



Undergraduate Academic Catalog
2011-2012



OKLAHOMA CHRISTIAN UNIVERSITY

CONTENTS

Oklahoma Christian at a Glance.....	1	Core Curriculum	30
Accreditation.....	2	Requirements for All Baccalaureate Degrees.....	32
Vision Statement	4	Requirements for Graduation	33
The OC Covenant.....	5	Bridge Program	34
The OC Graduate	6	The Language and Culture Institute	34
Capsule Information	6	Study Abroad Programs	35
A Christian Community	7	Council of Christian Colleges and Universities Programs	35
Cascade College	7	Academic Programs Overview	39
International Programs	7	The Honors Program	40
Oklahoma City	7	College of Biblical Studies Degree Requirements.....	41
The Freshman Year	7	Minor Requirements	46
Library	8	College of Arts and Sciences Degree Requirements	47
Mobile Computing Program.....	8	Department of Art and Design	49
Athletics	8	Department of Biology	52
Regulations.....	8	Department of Chemistry and Physics	54
Housing	8	Department of Communication.....	56
Residence Halls.....	8	Department of History and Political Science	59
Student Life	9	Interdisciplinary Studies.....	61
Organizations	9	Department of Language and Literature	62
Board of Trustees	12	Department of Music	64
Life Trustees	12	Department of Nursing	66
Administration Officers	13	Department of Psychology and Family Studies.....	67
Faculty	13	Minor Requirements	68
Tuition/Special Fees/Room & Board.....	18	College of Professional Studies Degree Requirements	72
Typical Expenses.....	19	School of Business Administration	74
Payment	19	School of Education.....	76
Refund Policy	19	School of Engineering	79
Federal Financial Aid Programs	20	Department of Mathematical, Computer, and Information Sciences	79
Scholarship and Aid Programs	20	Department of Electrical and Computer Engineering	82
Academic Policies	22	Department of Mechanical Engineering	83
Admission.....	22	Minor Requirements	85
Classification of Students	23	Course Descriptions	87
Academic Status.....	23	Calendar	124
Grading System.....	23	2011 FALL SEMESTER.....	124
Policy on Academic Honesty	24	2012 SPRING SEMESTER	124
Family Educational Rights and Privacy Act	25	2012 SUMMER SEMESTER.....	124
Students with Disabilities.....	25	Index.....	125
Drop and Add Procedures	25		
Additional Credit Programs and Testing	26		
Class Attendance.....	30		



OKLAHOMA CHRISTIAN AT A GLANCE

Oklahoma Christian University (OC) is a higher learning community that transforms lives for Christian faith, scholarship, and service.

The university is a comprehensive institution of serious academic inquiry grounded deeply in the liberal arts and the Christian faith, while also providing excellent professional, pre-professional, and graduate programs. It is affiliated with the churches of Christ, but students of all faiths are most welcome. The full-time faculty and a majority of students are members of the churches of Christ. The university enrolls more than 2,000 students.

DEGREE PROGRAMS

Oklahoma Christian offers degree programs in:

- Art & Design (Art, Gaming and Animation, Communication Design, Interior Design)
- Biblical Studies (Bible, Missions, Religious Education, Youth Ministry)
- Biochemistry
- Biology
- Business (Accounting, General Business, Finance, International Business, Management, Marketing Management)
- Chemistry
- Communication (Communication Studies, Mass Communication, Electronic Media, Mass Communication Public Relations, Journalism, Organizational Communication, Theater Performance)
- Computer Engineering
- Computer Science
- Education (Early Childhood, Elementary, Physical Education, Music, Math, English, Science, Social Studies)
- Electrical Engineering
- Family Studies
- Forensic Science
- History
- Information Sciences
- Interdisciplinary Studies (B.A., B.S., Performing Art Management)
- Language & Literature (English, English/Teaching English as a Second Language, English Writing, Spanish)
- Mathematics
- Mechanical Engineering
- Music
- Nursing
- Sports, Wellness & Recreation
- Political Science
- Psychology
- Spanish

The university offers Master of Divinity and Master of Arts degrees, with majors in general ministry, family life ministry, youth ministry; a Master of Business Administration degree; and a Master of Science in Engineering degree. For information on the graduate programs, please request a graduate catalog or visit our website: www.oc.edu.

ACCREDITATION

Oklahoma Christian is accredited by:
The Higher Learning Commission of the North Central Association
of Colleges and Schools
30 North LaSalle Street, Suite 2400
Chicago, IL 60602-2504
(800) 621-7440
www.ncahigherlearningcommission.org

Additional Accreditations:

- The university is approved by the Oklahoma State Department of Education to recommend students for teacher certification. The teacher education programs are accredited by the National Council for the Accreditation of Teacher Education (NCATE).
- The music programs are accredited by the National Association of Schools of Music (NASM).
- The undergraduate and graduate business programs are accredited by the Association of Collegiate Business Schools and Programs (ACBSP).
- The mechanical, electrical, and computer engineering degree programs are accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, (410) 347-7700.
- The nursing program is accredited by the Commission of Collegiate Nursing Education (CCNE).
- The interior design program is accredited by the Council of Interior Design Accreditation (CIDA).

Equal Opportunity Statement:

In compliance with Title VI and Title VII of the Civil Rights Act of 1964, Executive Order 246 as amended, Title IX of The Education Amendments of 1972, Sections 503 and 504 of The Rehabilitation Act of 1973, the Americans With Disabilities Act of 1990, the Family and Medical Leave Act of 1993, the Civil Rights Act of 1999, and other Federal Laws and Regulations, Oklahoma Christian University does not discriminate on the basis of race, color, national origin, sex, age, handicap, disability, or status as a veteran in any of its policies, practices, or procedures; this includes but is not limited to admissions, employment, financial aid, and educational services. The designated coordinator is Mr. Jeff Bingham, Vice President, at (405) 425-5180, 2501 E. Memorial Road, Edmond, Oklahoma 73013.

This catalog contains official announcements of courses for the 2011-2012 academic year. Oklahoma Christian reserves the right to repeal, change, or amend the rules, regulations, and provisions contained in this catalog and may withdraw or modify the programs and courses described.

A MESSAGE FROM THE PRESIDENT

Welcome to Oklahoma Christian University! Your decision to attend OC shows that you are seeking an education that is beyond the ordinary. Where you attend college—just like your choice of friends, — will shape the rest of your life.

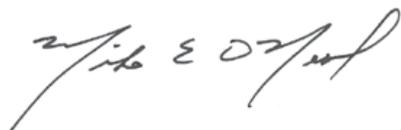
Our goal at OC is to prepare you academically, socially, and spiritually for an effective life of service to your family, your profession, your community, and your church. Our scholarly and dedicated faculty want to know you as a person and will take a personal interest in your education and your spiritual life. The academics are rigorous, and you will be challenged to do your best along with developing lifelong relationships. The academic achievements of our students and alumni are astounding, and you have the opportunity to add to that legacy of excellence.

The Christian environment at OC provides an exceptional opportunity for you to grow as an individual and a Christian, studying with Christian professors and fellow students who share our love of the Lord. Please take advantage of the many extracurricular activities available on campus. Whether you're bonding with fellow students in social clubs, enjoying weekly Bible studies, supporting our excellent intercollegiate sports teams, or participating in intramural sports, you will find that these activities will enrich your university experience.

I promise you that if you apply yourself to learning and growing, Oklahoma Christian University will provide you with the solid holistic foundation for an extraordinary life.

Again, welcome to OC. We are excited that you have chosen to become part of the OC family and look forward to watching you identify and magnify the gifts God has given you to make a difference in our world and to glorify our Heavenly Father.

Best wishes,



Mike E. O'Neal



DEFINING VALUES

Oklahoma Christian University is a distinctly Christian community of higher learning and higher calling, valuing:

FAITH SCHOLARSHIP INTEGRITY

STEWARDSHIP LIBERTY LEADERSHIP

FAITH

The University affirms that God exists, that He is the author and sustainer of our lives, that the Bible is the inspired revelation of God's will, and that He has manifested His love, His power, and His grace in the incarnation of Jesus, the Christ. OC's Christian worldview, grounded in a humble and honest search for truth, is integral to and nurtures every discipline and every activity. It is faith that opens the mind to the consideration of ultimate truths and empowers the quest for goodness. The spirit of Christ transforms members of the University community for lives of faith, purpose, resilience, service, relationship, and love of all humankind. The University cherishes its vital relationship with the founding fellowship of the churches of Christ, while also welcoming and nurturing students from various walks of faith.

