of the international political system.

POLS-490 Seminar: 1-3 Credits

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)

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.

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

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

PSYC-265C 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 majoring in Accounting, Anthropology, Psychology, or Sociology must take MATH/PSYC/SOC-265C to fulfill the core curriculum requirement in mathematics. Students majoring in Mathematics are exempt from taking the core curriculum requirement in mathematics.

PSYC-291 Special Topic: 1 Credit
A lower division study of a special topic in psychology and may be repeated for credit.

PSYC-292 Special Topic: 2 Credits
A lower division study of a special topic in psychology and may be repeated for credit.

PSYC-293 Special Topic: 3 Credits
A lower division study of a special topic in psychology and may be repeated for credit.

PSYC-312 Death, Grief, and Loss System 3 Credits
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

PSYC-320 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). The course is recommended early in the major and is a prerequisite for other psychology courses.
Prerequisite: PSYC-103C

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

PSYC-324 Social Psychology 3 Credits
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

PSYC-331 Diversity in the Helping Professions 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 Abnormal Psychology 3 Credits
A study of sociocultural, spiritual, emotional, cognitive, and behavioral deviations with regard to description, patterns of development, measurement, and treatment methods.
Prerequisite: PSYC-103C, PSYC-320

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

PSYC-336 Managing Crisis 3 Credits
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.

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-320, PSYC-332

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

PSYC-344 Family Violence 3 Credits
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: SOC-100C or PSYC-103C

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-320

PSYC-346 Human Sexuality 3 Credits
Human Sexuality provides an overview of human sexual anatomy, physiology, gender identity, sex role development and expression, modes of sexual expression, sexual deviation, the meaning of sexuality within relationships, and ethical considerations.
Prerequisite: SOC-100C, PSYC-103C, NSCI-210C, NSCI-201CL

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. Lab fee.

PSYC-352 Culture and Psychology 3 Credits
Culture and Psychology will cover the nature of culture and its applications to understanding human functioning. Students will examine cultural influences on thought, emotion, behavior, and relationships through exploring their own and other domestic and international cultures.

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.

PSYC-373 Psychology of the Family 3 Credits
Psychology of the Family 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.
Prerequisite: PSYC-103C

PSYC-374 Introduction to Industrial and 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.

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 orSOCS-2065C

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.

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.

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

PSYC-434 Group Dynamics 3 Credits
Group Dynamics explores the various stages of groups, including pre-group 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

PSYC-440 History & Systems/Psychology 3 Credits
A survey of the origin, development and decline of each major school of psychology from the ancient period to modern times, giving attention to the social and intellectual milieu from which the new approaches to the scientific study of humans emerged.

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.

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

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.

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-320, PSYC-332

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-320, PSYC-332

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.

PSYC-470 Special Topic: 1-3 Credits
An upper division study of a special topic in psychology. May be repeated for credit.
Prerequisite: PSYC-103C

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. Offered in the Fall semester.
Prerequisite: PSYC-381

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. Offered in the Spring semester.

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.

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.

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. Lab fee.
Prerequisite: PSYC-103C

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.

PSYC-490 Seminar 1-3 Credits
Seminar investigates topics of particular relevance to upper division psychology students. Professional development and career issues such as vita preparation and interview protocol are addressed. May be repeated for credit.

Psychology-Clinical-Graduate (PSYG)

PSYG-590 Seminar: 1-4 Credits
Study of a special topic in psychology. May be repeated for credit.

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.

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.

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.

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.

PSYG-611 Clinical Foundations II 1-3 Credits
This class offers additional 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.

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.

PSYG-614 Adv Developmental Psych 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.

PSYG-615 Child & 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.

PSYG-616 Psychodynamic Theory/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.

PSYG-617 Cognitive-Behavorial Theory & Treatment 3 Credits
A study of the theories and processes of therapy based on the cognitive-behavioral 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

PSYG-618 Current Psychotherapy Topics 1-3 Credits
Study of a current topic within the field of psychotherapy. May be repeated for credit.