SCHOLARSHIP

The University affirms that God is the author of, and sovereign over, all creation; that truth has nothing to fear from honest inquiry; that ideas can and should be examined openly and respectfully; that reason is a gift of God; and that faith and learning are inseparable. The University cherishes and cultivates the mind to discover the truths of God's word and, therefore, encourages excellence, diligence, critical thinking, and creativity in all scholarly endeavors. The University is committed to a strong liberal arts core at the heart of the curriculum and to excellent professional preparation in all offered academic disciplines.

INTEGRITY

The University affirms that, absent integrity, all other values lose their power for transformation and for goodness. Integrity demands vigilant and undivided devotion to truth, honesty, genuineness, transparency, and wholeness, as well as commitment and strength to act upon truth as it is discovered. Integrity is not solely a matter of the intellect, but encompasses development of the whole person—mind, soul, and body—and requires a climate of civility and respect for all people and their search for truth.

STEWARDSHIP

The University affirms that God is the source of all its human, financial, and physical resources that His servants and providence have made available to the University to use prudently to further its mission. Because the University community reflects the love of God for all people, students, faculty, staff, and alumni will apply their God-given gifts and their learning to serving others, thus contributing to a better world. The University's commitment to honor God demands that its people and its programs pursue excellence in everything. The University will engage superior faculty and staff,

embrace effective practices, attract quality students, and provide necessary resources and environment for excellence to flourish. The University will be a competitive and considerate employer regarding compensation, benefits, morale and support for families.

LIBERTY

The University cherishes the principles of religious, intellectual, social, economic, and political freedom that are blessings from our Creator and upon which this nation was founded. Freedom is purposeful selection of that which is true, noble, right, pure, lovely, and admirable. As an integral part of its educational mission, the University seeks to uphold, teach, and strengthen values which undergird liberty, free enterprise, and servant-leadership. As the University seeks to engage the culture and share the blessings of the Christian faith and liberty with the community and the world, it cultivates a global perspective and prepares students for life in a complex, demanding, and changing global community.

LEADERSHIP

The University affirms the value of preparing and encouraging leaders to use their talents and abilities in service to others. We believe the cultivation of servant leaders has a profound and lasting impact on individuals, families, communities, and nations. The University is committed to providing classes, symposia and other resources that help individuals to identify their God-given gifts and equip them to exercise those gifts to promote Christian principles of peace, compassion, and equality. We believe that effective leaders must possess a global perspective informed by a rigorous liberal arts education rooted in Biblical understanding. The University will seek to collaborate with like-minded individuals and organizations dedicated to developing leaders of character, vision and courage.

PURPOSE/MISSION

The University's purpose is to transform lives for Christian faith, scholarship, and service.

VISION STATEMENT

Academically Excellent – Spiritually Vibrant – Serving Faithfully
The manifestations of this vision are:

SEARCH FOR TRUTH

The University is rooted in the great Christian intellectual tradition which demands rigorous scholarship, critical thinking, academic freedom, and spiritual freedom, and in which ideas are examined openly, with humility, and with a view to finding, embracing, and living that which is true and good. It is a place where the profound questions of life are asked and answers are sought. On most issues, OC seeks to be a "convener," not an "endorser," to bring together thoughtful people about ideas and to facilitate discussions informed by a Christian worldview. We are about effective faith-informed spiritual service, not mere orthodoxy.

FAITHFULNESS

We are motivated by a "higher calling." Christian faithfulness and service are at the heart of the University community. Our lives model Christian servanthood, stewardship, humility, and love as we seek to rely upon and glorify God in all we do. We cherish and are deeply

committed to the vital relationship with the founding fellowship of the churches of Christ, while also welcoming and nurturing students from various walks of faith. OC serves and is a resource for the Christian community. The University prepares students for Christ-centered lives of service.

EXCELLENCE WITH PURPOSE

In everything, the University honors God and demands excellence from its faculty, staff, students, and programs. Academic and spiritual excellence is manifested through service we render to one another, to our community, and to the world. OC's students and alumni are salt and light who make a difference in the world. They are prepared for professional and vocational leadership with a thorough grounding in extensive learning opportunities which enables them to live faithfully and productively in a rapidly changing world.

GLOBAL ENGAGEMENT

Faculty and staff engage meaningfully with their students, their disciplines, and community. We seek to apply our gifts and learning to "do justice, to love mercy, and to walk humbly with our God," producing alumni who contribute to a better world. The University has the "imprint of the world on its heart," and seeks to share the blessings of Christian faith and liberty with everyone.

STEWARDSHIP OF HUMAN AND CAPITAL RESOURCES

The University attracts and empowers superior faculty and staff, educates and mentors quality students, employs effective practices, exercises prudent stewardship of resources, and creates an environment in which excellence, creativity, and community will flourish. All people are loved and affirmed as God's creation regardless of background and status. The University seeks to achieve an endowment commensurate with its aspirations.

TRANSFORMED LIVES

Intellectual and spiritual maturity is rigorously pursued. The spirit of Christ transforms members of the University community for lives of faith, purpose, meaningful relationships, integrity, service, leadership, stewardship, personal responsibility, love of others, nobility, and resilience. The gift of education calls, ultimately, for a life of service. OC people seek to do what is right in the eyes of the Lord and live in total reliance upon Him.

THE OC COVENANT

Oklahoma Christian University is a higher learning community that transforms lives for Christian faith, scholarship, and service.

The values and behavior of this Christian community are derived from the Bible, rather than the prevailing culture. Because we are a higher learning community dedicated to a distinctively Christian mission, we join together in a community covenant. This covenant is not a creed demanding strict belief in its veracity and inerrancy, and it is not merely an ideal to which we aspire; rather, it is a personal commitment that while we are members of this community, we will abide by the principles and ideals set forth in the covenant. The purpose of our covenant is to unite all of us at Oklahoma Christian University – students, staff, faculty, administration, and Board of Trustees – in a Christian community that is based on biblical principles and that transforms lives for Christian faith, scholarship, and service.

We recognize that the university is not the church; however, we are a Christian community that seeks to be guided by the teachings of our Lord Jesus Christ as revealed in scripture. We welcome all students, regardless of their church affiliation, who agree to abide by this covenant. Because the university was founded by members of the churches of Christ and because we seek to serve our church constituents effectively, we expect all full-time faculty and staff to be faithful, active members of the churches of Christ who fully embrace the principles of this covenant.

OUR FOUNDATION

God interacts with this world as both Creator and Savior (Genesis 1; Hebrews 1:1-3).

The Bible is God's inspired word, which shows us the nature of God, the risen Son, and the Holy Spirit (2 Timothy 3:16; 2 Peter 1:19-21).

We seek to honor God by imitating the nature of God and His son, our Lord Jesus Christ, through the guidance of the Holy Spirit (John 13:13-17; 1 Corinthians 11:1; 1 Peter 2:21).

As members of this Christian higher learning community, we are guided by specific principles set forth in the Bible (Psalms 119:105; 2 Timothy 3:16-17).

OUR CALL

God calls us to do our best in everything we do (Colossians 3:17; Colossians 3:2).

God calls us to submit our will to His (John 15:14; James 4:7; 1 John 2:17).

God calls us to submit to one another in love (1 Corinthians 10:23-24; Galatians 5:13-14; Ephesians 5:21; Philippians 2:3-4) and to show His love through the justice, mercy, and faithfulness of our lives (Matthew 5; Matthew 23).

God calls us to live lives of holiness (Ephesians 1:4; 1 Thessalonians 4:7; Hebrews 12:14; 1 Peter 1:15-16).

OUR COMMUNITY LIFE

We strive to honor the Lord and be Christ like in all of our conduct (Colossians 3:12-14; Titus 2:11-14).

We strive to demonstrate love and respect for everyone, even those who have views that differ from ours, and avoid conduct or language that is demeaning to others (Galatians 3:28; Philippians 2:3-4; James 2:1-13).

We strive to exercise our Christian freedom responsibly within the framework of God's word, humbly submitting to others (1 Corinthians 10:23-24; 31-33).

We strive to use wise stewardship of our mind, body, time, abilities, and resources and make thoughtful, biblically guided choices in matters of behavior, entertainment, and interpersonal relationships (Philippians 4:8).

We strive to practice honesty and integrity in everything we say and do (Colossians 3:9-10; Revelation 21:8).