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.

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.

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.

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.

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.

PSYG-670 Special Topic: 1-3 Credits
Study of a special topic in psychology. May be repeated for credit.

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.

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.

PSYG-710 Psychotherapy & Diversity 3 Credits
Class focuses on developing the student's sensitivity, increased self-awareness, 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.

PSYG-711 Violence, Abuse, Andtrauma 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.

PSYG-712 Psychology, Theology & 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.

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.

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.

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.

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.

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-613, PSYG-626

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

PSYG-727 Practicum 0.5-1.5 Credits
Practicum placement management and oversight. Concurrent field placement is required for this course.
Prerequisite: PSYG-626

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.

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. Exit Project is completed and field placement is required concurrently with this course.

PSYG-799 Continuing Registration 1-4 Credits
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).

Psychology-Organizational-Grad (PSOG)

PSOG-505 Introduction to Psychology and Behavior 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.

PSOG-510 Specialization: Training/Develop in Org 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.

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.

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.

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.

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.

PSOG-615 Performance Management and Employee Engagement 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.

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.

PSOG-635 Diversity and the Organization 3 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.

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.

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.

PSOG-654 Specialization: 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).

PSOG-655 Capstone: Organizational Systems, Development Andchange 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.

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.

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.

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.

Psychology-SPS (PSYD)

PSYD-220 Human Growth/Development 3 Credits
An exploration of human development across the lifespan (from conception through death). Examines human development through the biological, behavioral, cognitive, sociocultural, and spiritual perspectives. (meets Social Science requirement)

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.

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. (meets Social Science requirement)

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. (Replaces PSYD 439 Physiological Psychology and Cognition)

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)

PSYD-366 Survey of Human Behavior 3 Credits
Surveys the fundamental concepts of human behavior and psychology from multiple perspectives, including biological processes in development and behavior, learning and memory, motivation, personality, psychological disorders, and social behavior.

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.
Prerequisite: MUST COMPLETE: PSYD-366

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-366 AND PSYD-367

PSYD-370 Childhood and Adolescence 3 Credits
Examines the physical, cognitive, social, emotional and spiritual development from infancy through adolescence, utilizing current research and developmental theories. Variations in family life across cultures, parenting styles and the role of peer groups are also examined.
Prerequisite: MUST COMPLETE: PSYD-366 AND PSYD-367

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.

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.
Prerequisite: MUST COMPLETE: PSYD-366 AND PSYD-367

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.
Prerequisite: MUST COMPLETE: PSYD-265, PSYD-366 AND PSYD-367

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.

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.

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 AND PSYD-367

PSYD-436 Abnormal Psychology 3 Credits
Studies deviations in human behavior from socio-cultural, spiritual, emotional, cognitive and behavioral perspectives with regard to description, patterns of development, measurement, symptoms, systems of classification, and treatment methods.
Prerequisite: MUST COMPLETE: PSYD-366, PSYD-367 AND PSYD-370

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.

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.
Prerequisite: MUST COMPLETE: PSYD-366, PSYD-367, PSYD-368, PSYD-370 ANDPSYD-436

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.

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.
Pre- or Co-Requisite: MUST COMPLETE: PSYD-460

PSYD-470 Special Topic: 1-3 Credits
Study of a special topic in psychology. May be repeated for credit.

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.
Prerequisite: MUST COMPLETE: PSYD-366 AND PSYD-367

Religion Thesis-Graduate (RELG)

RELG-595 Directed Reading 3 Credits

RELG-596 Research Methodology 3 Credits

RELG-597 Master's Project 3 Credits

RELG-598 Master's Thesis 3 Credits

RELG-599 Cont Reg: Master Study 1 Credit

RELG-650 Directed Reading 3 Credits

RELG-680 Ind Studies: 1-4 Credits

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.