We strive to treat our bodies with the honor due the temple of the Holy Spirit—honoring God’s plan that sexual relations be a part of a marriage between a man and a woman, dressing modestly, and avoiding any self-destructive practices (1 Corinthians 6:19-20).

For the sake of our personal influence and our life together in Christian community, we also agree to certain community standards of conduct which are not specifically set forth in the Bible, but which enable the community to operate peaceably and in harmony with these principles and with one another. These community standards are set forth in the Student Handbook, the Staff Handbook, and the Faculty Handbook.

By choosing to be a part of the Oklahoma Christian community, every member of the student body, staff, faculty, and Board of Trustees affirms his or her understanding of, respect for, and commitment to abide by the principles and standards of conduct set forth in this covenant.

THE OC GRADUATE

Since its founding in 1950, Oklahoma Christian University has sought to fulfill its mission to “transform lives for Christian faith, scholarship, and service.” Educating and nurturing the heart, mind, and soul, OC encourages its graduates to be like Jesus Christ, who “increased in wisdom and stature and in favor with God and man” (Luke 2:52). Christian faith and scholarship, exhibited through academic and spiritual excellence, is the heart of the University’s mission. While students will pursue and attain this excellence to varying degrees, we identify here the qualities desired for all OC graduates.

THE OC GRADUATE KNOWS ...

- The liberal arts, which enrich life and prepare for the inevitable challenges, opportunities, and changes of life.
- The specialized knowledge, research methodologies, problem-solving strategies, and practical skills that enable competent living in modern society and successful competition in the global marketplace.
- How to communicate clearly and think independently, critically, and creatively.
- How to live and work harmoniously with people of diverse backgrounds and beliefs without compromising truth.
- The great themes and doctrines of the Bible, including the message of grace and the Lordship of Christ.
- The history and identity of a cappellica Churches of Christ and their restoration heritage.

THE OC GRADUATE IS ...

- Committed to intellectual and spiritual inquiry, nurturing the mind and spirit throughout life.
- Devoted to Christ, seeking to emulate Him and embody the fruit of the Spirit (Gal. 5:22).
- Dedicated to truth, righteousness, and excellence in every facet of life.
- A faithful steward of the blessings, resources, and talents received from God.

THE OC GRADUATE BELIEVES ...

- The Bible is the revelation of the nature and will of God, the

incarnation of the Son, and the work of the Holy Spirit, and is the authority for Christian faith and practice.

- Life has meaning only through a relationship with God, recognizing that the pursuit of knowledge in any field is ultimately a quest for understanding of God and His creation.
- Faith and learning are integral and cannot be separated with impunity.

THE OC GRADUATE LIVES ...

- As a servant-leader in family, church, profession, and community, making a difference for good in the world, both locally and globally.
- With integrity, by acting consistently with beliefs and in covenant relationship with God.
- In humble submission to God’s will, diligently serving him and all humanity by following the two greatest commandments: to “Love the Lord your God with all your heart, all your soul, and all your mind,” and to “Love your neighbor as yourself” (Matt. 22:37 & 39).

CAPSULE INFORMATION

Additional information on these subjects is included throughout the catalog. Please see the Table of Contents and the Index.

Admission

See **page 22** for details about admission for high school graduates, transfers from other colleges and universities, and international students.

Financial Aid

More than 95 percent of all students receive aid in loans, grants, scholarships, or work-study jobs. Eligibility for federal aid is determined by the Free Application for Federal Student Aid.

Academic Year

The year is divided into semesters. Courses are credited in semester hours. The semesters last from August to December and from January to April. A summer term also runs from May to August.

Faculty

The Oklahoma City campus employs 113 full-time faculty. Nearly 80% of the full-time faculty hold or are working on the earned doctorate degree or terminal degree.

Facilities

The contemporary buildings on the Oklahoma City campus include classroom buildings, residence halls and apartments, a dining hall, student center, auditorium, performing arts theater, library, field house, and athletic fields.

Jobs

Many students work on campus. Off-campus jobs are available in the metro area and at shopping centers and businesses near the campus.

University Career Services

The OC Career Services Office offers students assistance in exploring majors and career options and in finding internships

and part-time and full-time employment. The Career Services Office also offers free career assessment software, resume writing assistance, interview preparation, on-campus interviews, career fairs, workshops, and much more. For more information, call (405) 425-5960 or visit www.oc.edu/careerservices.

A CHRISTIAN COMMUNITY

A great spiritual benefit of attending OC is associating with Christian friends, faculty, and staff. Activities like those below contribute to the Christian nature of the campus.

Chapel

The campus meets Monday through Friday at 11 am for Chapel in Hardeman Auditorium. There also are periodic specialized chapels focusing on missions, women's issues, departmental chapels, spiritual search, and other specific topics. Chapel has been a valued OC tradition from the first days of the university. It provides a time to focus on our Creator, worship together as a community, deepen faith, and seek inspiration. Attendance is required for all full-time students, as is an atmosphere of respect for God and each other.

Devotionals

Voluntary devotionals and Bible studies are conducted on campus during the week, and there is a university-wide devotional on Monday and Thursday evenings. They provide a time for encouraging one another, learning, and building relationships.

Local Congregations

Congregations throughout the Oklahoma City area will welcome you to work and worship with them. Several nearby congregations have special teaching, fellowship, and work programs especially for OC students. Many congregations also have "adoption" programs that connect students with local families.

Missions

Many students participate in mission efforts. Groups organize early in the academic year to learn the language and customs of the country to be visited and to prepare for teaching others.

Groups have gone to Germany, Belgium, Brazil, Russia, Japan, Korea, the Philippines, South Africa, Switzerland, Poland, Portugal, England, Wales, Scotland, Austria, Greece, Guatemala, Hungary, Ireland, Romania, Singapore, Australia, New Zealand, Mexico, Rwanda, and Honduras, as well as parts of the United States.

CASCADE COLLEGE

In August 1994, OC opened Cascade College, in Portland, Oregon. Cascade College was closed in May, 2009. Oklahoma Christian University became the official repository for Cascade College, Columbia Christian College, Baker College, and Magic Valley Christian College. Academic records for these colleges may be acquired by contacting the Registrar's Office at Oklahoma Christian University.

INTERNATIONAL PROGRAMS

Oklahoma Christian offers a variety of programs that allow students to enrich their educational experience by studying in and learning about countries around the world.

Study Abroad

Study Abroad programs offer the unique opportunity for OC students to meet academic requirements while experiencing other countries and cultures firsthand. Students travel together to countries throughout Europe, the Pacific Rim, and Latin America. (See page 35-36)

International Students

OC welcomes students from all over the world to make OC their educational home. The International Programs Office advises and assists international students regarding admission, campus orientation, academic advisement, immigration, and integrating into the OC campus community.

Language and Culture Institute

The Language and Culture Institute (LCI) provides intensive English courses for non-native English speakers who wish to improve language skills in order to enter the university. LCI also provides language and culture classes for exchange students and international professionals. (See page 34-35)

OKLAHOMA CITY

Oklahoma City offers jobs, entertainment, cultural events, and restaurants typical of a major city. The Oklahoma City Zoo, the Oklahoma City Philharmonic Orchestra, the Oklahoma City Museum of Art, Will Rogers World Airport, movies, shopping centers, live theater, the Oklahoma City Thunder, the Civic Center Music Hall, the National Cowboy and Western Heritage Museum, Bricktown, the Bricktown Ballpark, Chesapeake Energy Arena, the Cox Center, the state capitol complex, and network television stations are all in the metro area, which has a population of approximately one million people.

THE FRESHMAN YEAR

The Office of Student Life will assist you with your transition into university life.

Take Flight

Several times each summer, OC offers orientation to all incoming students. This orientation is designed to help you understand the nature of college academics and to aid you in enrolling for your first college semester.

Earn Your Wings

In addition to Take Flight, new students are required to attend Earn Your Wings the week before classes start in the fall. Earn Your Wings is an orientation to campus life presented by upperclassmen. The purpose of this week is to build relationships, develop university pride and unity, and gain an understanding of OC's mission.

LIBRARY

The Tom and Ada Beam Library provides access to information to support and enhance the university's educational programs. It is centrally located on campus in the Mabee Learning Center.

The library houses more than 100,000 volumes, almost 30,000 e-books, and more than 8,000 periodical subscriptions in paper, microform, or electronic format. The collection also includes videotapes, cassette tapes, and other forms of media.

Because electronic information is vital to our country's information infrastructure, the library offers a growing selection of electronic resources, including an online catalog, online databases, and CD-ROMs. Because the online catalog and databases are linked from the library's website, you have access to online research from your laptop anywhere.

The library is committed to expanding its access to electronic resources as well as the more traditional services. The library faculty works with academic departments to complement specific courses. Individual reference assistance is provided at the library and also by e-mail or phone.

MOBILE COMPUTING PROGRAM

OC was the first university in Oklahoma and the first university associated with churches of Christ to implement a wireless laptop program. Thanks to a partnership with Apple, full-time undergraduate students receive Apple MacBook computers, their choice of an iPhone or iPod touch, and wireless access to the campus network and the Internet. You will automatically be assigned a network login account and e-mail address that can be used throughout your career at OC.

The mobile computing program ensures that all students have equal access to technology, allows for increased collaboration among students and the faculty, improves access to online student services, and allows students greater flexibility than is available with a desktop computer in a laboratory. If certain requirements are met, you may be able to take the MacBook home with you for the summer. The mobile computing program provides full access to the tools of the information age and encourages students to develop technological literacy that enhances the value of any degree program.

ATHLETICS

OC is a member of the National Association of Intercollegiate Athletics (NAIA) and participates in 14 varsity sports. In addition to the university's varsity and junior varsity programs, OC also offers all students the opportunity to participate in intramural sports.

Men's varsity programs include:

- Baseball
- Basketball
- Cross Country
- Golf
- Soccer
- Tennis
- Track and Field (Indoor and Outdoor)

Women's varsity programs include:

- Basketball
- Cross Country
- Golf
- Soccer
- Softball
- Tennis
- Track and Field (Indoor and Outdoor)

The varsity cheerleaders support the Eagle and Lady Eagle teams.

Intramural Activities

Intramural competition is offered in basketball, flag football, soccer, softball, and volleyball. Competition is also offered in many other activities, including cross country, golf, pool, swimming, table tennis, tennis, and track and field. Most intramural activities are open to all students, not just those in social service clubs.

REGULATIONS

The Student Handbook, located on the OC Intranet, myOC, details the principal rules and policies relating to student life.

The university does not permit alcohol or illegal drug usage or possession. Sexual promiscuity in any form is not tolerated. Curfew and visitation regulations are enforced, as well as proper sign out for overnight visits. You are expected to dress modestly at all times. You should consult the Student Handbook concerning student life policies.

Violations of university regulations may result in disciplinary action up to and including dismissal. To request a Student Handbook, contact the Office of Student Life.

HOUSING

Residence Halls

One of OC's rich heritages is the benefit you will gain from living on a residential campus in an environment where positive Christian principles are encouraged. Friendships are formed from the moment you move into the residence hall that last a lifetime. All housing areas are staffed by men and women who serve as role models and mentors. Service activities and planned events help you make practical application of principles learned in the academic arena.

Laundry facilities are available to you anytime during the day or night.

Requests for particular rooms or roommates should be made on the housing request form. Whenever possible, requests are honored. These requests are processed on a first-come, first-served basis.

Students are held responsible for damages incurred in the facilities during the period of residence.

University Residence Halls

Twelve residence halls house primarily freshmen and sophomores. You may reserve a space by completing a housing application and sending a \$100 deposit to the Admissions Office. If you decide not to attend OC, \$90 will be refunded to you if a written request is received in the Office of Residence Life by May 15.

University Village

Nine apartment buildings accommodate married students, juniors, and seniors. University village includes one-, two-, and four-bedroom apartments conveniently located on the OC campus. Choices vary from semi-private to private bedrooms. Furnished apartments are available for single students, but the units for married and non-traditional students are unfurnished. For a single student to qualify, you must be a junior or senior, have a cumulative 2.0 grade point average (GPA), and have no disciplinary problems. Final approval is made by the Office of Student Life.

Single students may reserve apartment housing by sending a housing request form and a \$150 deposit to the housing office in the Nowlin Center. The deposit is refundable if a written request is received in the apartment housing office by May 15.

Married students and non-traditional students may reserve a position on a waiting list for residential placement by requesting an application from the apartment management. Placement of the applicant is contingent upon availability. The application fee is \$50, which will be credited toward the total \$150 security deposit. The deposit is refundable if the apartment management receives a written cancellation notice at least 30 days before the documented date of termination of housing.

STUDENT LIFE

The Office of Student Life will help you make the transition to university life and will support you as you pursue your academic and co-curricular goals. Details on the services offered are as follows:

Eagle Community Clinic

The Eagle Community Clinic houses medical and counseling services. The center is open from 8 am to 11 am and from 1 pm to 5 pm Monday through Friday. The center's medical and mental health professionals adhere to the concept of lifelong wellness and promotes ideal optimal health for each member of the university community. The center provides medical, mental health and wellness services, and education, as well as assessment and screening activities to support and encourage students and other members of the campus community to take personal responsibility for developing healthy attitudes and behaviors in all areas of their lives.

If you are enrolled in nine or more hours, you are required to provide proof of medical insurance coverage each fall. If you do not have your own coverage, you will be enrolled in the OC student insurance program. Insurance also is available for spouses and children.

Student Counseling Services (SCS)

SCS provides short-term counseling services to OC students and to faculty, staff, and their families. Services are individualized and solution-focused and adhere to Christian principles to support the university's goal of preparing individuals for lifelong Christian leadership and service. Services are available to help individuals address concerns such as adjustment to university life, depression, anxiety, stress, time management, relationship problems, social skills, anger, and grief. Premarital, marital, and family counseling services are also provided. Services are available Monday through Friday from 9 am to 11 am, and from 1 pm to 5 pm by appointment.

SCS emphasizes screenings and education throughout the year and encourages students to take advantage of workshop and group activities. Short-term, individualized, and solution-focused counseling is provided for common concerns such as depression, anxiety, self-image, alcohol, and drug use. For students needing more extensive services, SCS makes referrals to professionals in the area. After hours, a counselor can be reached by contacting a Hall Director or Security.

SCS does not charge for short-term counseling services. A fee of \$20 per session is charged if more than six sessions are used. There is an additional charge for testing. A fee of \$40 per session is charged for counseling services for faculty, staff, and their families. All services provided by SCS are confidential. Each staff member adheres to a professional code of ethics to assure each person of the highest ethical conduct and confidentiality as defined by law. If services needed by the student are beyond the scope of SCS services, appropriate referrals are made to professionals in the area.

Campus Police

The Campus Police provide security for students, faculty, and staff on the OC campus. The Campus Police can be reached at (405) 425-5500.

Bookstore

The campus bookstore in the Gaylord University Center sells textbooks, academic supplies, toiletries, gifts, greeting cards, and a wide variety of other merchandise.

Mail Service

The campus mail service in the Gaylord University Center and at the Nowlin Center provides mailboxes for students. Mail is delivered, packages picked up, and mail sent out from these locations. A mail drop also is provided in the Benson Administration Building. Packages can be mailed at the outgoing mail center located in the Gaylord University Center.

Recreation

Facilities for student recreation include: the Eagles' Nest, which contains basketball/volleyball courts, a 4,000-square foot fitness center, and a 25-meter, six-lane swimming pool; fitness centers in some on-campus housing facilities; and pool and ping-pong tables in the Gaylord University Center.

ORGANIZATIONS

Social Service Clubs

Social service clubs provide social activities, service projects, and the benefits of group membership. Through their clubs, many students may participate in Homecoming activities, service projects, intramural sports, and Spring Sing.

Academic Organizations

Student academic organizations include:

- Accounting and Finance Club
- Alpha Chi, a national honor society that honors students with high academic standing. Membership is limited to the top 10% percent of juniors and seniors in the university.
- Alpha Epsilon Rho, national honorary broadcasting society
- Alpha Psi Omega, a theater organization

- American Marketing Association
- American Society of Interior Designers
- Association for Computing Machinery
- Beta Iota Tau, local chapter of the Association for Computing Machinery
- Delta Mu Delta, national Business Administration honor society
- College Democrats
- Collegiate Music Educators Association
- Institute of Electrical and Electronics Engineers, Inc.
- Kappa Mu Epsilon, Mathematics Honor Society
- Music Teachers National Association
- National Broadcasting Society
- OC Art and Design Club
- OC Game Developer's Club
- Oklahoma Broadcasting Education Association student chapter
- People to People International
- Phi Alpha Theta, national history honor society
- Psi Chi, national psychology society
- Pi Lambda Theta, international education honor society
- Pi Sigma Alpha, national political science honor society
- Phi Kappa Phi, for science majors
- Professional Oklahoma Educators
- Psychology Club
- Public Relations Student Society of America
- Sigma Tau Delta, international English honor society
- Spanish Club
- Student Nursing Association
- Student Oklahoma Education Association
- Students in Free Enterprise, Student Business Organization

Student Government

The Student Government Association is the official organization representing the OC student body. Its executive officers, senators, and committees govern and supervise student activities within the range of its bylaws. Officers and senators are chosen by popular vote, with representatives from the residence hall councils, classes, and clubs holding designated positions. Student Government Association meetings are open to all students.