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.

RELG-695 Directed Reading 3 Credits

RELG-696 Research Methodology 3 Credits

RELG-697 Master's Project 3 Credits

RELG-698 Master's Thesis 3 Credits

RELG-778 OCMS Thesis Proposal 4 Credits

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.

RELG-790 Exit Option Design/Proposal:Bib Studies 3 Credits

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.

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.

RELG-795A Directed Reading 4 Credits

RELG-796 Research Methodology 2 Credits

RELG-797 Master's Project 3 Credits

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.

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.

RELG-799A Cont Reg: Master's Study 1 Credit

Social Science (SOCS)

SOCS-150 World Geography 3 Credits

SOCS-265 Intro to Statistical Methods 3 Credits

SOCS-265C Intro to Statistical Methods 3 Credits

SOCS-291 Special Topic: 1 Credit

SOCS-292 Special Topic: 2 Credits

SOCS-293 Special Topic: 3 Credits

SOCS-364C Interm.Statistical Methods 3 Credits
This course is designed to provide a review of fundamental descriptive and inferential procedures as well as a survey of more advanced procedures (including multiple regression, factorial analysis of variance, and a variety of non-parametric tests).

SOCS-480 Individual Studies: 1-4 Credits

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. (meets Social Science requirement)

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.

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. (meets Social Science requirement)

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.

SOC-258 Soc of Sport & Human Movement 3 Credits
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.

SOC-265C Introduction 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 majoring in Accounting, Anthropology, Psychology, or Sociology must take MATH/PSYC/SOC 265C to fulfill the core curriculum requirement in mathematics. Students majoring in Mathematics are exempt from taking the core curriculum requirement in mathematics.

SOC-291 Special Topic in Sociology 1 Credit
Study of a special topic in Sociology. May be repeated for credit.

SOC-292 Special Topic in Sociology 2 Credits
Study of a special topic in Sociology. May be repeated for credit.

SOC-293 Special Topic in Sociology 3 Credits
Study of a special topic in Sociology. May be repeated for credit.

SOC-305 Criminology and the 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.

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.

SOC-312 Death, Grief, and Loss System 3 Credits
This course provides a comprehensive introduction to the study of death and dying. This course will discuss the intellectual, emotional, social, pyschological, experential, and spiritual aspects of death and loss as part of one's personal discovery.

SOC-320 Social & Cultural Change 3 Credits
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; SOC-100C recommended.

SOC-324 Social Psychology 3 Credits
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

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: SOC-100C or PSYC-103C

SOC-334 Gender/Culture/Society 3 Credits
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.

SOC-336 Managing Crisis 3 Credits
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.

SOC-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 or SOC-100C

SOC-345 Family Violence 3 Credits
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: SOC-100C or PSYC-103C

SOC-346 Human Sexuality 3 Credits
Human Sexuality provides an overview of human sexual anatomy, physiology, gender identity, sex role development and expression, modes of sexual expression, sexual deviation, the meaning of sexuality within relationships, and ethical considerations.
Prerequisite: SOC-100C and PSYC-103C (preferrably both)

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.

SOC-352 Urban Sociology 3 Credits
A study of urban life with emphasis on its organization, unique functions, and problems.

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.

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.

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

SOC-367 Sociology of Corrections 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.

SOC-369 Research Design & Methods 3 Credits
Examines the major qualitative and quantitative research methods used in applied Anthropology and 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.

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.

SOC-371 Urban Studies System 3 Credits
A study of urban life with emphasis on its organization, unique functions, and problems.

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.

SOC-374 Dynamics of Organizations 3 Credits
An exploration of the dynamics of organizations including theoretical perspectives of formal and complex organizations. Students survey and investigate the internal processes, relationships and interactions that are embedded into the explicit structural forms of organizations and the tacit deep structure of meanings that people use to negotiate their lives through these systems. This sense-making process is further expressed in linkages to the external environment and strategic recommendations that connects to the organizational culture.