Other student government bodies are the OC Housing Council, with representatives from each residence hall, and the Inter-Club Council, with representatives from each social service club.

Drama

Students may participate in Theater Department productions by enrolling in Acting Workshop or Technical Theater Workshop or by volunteering. The Theater Department offers several major productions each year, including the Homecoming musical*, a fully-staged production using a full orchestra. Students also may participate in dinner theater productions* and in opera workshops. Unbound* is a recruiting group that performs skits with important Christian and social messages. OC also produces the Ecumenica Journal of Theatre Performance.

Music

Several music groups perform on and off campus.

University Chorale* performs a wide range of music literature and takes one major tour each year.

Chamber Singers* is a small, distinguished group of musicians who perform a variety of types of music, including madrigals, vocal jazz, and selections from the repertory of major composers.

New Reign* is a recruiting group specializing in contemporary Christian a cappella music.

Summer Singers* is a recruiting group that plays and sings a variety of styles of contemporary music.

Acappella, the Christian touring and recording group founded by Keith Lancaster, has a partnership with OC in which some group members attend the university.

Symphonic Band* performs traditional and contemporary concert band literature in concert and on an annual tour.

Jazz Ensemble* performs jazz, pop, and rock music in concert and on tour.

Sweat Band*, a pep band, performs at home basketball games. Membership is mostly drawn from within the Jazz Ensemble.

Oklahoma Community Orchestra*, OC's orchestra-in-residence, is a 65-member symphony orchestra that includes OC students as well as musicians from throughout the Oklahoma City area. This group performs four or five concerts each year, on campus and throughout the city.

University Chamber Orchestra* is comprised of students who have had previous experience playing string instruments in orchestras or private lessons. The orchestra performs frequently in departmental concerts, and smaller ensembles within the orchestra perform for banquets, receptions, and weddings.

** Membership in asterisked groups is by audition or permission of the director.*

Student Publications and Communications

The Oklahoma Christian University Journal of Historical Studies, an annual publication of the Tau Sigma Chapter of Phi Alpha Theta, the National History Honor Society, is comprised entirely of student papers and book reviews, and has won three national awards.

Soundings, a literary journal published through the English Honors Society Sigma Tau Delta. It annually accepts prose, poetry, short fiction, art/photography from students, alumni, faculty and staff of OC. Student editors of Soundings receive a scholarship endowed by Language and Literature. The journal has won top awards, including Best Literary Journal, in the past five years.

Ecumenica, a Journal of Theatre and Performance, exists to foster rigorous, scholarly discussions on the intersection of religion, spirituality and theatrical performance.

Student Media Opportunities

Eagle Cable, an on-campus television channel managed by mass communication students.

Eagle Sports, radio and television broadcasts of Eagle and Lady Eagle games.

Eagle Radio, accessible on the campus cable system and on the Internet.

Eagle Video, a student-staffed video production company that produces a weekly live newscast.

The Talon, a student newspaper published each Friday, is open to all students, including those majoring in mass communication.



BOARD OF TRUSTEES

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Secretary, Chair Academic Affairs Committee
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Cypress, Texas

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Edmond, Oklahoma

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Edmond, Oklahoma

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Amarillo, Texas

Susie Jackson

Fort Worth, Texas

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McPherson, Kansas

H. Richard Lawson

Dallas, Texas

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Kerry Lowery

Rio Rancho, New Mexico

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Edmond, Oklahoma

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Wichita, Kansas

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Lakewood, Washington

G. LaMoine Neal

Oklahoma City, Oklahoma

Hardeman Nichols

Dallas, Texas

Allen L. Reese

Tulsa, Oklahoma

Jack L. Rowe

San Diego, California

Jack M. Stephenson, M.D.

Sulphur, Oklahoma

Thomas J. Trimble, J.D.

Scottsdale, Arizona

Wayne L. Warren

Broken Bow, Oklahoma

Phil S. Winn

Branson, Missouri

ADMINISTRATION AND FACULTY

ADMINISTRATIVE OFFICERS

Mike E. O'Neal (2002)

President
B.A., Harding Univ.
J.D., Stanford Univ.

Bill Goad (1979)

Executive Vice President
Chief Operating Officer
B.S., Oklahoma Christian Univ.
B.B.A., Abilene Christian Univ.
Ed.D., Oklahoma State Univ.

John deSteiguer (2002)

Senior Vice President for Advancement
B.A., Northeastern State Univ.
J.D., Pepperdine Univ.

Allison D. Garrett (2007)

Senior Vice President for Academic Affairs
B.A., Oklahoma Christian Univ.
J.D., Univ. of Tulsa
L.L.M., Georgetown Univ.

Kent Allen (2008)

Vice President for Alumni Relations
B.S., Oklahoma Christian Univ.

Neil Arter (1990)

Dean of Student Life
B.S., Oklahoma Christian Univ.
M.B.A., Oklahoma Christian Univ.

Mickey D. Banister (1994)

University Registrar
B.S., Oklahoma Christian Univ.
M.Ed., Univ. of Central Oklahoma
Ed.D., Oklahoma State Univ.

Jeff Bingham, C.P.A. (1998)

Vice President for Finance
Chief Financial Officer
B.S., Oklahoma Christian Univ.

Risa Forrester (1996)

Vice President for Enrollment Management
B.A., Oklahoma Christian Univ.
M.Ed., Azusa Pacific Univ.

Ron Frost (2005)

Vice President for Communications
B.S., Oklahoma State Univ.

John Hermes (1993)

Vice President for Information Technology
B.S., Oklahoma Christian Univ.
M.S., Oklahoma State Univ.

James W. (Jay) Jones (1997)

Vice President for University Services
B.B.A., Univ. of North Texas

FACULTY

Ken L. Adams (1972)

Director, Chorale
Professor of Music
B.M.E., Univ. of Central Oklahoma
M.M., Univ. of North Texas
D.M.A., Univ. of Iowa
2008 Gaylord Chair of Distinguished Teaching

Cami Agan (1997)

Chair, Department of Language and Literature
Professor of English
B.A., Oklahoma Christian Univ.
M.A., Boston College
Ph.D., Duquesne Univ.

Christopher Austin (2008)

Assistant Professor of Chemistry and Physics
B.S., Oklahoma Christian Univ.
Ph.D., Oklahoma State Univ.

Jim Baird (1992)

Professor of Bible and Philosophy
B.A., Oklahoma Christian Univ.
M.Div., Harding Graduate School
D.Phil. (Oxon.), Oxford Univ.
2001 Gaylord Chair of Distinguished Teaching

Amy Beauchamp (2005)

Instructor of Art and Design
B.S., Oklahoma Christian Univ.
M.F.A., Univ. of Central Oklahoma

Kenneth S. Bell (2011)

Assistant Professor of Electrical and Computer Engineering
B.S., Univ. of Connecticut
M.S., Univ. of Connecticut

Jeffrey Bigelow (1994)

Chair, Department of Electrical and Computer Engineering
Professor of Electrical and Computer Engineering
B.S., Colorado State Univ.
M.S., Univ. of Illinois at Urbana
Ph.D., Univ. of Illinois at Urbana

Rebecca Briley (2010)

Associate Professor of English
Coordinator of Composition/Rhetoric
B.A., Univ. of Kentucky
M.A., Univ. of Kentucky
Ph.D., Univ. of Kentucky

Jennifer Bryan (2003)

Associate Professor of Mathematics
B.S., Oklahoma Christian Univ.
M.S., Oklahoma State Univ.
Ph.D., Oklahoma State Univ.

Robert Carpenter (1998)

Professor of Missions
B.A., Princeton Univ.
M.A., Stanford Univ.
M.A., Abilene Christian Univ.
Ph.D., Univ. of California at Santa Barbara

Allison Cassady (2011)

Assistant Professor of Education
B.S., Texas A & M Univ.
M.Ed., Texas A & M Univ.
Ph.D., Univ. of Texas

David Cassel (1995)

Professor of Mechanical Engineering
B.S.M.E., Louisiana Tech Univ.
M.S.M.E., Louisiana Tech Univ.
Ph.D., Georgia Institute of Technology

Dudley Chancey (1998)

Associate Professor of Youth Ministry
A.A., Albany Junior College
B.S., Tennessee Technological Univ.
M.S., Abilene Christian Univ.
Ph.D., Univ. of Tennessee

Dwayne Cleveland (1994)

Professor of Education
B.S.E., Oklahoma Christian Univ.
M.A., California State Univ., Bakersfield
Ed.D., Oklahoma State Univ.
2005 Gaylord Chair of Distinguished Teaching

J.J. Compton (2002)

Assistant Professor of Library Science
B.A., Oklahoma Christian Univ.
M.L.I.S., Univ. of Oklahoma

Mickey Cowan (2000)

Professor of Accounting
B.S., Oklahoma State Univ.
M.S., Oklahoma State Univ.

David Crismon (1991)

Chair, Department of Art and Design
Professor of Art and Design
B.F.A., Kansas Art Institute
M.F.A., Univ. of Oklahoma
2006 Gaylord Chair of Distinguished Teaching

Ralph DeBoard (1985)

Associate Professor of Computer Science
B.A., Oklahoma Christian Univ.
M.S., Wright State Univ.

Max Dobson (1966)

Professor of Physical Education
B.S., Phillips Univ.
M.Ed., Northwestern State College
Ed.D., Oklahoma State Univ.
1975 Gaylord Chair of Distinguished Teaching

Donald V. Drew (2000)

Dean, Graduate Programs
Professor of Business
B.A., Oklahoma Christian Univ.
M.H.R., Univ. of Oklahoma
Ed.D., Oklahoma State Univ.

James Dvorak (2008)

Director of the North Institute for Teaching and Learning
Associate Professor of Bible
B.A., Oklahoma Christian Univ.
M.Div., Trinity Evangelical Divinity School
M.A., George Washington Univ.
Ph.D. candidate, McMaster Divinity College

Kay Elder (2006)

Assistant Professor of Nursing
B.S., Oklahoma Christian Univ.
B.S.N., Univ. of Oklahoma, Health Sciences Center
M.S.N., Univ. of Oklahoma, Health Sciences Center

Caren Feuerhelm (2004)

Associate Professor of Education
B.S., Oklahoma State Univ.
M.A., Southern Nazarene Univ.
Ed.D., Oklahoma State Univ.

Leonard Feuerhelm (1976)

Professor of Physics
B.S., Oklahoma State Univ.
M.S., Oklahoma State Univ.
J.D., Oklahoma City Univ.
Ph.D., Oklahoma State Univ.

Stephanie Findley (1983)

Associate Professor of Physical Education
Women's Basketball Coach
B.S.E., Oklahoma Christian Univ.
M.Ed., Univ. of Central Oklahoma

John Fletcher (1987)

Professor of Music
B.A., Oklahoma Christian Univ.
M.M., Univ. of Missouri
D.M.A., Univ. of Oklahoma
2010 Gaylord Chair of Distinguished Teaching

Linda Fly (2006)

Chair, Department of Nursing
Assistant Professor of Nursing
B.S., Central State Univ.
M.P.A., Golden Gate Univ.
M.S.N., Abilene Christian Univ.
Ph.D. candidate, Univ. of Oklahoma

Merle K. Gatewood (1972)

Associate Professor of English and French
B.A., Drew Univ.
M.A., Univ. of Paris (Sorbonne)
M.A., Univ. of Central Oklahoma

Loren G. Gieger (1984)

Professor of New Testament
B.A., Abilene Christian Univ.
M.Div., Southwestern Baptist
Theological Seminary
Ph.D., Southwestern Baptist
Theological Seminary
1997 Gaylord Chair of Distinguished Teaching

T. Ray Hamlett (2005)

Professor of Mathematics
B.A., Arkansas College
M.S., Univ. of Arkansas
Ph.D., Univ. of Arkansas

Andy Harbert (1997)

Assistant Professor of Computer Science
B.S., Louisiana State Univ.
M.S., Texas A & M Univ.

John Harrison (2000)

Professor of New Testament and Ministry
B.A., David Lipscomb Univ.
M.A., Wheaton Graduate School
Ph.D., Univ. of Edinburgh

Dan Hays (1983)

Professor of Physical Education
Men's Basketball Coach
B.S., Eastern New Mexico Univ.
M.S., Eastern New Mexico Univ.
M.Ed., Eastern Washington Univ.

Randy Heath (1977)

Professor of Physical Education
Track and Field Coach
B.S.E., Oklahoma Christian Univ.
M.Ed., Univ. of Central Oklahoma

Shawna Hood (2007)

Instructor of Nursing
B.S., Univ. of Central Oklahoma
M.S., Midwestern State Univ.

Paul Howard (2002)

Assistant Professor of Mathematics
B.S., Univ. of Idaho
M.S., Univ. of Idaho
Ph.D. candidate, Univ. of Oklahoma

Barrett Huddleston (2007)

Assistant Professor of Theater
B.A., Oklahoma Christian Univ.
M.A., Oklahoma State Univ.
Ph.D., Univ. of Minnesota

Raymon Huston (2004)

Associate Professor of Political Science
B.A., Midwestern State Univ.
M.A., Midwestern State Univ.
Ph.D., Texas Tech Univ.

Paula Hutton (1993)

Assistant Professor of Music
B.M., Univ. of New Mexico
M.M.E., Univ. of Central Oklahoma
Ph.D. candidate, Univ. of Oklahoma

Curtis Janz (1988)

Chair, Department of Physical Education
Director of Athletics
Associate Professor of Physical Education
B.S.E., Oklahoma Christian Univ.
M.S., Univ. of Central Oklahoma
Ph.D. candidate, Capella Univ.

Craig Johnson (2005)

Associate Professor of Mathematics
B.S., Harding Univ.
M.S., Univ. of Mississippi
Ph.D., Wayne State Univ.

Heath Jones (2001)

Associate Professor of Music
B.M.E., Oklahoma Christian Univ.
M.M., Baylor Univ.
Ph.D., Univ. of Oklahoma

Jody Jones (2006)

Assistant Professor of Finance
B.S., Oklahoma Wesleyan Univ.
M.B.A., Oklahoma City Univ.
Ed.D. candidate, Oklahoma State Univ.

Kenneth Johnson (2002)

Associate Professor & Chair
Graduate Business
B.S., University of Central Oklahoma
MBA, University of Central Oklahoma
DBA, Argosy University

Larry Journey (1985)

Chair, Department of Communication
Professor of Mass Communication
B.A., David Lipscomb Univ.
M.A., Univ. of Tennessee
Ph.D., Univ. of Michigan

Elaine Kelly (1992)

Chair, Department of Accounting and Finance
Associate Professor of Accounting
B.S., East Central Univ.
M.B.A., Univ. of Central Oklahoma
1999 Gaylord Chair of Distinguished Teaching
2006 JJ Millican Chair of Accounting

Sada J. Knowles (2011)

Instructor of Psychology
B.S. Oklahoma Christian Univ.
M.S. Oklahoma State Univ.
Ph.D. Oklahoma State Univ. (candidate)

Chip Kooi (2001)

Professor of Bible
B.A., Oklahoma Christian Univ.
M.A., Oklahoma Christian Univ.
Ph.D., Baylor Univ.

Scott LaMascus (1999)

Director of Honors Program
Professor of English
B.A., Oklahoma Christian Univ.
M.A., Univ. of Oklahoma
Ph.D., Univ. of Oklahoma
2003 Gaylord Chair of Distinguished Teaching

Donald Leftwich (1979)

Chair, Department of Mathematical, Computer
and Information Services
Associate Professor of Mathematics and
Computer Science
B.S., Oklahoma Christian Univ.
M.A., Univ. of Oklahoma

Phil Lewis (1999)

Dean, College of Professional Studies
Professor of Business
B.S., Abilene Christian Univ.
M.A., Univ. of Denver
Ed.D., Univ. of Houston

Gary Lindsey (2009)

Associate Professor of History
B.Arch., Texas Tech Univ.
M.A. Abilene Christian Univ.
Ph.D., Texas Tech Univ.