SOC-375 Soc Issues of Health/Wellness 3 Credits
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.

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.

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.

SOC-378 Prisons and Jails 3 Credits
PREREQUISITE: ANTH-102C, PSYC103-C, or SOC-100C. Provides an overview of modern adult corrections, specifically probation, parole, incarceration, community-based corrections, and prevention programs. Includes survey of history, applicaiton and theory of punishment philosophies and practices. Studies contemporary correctional policies, practices, and issues.

SOC-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.

SOC-422 Social Entrepreneurship 3 Credits
This course invites students to learn how innovative organizations tackle some of our world's most difficult problems by applying the principles of social entrepreneurship. Students identify and discover their own personal values and calling to better understand where to best have impact. The course is designed to provide students with a broad perspective of how different types of organizations attempt to change the world for good. It also challenges students to think critically about how faith plays a critical role in bringing about lasting change.

SOC-442 Globalization & Development 3 Credits
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.

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.

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

SOC-460 Field Practicum 1-4 Credits

SOC-460A Field Practicum 3-4 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 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. Thirty hours of field experience will be required for each credit hour. Students must take SOC 460A or SOC 462A as a major upper division requirement. May be repeated as SOC 460B for 1-4 units in a subsequent semester.
Prerequisite: SOC-369 and SOC-369L

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

SOC-462A Research Practicum 3-4 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 and collection of data. Students will be introduced to SPSS (a data analysis program for Social Sciences) and will have the opportunity to present their findings in a number of settings. Thirty hours of research experience will be required for each credit hour. Must take SOC 460A or SOC 462A as a major upper division requirement. May be repeated as SOC 462B for 1-4 units in a subsequent semester
Prerequisite: Prerequisites: SOC-365 and SOC-369

SOC-465 Transforming Communities Sem 3 Credits
An exploration of the role of local churches in developing sustainable solutions to poverty. The course reviews the history of faith-based efforts to strengthen human well-being in Latin America and El Salvador. Students will also identify and evaluate the characteristics of successful partnerships between churches and other local private and public institutions, and NGOs. A significant component of the class will consist of spending time with local churches that are engaged in poverty alleviation work.

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: SOC-100C

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.

Spanish (SPAN)

SPAN-291 Special Topic: 1 Credit
Study of special topic focusing on Spanish culture, language, civilization, or literature. May be repeated for credit.

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

SPAN-293 Special Topic: 3 Credits
Study of special topic focusing on Spanish culture, language, civilization, or literature. May be repeated for credit.

SPAN-294 Special Topic: 4 Credits
Study of special topic focusing on Spanish culture, language, civilization, or literature. May be repeated for credit.

SPAN-303 Advanced Spanish I 4 Credits
Emphasizes advanced levels of the four skills (speaking, reading, writing, and listening). May be taken concurrently with other advanced Spanish courses. Includes selected readings/discussions from Spanish and Spanish American literature and culture.

SPAN-304 Advanced Spanish II 4 Credits
Continuation of SPAN 303.

SPAN-315 Teaching Spanish/Mltcltrl Sett 3 Credits
Students seeking to complete the subject matter program in Spanish must take this class as part of that program to ensure that they are integrating Spanish 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 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.

SPAN-330 Literature of Latin America 3 Credits
The study of past and present Latin American authors with emphasis on theme, background, heritage, and culture.

SPAN-335 Spanish Converstn/Composition 3 Credits
Review and practice of fundamentals of Spanish grammar. Practice in writing essays and summaries in Spanish. Further refinement of speaking and listening skills.

SPAN-345 Spanish Tutorial 1 Credit
Fluent Spanish speakers will work with students taking SPAN 101 and SPAN 102 to correct pronunciation and accent. These tutors will work closely with teachers of the classes and will be assigned three to four students each semester to tutor. CR/NC, with permission of Spanish faculty advisor.