David Lowry (2005)

Dean, College of Arts and Sciences
Professor of Communication
B.S., Abilene Christian Univ.
M.S., Abilene Christian Univ.
Ph.D., Univ. of North Texas

William Luttrell (2005)

Chair, Department of Chemistry and Physics
Associate Professor of Chemistry
B.S., Univ. of Louisville
M.S., Old Dominion Univ.
Ph.D., Eastern Virginia Medical School and Old
Dominion Univ.

Steven P. Maher (2002)

Associate Professor of Electrical and
Computer Engineering
B.S.E.E., Univ. of Kansas
M.S.E.E., Univ. of Kansas

John Maple (1977)

Chair, Department of History and Political Science
Distinguished Professor of History
B.A., Oklahoma Christian Univ.
M.A., Univ. of Virginia
M.Phil., Univ. of Kansas
Ph.D., Univ. of Kansas
1991 Gaylord Chair of Distinguished Teaching

Alan Martin (2006)

Dean, College of Biblical Studies
Associate Professor of Family Ministry
B.A., Harding Univ.
M.A., Abilene Christian Univ.
Ph.D., Michigan State Univ.

Darin Martin (2005)

Associate Professor of Education
B.A., Harding Univ.
M.Ed., Harding Univ.
Ed.D., Oklahoma State Univ.

Bailey McBride (1956)

Professor of English
A.A., Central Christian College
B.A., David Lipscomb Univ.
M.A., Univ. of Tennessee
Ph.D., Univ. of Tennessee
2004 Inducted into Oklahoma Education Hall of Fame
2011 Gaylord Chair of Distinguished Teaching

Matt McCook (2002)

Associate Professor of History
B.S., Abilene Christian Univ.
M.A., Sam Houston State Univ.
Ph.D., Florida State Univ.

Lynn McMillon (1966)

Distinguished Professor of Bible
B.A., Oklahoma Christian Univ.
M.A., Harding Graduate School of Religion
M.Th., Harding Graduate School of Religion
Ph.D., Baylor Univ.
1985 Gaylord Chair of Distinguished Teaching

Lisa McWhirter (2002)

Assistant Professor of Biology
Director of Faculty Development
B.S., Oklahoma Christian College
M.Ed., Central State Univ.
M.S., Univ. of Oklahoma
Ph.D., Univ. of Oklahoma

Kimberly Merritt (2007)

Associate Professor of Business
B.S., Oklahoma State Univ.
M.B.A., Cameron Univ.
D.B.A., Argosy Univ.

Al Mikell (2006)

Associate Professor of Biology
B.S., Univ. of Alabama
B.S., Univ. of Alabama at Birmingham
M.S., Auburn Univ.
Ph.D., Virginia Tech Univ.

Ken Miller (1998)

Associate Professor of Business
B.S., David Lipscomb Univ.
M.B.A., Pepperdine Univ.
D.B.A., Univ. of Oklahoma

Kris Miller (1994)

Professor of Biology
B.S., Oklahoma Christian Univ.
M.S., Univ. of Oklahoma
Ph.D., Univ. of Oklahoma

Robyn Miller (1997)

Chair, School of Education
Professor of Education
B.S., Oklahoma Christian Univ.
M.A., Univ. of Central Oklahoma
Ed.D., Oklahoma State Univ.

Rhonda Morris (2008)

Assistant Professor of Education
B.A., Northeastern State Univ.
M.A., Northeastern State Univ.
Ed.D., candidate, Univ. of Oklahoma

Lawrence Murray (2011)

Assistant Professor of Liberal Studies
B.A., Perrerdine Univ.
M.A., Pepperdine Univ.
Ph.D., Alliant International Univ.

Monica Muza (2005)

Instructor of Mathematics
B.S.E., Univ. of Central Oklahoma
M.S., Univ. of Central Oklahoma
Ph.D. candidate, Univ. of Oklahoma

Gail Nash (1998)

Assistant Professor of English
B.A., Oklahoma Christian Univ.
M.A., Oklahoma State Univ.
Ph.D. candidate, Oklahoma State Univ.

Byron Newberry (2001)

Chair, Engineering Graduate Programs
Chair, Department of Mechanical Engineering
Associate Professor of Mechanical Engineering
B.S.M.E., Oklahoma Christian Univ.
M.S.M.E., Univ. of Michigan
Ph.D., Univ. of Michigan

Ryan Newell (1992)

Chair, Department of Psychology and Family Studies
Professor of Psychology
A.A., Ohio Valley College
B.S., Oklahoma Christian Univ.
M.Ed., Univ. of Central Oklahoma
Ph.D., Univ. of Toledo

Amanda Nichols (2008)

Assistant Professor of Chemistry
B.S., Oklahoma Christian Univ.
Ph.D., Oklahoma State Univ.

R. Stafford North (1952)

Distinguished Professor of Bible
B.A., Abilene Christian Univ.
M.A., Louisiana State Univ.
Ph.D., Univ. of Florida
1997 inducted into Oklahoma Education Hall of Fame

Michael O'Keefe (1981)

Professor of Art and Design
B.A., Harding Univ.
B.S., Harding Univ.
M.F.A., Univ. of North Texas

Becky O'Neal (2009)

Assistant Professor of Nursing
B.S., Univ. of Central Oklahoma
M.S., Univ. of Oklahoma

John Osborne (2000)

Assistant Professor of Communication
Director of International Programs
B.S., Oklahoma Christian Univ.

Lee Anne Paris (1998)

Associate Professor of Library Science and Reference
Librarian
B.A., Vanderbilt Univ.
M.S., Univ. of Oklahoma
Ph.D., Univ. of North Carolina

Philip Patterson (1981)

Distinguished Professor of Communication
Advisor, Talon
B.A., Lubbock Christian Univ.
M.A., Abilene Christian Univ.
Ph.D., Univ. of Oklahoma
1988 Gaylord Chair of Distinguished Teaching

Joseph Paul (2006)

Assistant Professor of Business
B.A., OU, India
M.Comm., OU, India
M.B.A., Texas A & M, Commerce
D.B.A. candidate, Argosy Univ.

Eric Phelps (2008)

Assistant Professor of Biology
B.S., Oklahoma Christian Univ.
Ph.D., Univ. of Oklahoma

Jeff Price (2009)

Associate Professor of Art and Design
B.F.A., Univ. of Oklahoma
M.F.A., Virginia Commonwealth Univ.

Lindsay Prugh (2008)

Instructor of Mathematics
B.S., Oklahoma Christian Univ.
M.S., Univ. of Central Oklahoma
Ph.D. candidate, Univ. of Oklahoma

Philip Reagan (1979)

Director, Oklahoma Christian Theater
Associate Professor of Speech and Theater
B.A., Harding Univ.
M.A., Memphis State Univ.

Charles Rix (2011)

Assistant Professor of Bible
B.B.A., Abilene Christian Univ.
M.A., American Graduate School of International
Management
M.A., New Brunswick Theological Seminary
Ph.D., Drew Theological School, Graduate Division of
Religion

Kerianne Roper (2004)

Associate Professor of Business
B.S., Oklahoma Christian Univ.
M.B.A., Univ. of Oklahoma
D.B.A., Anderson Univ.

Chris Rosser (2009)

Assistant Professor and Theological Librarian
B.S., Oklahoma Christian Univ.
M.L.I.S., Univ. of Oklahoma
M.Div. candidate, Oklahoma Christian Univ.

William W. Ryan (2001)

Professor of Engineering Sciences
B.A., California State College
M.A., Sam Houston State College
Ph.D., Univ. of Texas

Beth Scott (2006)

Assistant Professor of Nursing
B.S., Univ. of Central Oklahoma
M.S.N., Univ. of Oklahoma Health Sciences Center

Jeffrey Simmons (2008)

Chair, Department of Management/Marketing
Associate Professor of Business
B.S., Oklahoma Christian Univ.
M.I.M., Thunderbird School of Global Management
D.B.A., Nova Southeastern Univ.

Burton Smith (2003)

Professor of Marketing
B.S., Oklahoma State Univ.
M.S., Oklahoma State Univ.
Ed.D., Oklahoma State Univ.
2009 Gaylord Chair of Distinguished Teaching

Pat Smith (2006)

Associate Professor of Electrical and
Computer Engineering
B.S., Univ. of Oklahoma
M.S., Colorado State Univ.