SPAN-365 Curso Panoramico de Latinoamer 3 Credits
Portrays a brief historical view of Latin America through themes rather than pure history. Some topics will be explored more for the insights they offer into Hispanic culture, while others will be for the interest they might have for class members. The course is taught in Spanish.

SPAN-366 Civiliz.Y Cultura de Espana 3 Credits
Survey of Spanish culture and civilization as revealed through history, literature, art, and other cultural indicators. It is recommended that this course be taken before or concurrently with SPAN 368: Introducci¢n a la Literatura Espa¤ola. Conducted in Spanish.

SPAN-368 Intro a la Literatura Espanola 3 Credits
A survey of Spanish literature from its beginnings through the twentieth century, including an analysis of a selected major Spanish literary work. It is recommended that this course be taken after or concurrently with SPAN 366 Civilizaci¢n y Cultura de Espa¤a. Conducted in Spanish.

SPAN-375 Spanish/Helping Professions 3 Credits
A basic course for business, health services, education, and social work personnel. Includes useful, everyday phrases as well as words, questions, and sentences related to each profession.

SPAN-380 Cincel Semester Abroad 1 Credit
The CINCEL Program (Centro de Investigaciones Cultural y Estudios Ling&#65533;¡sticos) in San Jos,, Costa Rica, in conjunction with Vanguard University, offers Vanguard students a total immersion experience in Spanish. The program is for one semester (16 weeks, 16 units) during any one of CINCEL's trimesters, or a half semester (8 weeks, 8 units) available during the Summer trimester.

SPAN-382 Spanish Grammar, Cincel 2-5 Credits
A study of the major challenges in Spanish grammar, including the verb system, areas of contrast with English, and lexical/semantic issues.

SPAN-384 Spanish Conversation, Cincel 2-4 Credits
Intensive conversation with supportive written language practice. Emphasis is placed on vocabulary acquisition and idiomatic expressions.

SPAN-386 Spanish Phonetics, Cincel 2-4 Credits
Study of the Spanish sound system, underlying concepts of Spanish speech production and applications to pronunciation.

SPAN-388 Spanish Practicum, Cincel 1-2 Credits
Supervised field work in the Spanish-speaking community.

SPAN-428 Current Issues/Latin America 3 Credits
Examines selected current strategic, political, and theological issues characteristic of Latin American religion and culture. These contemporary issues include areas such as research in Latin America South, a comparison of the Caribbean and Latin America, social movements, and the shifting roles of missionaries. Current issues such as politics, media, gender, and trends will be analyzed.

SPAN-452 Summer Study Tours 1-6 Credits
Occasional Summer trips to Spanish-speaking countries. These are intensive language programs that will include course work along with the travel and tour. Units are computed according to the duration of the tour, one unit per week. A maximum of six units applies toward graduation. These study trips cannot be used toward the fulfillment of the CINCEL language study requirement in Costa Rica.

SPAN-453 Language,Culture/Linguistics 3 Credits
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.

SPAN-458 La Linguistica Espanola 3 Credits
In-depth study of the Spanish sound system, phonology, morphology, dialectology, syntax, semantics, lexicon, and historical and modern contrastive analysis. Conducted in Spanish. Offered every other year. La Ling&#65533;¡stica Espa¤ola is required for the Subject Matter Program in Spanish.

SPAN-460 Spanish Field Practicum 1-4 Credits
Supervised field work of at least three hours per week among Spanish churches, schools, clinics, hospitals, businesses, etc. Students meet weekly with supervisors. A log of personal experience is maintained. CR/NC, for Spanish majors only with permission of Spanish faculty advisor.

SPAN-464 Religion/Culture/Latin America 3 Credits
This course aims to investigate the dynamics of traditional and evangelical forms of religion in Latin America, including the milieu of popular culture and beliefs, the functions of the Catholic church, current movements within Catholicism, evangelical influences, and Pentecostal growth.

SPAN-470 Special Topic: 1-3 Credits
Study of special topic focusing on Spanish culture, language, civilization, or literature. May be repeated for credit.

SPAN-480 Individual Studies: 1-4 Credits
May be repeated for credit.

SPAN-481 Lit of Latin America, Cincel 2 Credits
Study of Latin American literature and authors. Emphasis is placed on literary analysis.

SPAN-483 Composition, Cincel 2 Credits
Study and practice of various writing techniques.

SPAN-485 Translation, Cincel 2 Credits
Study and practice of translation and interpretation. Students experience a variety of situations in order to develop confidence and fluidity in interpretation.

SPAN-490 Seminar: 1-4 Credits
Mutual investigation of one topic of particular relevance to upper division Spanish majors. May be repeated for credit.

SPAN-499C Capstone in Spanish 3 Credits
Students will integrate their faith, learning and experience, through the in-depth study of a selection of complete works of Spanish and Latin American Literature within the framework of a Christian world view, and service to the Spanish-speaking community.

Theatre Arts (THEA)

THEA-102 Intro to Acting 3 Credits

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.

THEA-103A Private Dance Lessons I 1 Credit
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.

THEA-103B Private Dance Lessons I 1 Credit
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.

THEA-106 Beginning Set Construction 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. Lab Fee.

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.

THEA-108A Theatrical Production I 1 Credit
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.

THEA-108B Theatrical Production I 1 Credit
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.

THEA-110 Beginning Costume Construction 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. Lab fee.

THEA-116 Beginning Scenic Painting 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. Lab fee.

THEA-126 Voice and Speech 2 Credits
Developing voice production and speech using techniques that allow the freeing of one's natural voice concentrating on breathing, relaxation, articulation, and language through the use of class exercises and monologues. Some dialect study.

THEA-132A Theatrical Performance I 2.0 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.

THEA-132B Theatrical Performance I 2.0 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.

THEA-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 fulfills the KINE 146C Activity Core Curriculum requirement.

THEA-134 Musical Literacy for Theatre 2 Credits
Instructs musical theatre students in the fundamental skills necessary for creating musical theatre competency including, but not limited to: finding their pitch, basic keyboard skills, sight singing, rhythm, and musical theatre song analysis and structure.

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.

THEA-136A Private Acting Lessons I 1 Credit
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.

THEA-136B Private Acting Lessons I 1 Credit
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.

THEA-137A Private Voice for Musical Theatre I 1 Credit
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.

THEA-137B Private Voice for Musical Theatre I 1 Credit
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.

THEA-200 Intro to Theatre 3 Credits
An introduction to the study of theatre with focus on 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 core curriculum requirement in fine arts. (meets Humanities/Fine Arts requirement)

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.

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.

THEA-203A Private Dance Lessons II 1 Credit
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.

THEA-203B Private Dance Lessons II 1 Credit
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.

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.

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.

THEA-208 Playwriting 3 Credits
Introduces the social and philosophical theories that surface within playwriting, closely examining several landmark stage plays, each representing the various attitudes and values of its day. Styles, structural techniques, characterization and post-modernism in playwriting are some of the topics to be examined. Students will work to develop their own writing voice and produce their own original, creative work. Lab fee. (meets Humanities/Fine Arts requirement)

THEA-208A Theatrical Production II 1 Credit
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.

THEA-208B Theatrical Production II 1 Credit
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.

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.

THEA-215 Theatrical Prod-Theory/Pract 3 Credits

THEA-219 Acting/Directing for the Camera I 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.

THEA-220 Musical Theatre Vocal Tech. 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.

THEA-232A Theatrical Performance II 2.0 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.

THEA-232B Theatrical Performance II 2.0 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.

THEA-236A Private Acting Lessons II 1 Credit
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.

THEA-236B Private Acting Lessons II 1 Credit
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.

THEA-237A Private Voice for Musical Theatre II 1 Credit
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.

THEA-237B Private Voice for Musical Theatre II 1 Credit
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.

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.

THEA-244 Beg. Musical Theatre Audition 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. Lab fee.

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.

THEA-291 Special Topic: 1 Credit
Study of a special topic in an area of theatre. Repeatable up to 9 units.

THEA-292 Special Topic: 2 Credits
Study of a special topic in an area of theatre. Repeatable up to 9 units.

THEA-293 Special Topic: 3 Credits
Study of a special topic in an area of theatre. Repeatable up to 9 units.

THEA-303A Private Dance Lessons III 1 Credit
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.

THEA-303B Private Dance Lessons III 1 Credit
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.

THEA-306 Intermediate Set Construction 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. Lab fee.

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-207

THEA-308A Theatrical Production III 1 Credit
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.

THEA-308B Theatrical Production III 1 Credit
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.

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.

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. This course carries a lab fee of $100, which covers the cost of materials for design projects and tickets to see a professional production.

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.

THEA-316 Intermediate Scenic Painting 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. Lab fee.

THEA-317 Interm.Costume Construction 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. Lab fee.

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 ticom material. Emphasis is on two-camera situations.
Prerequisite: THEA-219

THEA-323 Sound Design 2 Credits
The design and integration of live and recorded digital sound into production as indicated by directors' conceptualization approaches.

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.

THEA-332A Theatrical Performance III 2.0 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.

THEA-332B Theatrical Performance III 2.0 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.

THEA-336A Private Acting Lessons III 1 Credit
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.

THEA-336B Private Acting Lessons III 1 Credit
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.

THEA-337A Private Voice for Musical Theatre III 1 Credit
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.

THEA-337B Private Voice for Musical Theatre III 1 Credit
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.

THEA-338C 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. Satisfies the Core Curriculum's Lifetime Fitness and Wellness (Activity) unit.

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.

THEA-341 Directing Fundamentals: 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.

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.

THEA-344 Interm Musical Theatre Auditn 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. Lab fee.

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.

THEA-360 Dramatic Lit: Script Analysis 3 Credits
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.

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.

THEA-403A Private Dance Lessons IV 1 Credit
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.

THEA-403B Private Dance Lessons IV 1 Credit
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.

THEA-408A Theatrical Production IV 1 Credit
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.

THEA-408B Theatrical Production IV 1 Credit
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.

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. Lab Fee.

THEA-430 Directing for Theatre 3 Credits
Introduction to the techniques and fundamentals of stage directing using text, theory, and practicum while applying these approaches to student-directed one-acts. Lab fee.

THEA-432A Theatrical Performance IV 2.0 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.

THEA-432B Theatrical Performance IV 2.0 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.

THEA-433C 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. This course fulfills the KINE-146C Activity Core Curriculum requirement.

THEA-436A Private Acting Lessons IV 1 Credit
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.

THEA-436B Private Acting Lessons IV 1 Credit
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.

THEA-437A Private Voice for Musical Theatre IV 1 Credit
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.

THEA-437B Private Voice for Musical Theatre IV 1 Credit
This course provides private voice lessons for performers with a focus on musical theatre. Lab fee.

THEA-441 Adv Directing for the Stage 3 Credits

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.

THEA-444 Adv. Musical Theatre Audition 3 Credits
A continuing in-depth practicum class focusing on the preparation of audition pieces for musical theatre. Students will prepare a portfolio of pieces to use in professional auditions. Non-Musical Theatre Concentration Majors may only enroll with permission of instructor. Lab fee.

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. Minimum hours required per unit will vary by internship and will be approved by the professor of record.This must be arranged the previous semester and must be approved by the student's advisor and the professor of record. Freshmen and Sophomores may not take this course without approval of the department chair.

THEA-451 Theatre Teaching Assistant 1-2 Credits
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.

THEA-455 Shakespeare 3 Credits
Reading Shakespeare's major works of drama and poetry within the historical and cultural context of the Renaissance.

THEA-470 Special Topic: 1-3 Credits
Study of a special topic in the area of theatre. May be repeated for credit.

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.

THEA-480 Individual Studies: 1-3 Credits
May be repeated for credit.

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.

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)

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.

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)

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.

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.

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 Developoing 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 non-western Christian perspectives.

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.

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

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.

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.

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.

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.

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.

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.

Theology-Graduate (THOG)

THOG-501 Found/Theological Studies 6 Credits

THOG-505 Intro to Theology & Ethics 3 Credits

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.

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.

THOG-515 Intro to Narrative Theology 3 Credits

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.

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.

THOG-532 Women in Ministry 3 Credits

THOG-533 Ldrshp/Context Urban Min. I 3 Credits

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

THOG-552 New Testament Theology 3 Credits

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.

THOG-562 Selected Themes/Ot Theology 2-4 Credits

THOG-565 Christianity and Society 3 Credits

THOG-567 Beauty and the Christian Life 3 Credits

THOG-570 Special Topic: 1-3 Credits

THOG-572 Old Testament Theology 3 Credits

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

THOG-584 Bibl Theo of Pwr,Wlth & Prosp 4 Credits

THOG-586 Bibl Theo/Power,Wlth,Prosper 3 Credits

THOG-589 C.S. Lewis II 3 Credits

THOG-590 Seminar: 1-3 Credits

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.

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.

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, post-Christian context.

THOG-650 Ind. Studies: Theology and Ethics 4 Credits

THOG-670 Special Topic: 1-3 Credits
Study in a special topic in theology and ethics.

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.

THOG-690 Seminar: 1-3 Credits

Women and Justice Studies (WJST)

WJST-110 Intro/Women's Studies: Gender/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.

WJST-212 Ensure Justice Conference in Women's 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 courses 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 in-depth knowledge and experience in the field from law enforcement and victim services. Counts as elective toward Women & Justice Minor.

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.

WJST-430 Commercial Sexual Exploitation of Children 3 Credits
This course is an introduction to the study of Commercial Sexual Exploitation of Children. The course will be organized around Prevention, Early Intervention, and Recovery. Theories of child development, prevention, violence, trauma, stages of change and resiliency will be useful to individuals who plan careers in areas such as elementary and secondary education, social services, child welfare, and juvenile justice. A primary focus of this course will be to identify strategies for early intervention with at risk and vulnerable youth.
Prerequisite: WJST-345 or consent of instructor

WJST-435 Human Trafficking Aftercare 3 Credits
Human Trafficking Aftercare is designed to help students examine the complex causes and holistic effects of human trafficking. 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. It will consider physical, psychological, social and spiritual needs in relation to culture, society, and trauma. This course will help students engage in best practices and tools used by leading practitioners in order to best serve and walk alongside human trafficking survivors as they move from crisis to self-sufficiency to thriving.
Prerequisite: WJST-345 or consent of instructor

WJST-440 Ethics & Human Trafficking 3 Credits
This course will investigate ethical decision-making using the victim-centered, trauma-informed approach to human trafficking as a context. The course will explore how efforts to protect victims, prevent victimization, investigate and prosecute human traffickers and collaborate in multi-disciplinary task forces can be enhanced by recognizing significant ethical dilemmas occurring in the justice and victim services systems and addressing them directly, consistently and pragmatically. Students will learn how to identify ethical dilemmas and be provided with and apply ethical decision-making models in the context of biblical ethics and Christian virtues perspectives. Students will improve their ability to initially meet victims, perpetrators, colleagues and impacted agencies from their unique value systems, motivations and patterns of thinking and behaving.
Prerequisite: WJST-345 or consent of instructor

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.

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. Student must have declared Women & Justince minor with Registrar's Office prior to registration.

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.
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

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.

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.

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.

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.

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