Virginia Smith (2008)

Director, Bridge Program
Instructor, Bridge Program
B.S., Oklahoma State Univ.
M.B.A., Oklahoma Christian Univ.
Ph.D., Oklahoma State Univ.

Daniel Sorensen (2011)

Assistant Professor of Accounting
B.A., Univ. of Nebraska
M.B.A., Vanderbilt Univ.
D.B.A. candidate, Anderson Univ.

Willie Steele (2005)

Associate Professor of English
B.A., David Lipscomb Univ.
M.A., Middle Tennessee State Univ.
Ph.D., Indiana University of Pennsylvania

Grant Testut (2011)

Assistant Professor of Bible
B.A., David Lipscomb Univ.
M.Ph., Hebrew Union College
Ph.D., Hebrew Union College

Kathy Thompson (1993)

Chair, Department of Music
Professor of Music
B.M.E., Abilene Christian Univ.
M.M., Univ. of Oklahoma
Ph.D., Univ. of Oklahoma

Dara Tinius (2009)

Instructor, Library
B.A., Oklahoma Christian Univ.
M.L.S., Univ. of Oklahoma

Richard Trout (2010)

Associate Professor of Biology
B.S., Oklahoma Christian Univ.
M.S., Oklahoma State Univ.
A.B.D., OU Health Sciences Center
Secondary Teaching Certification, Univ. of Central
Oklahoma

Timothy VanWagoner (2007)

Chair, Department of Biology
Assistant Professor of Biology
A.S., York Univ.
B.S., Oklahoma Christian Univ.
Ph.D., Univ. of Oklahoma

John Vincent (1980)

Professor of Education
B.A., Harding Univ.
M.A., Western State College
Ed.D., Univ. of Northern Colorado
1987 Gaylord Chair of Distinguished Teaching

Howard Vogel (2005)

Associate Professor of Chemistry
B.S., Univ. of Texas
Ph.D., Texas Tech Univ.

David Waldo (1996)

Professor of Electrical and Computer Engineering
B.S., Texas A & M Univ.
Ph.D., Drexel Univ.

Tina Ware (1998)

Professor of Spanish
B.A., Baylor Univ.
M.A., Baylor Univ.
Ph.D., Texas Tech Univ.

W. Joe Watson (1989)

Professor of Electrical and Computer Engineering
B.S.E.E., Oklahoma State Univ.
M.S.E.E., Oklahoma State Univ.
Ph.D. candidate, Univ. of Oklahoma

Josh Watson (2008)

Instructor of Communication
B.A., Freed Hardeman Univ.
M.A., East Tennessee State Univ.

Wayne Whaley (1989)

Professor of Mechanical Engineering
B.S., Oklahoma State Univ.
M.S., Oklahoma State Univ.
Ph.D., Oklahoma State Univ.

Ronnie White (2010)

Visiting Instructor
B.B.A., Texas Technological College
B.A., Oklahoma Christian Univ.

Tamie Willis (1986)

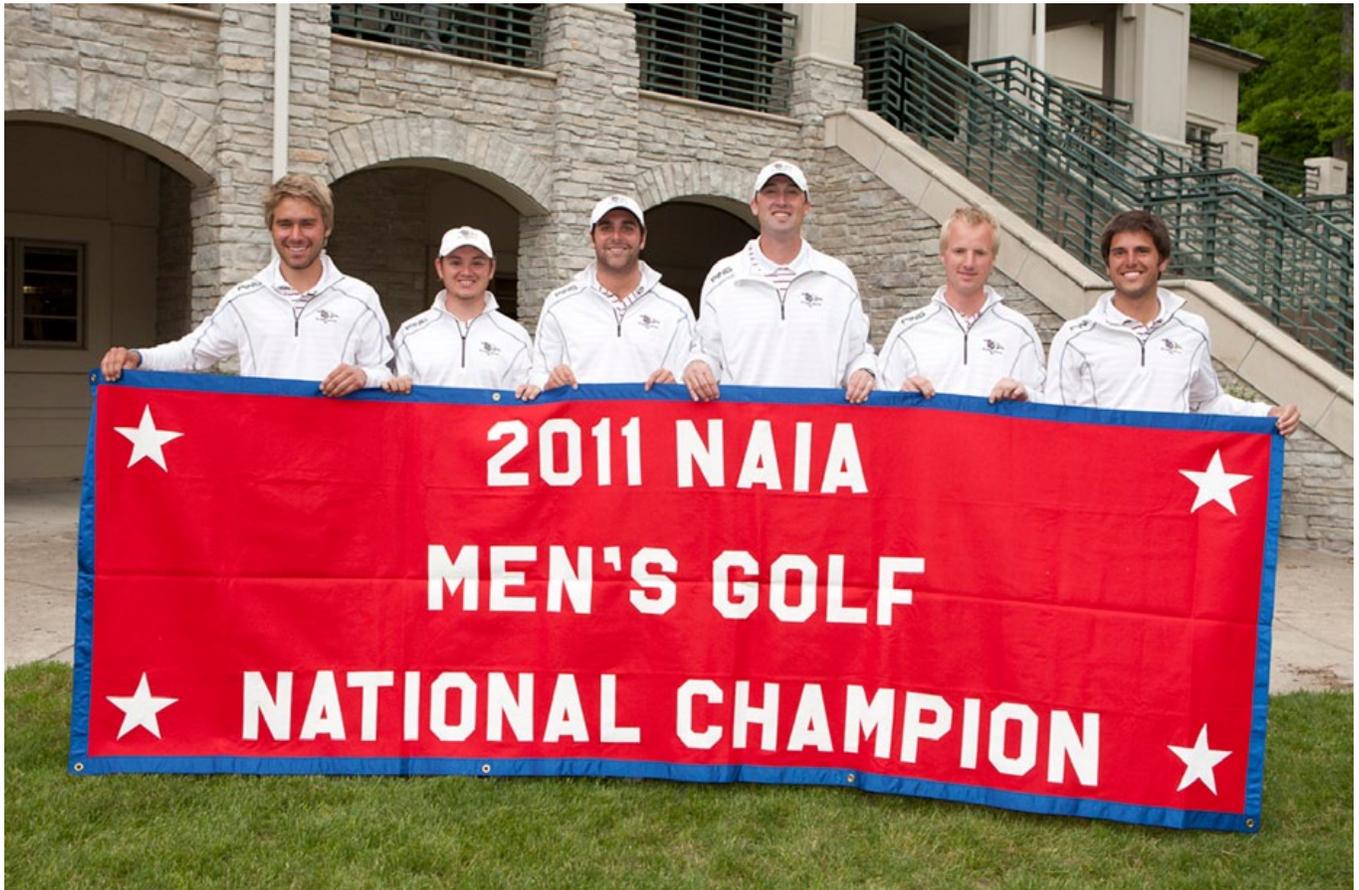
Director of the Library
Associate Professor of Library Science
Periodical Research Librarian
B.S., West Texas State Univ.
B.S.E., Univ. of Central Oklahoma
M.L.S., Univ. of Oklahoma

Tina Winn (2010)

Associate Professor of Psychology
B.S., Oklahoma Christian Univ.
M.Ed., Northwestern State Univ.
Ed.D., Oklahoma State Univ.

Richard A. Wright (2006)

Chair, Graduate Bible Department
Associate Professor of Bible
B.Mus., Oberlin Conservatory
A.B., Oberlin College
M.A., Abilene Christian Univ.
M.T.S., Southern Methodist Univ.
Ph.D., Brown Univ.



TUITION / SPECIAL FEES / ROOM AND BOARD 2011-2012

TUITION — Fall/Winter/Summer

Full-time students, per semester	
12-15 semester hours.....	\$8,300
Hours over 15, per semester hour.....	\$553
Part-time students (fewer than 12 hours), per semester hour.....	\$692
Concurrent students, per course.....	\$565
Summer school, per semester hour.....	\$390*
*Scholarships do not apply in the summer.	
Audit fees	
Per semester hour.....	\$50

SPECIAL FEES

Admission Fee (paid at first enrollment only – not refundable)	\$25
Parking Permit	
Original.....	N/C
Additional or replacement, each.....	\$5
ID Activity Card and Replacement, each.....	\$20
Health Insurance Premium..... 08/21/11 thru 01/29/12:	\$372
Health Insurance Premium..... 08/21/11 thru 08/20/12:	\$889
Health Insurance Premium..... 01/10/11 thru 08/20/12:	\$591
Health Insurance Premium..... 05/01/12 thru 08/20/12:	\$294
(required of all students who have not given proof of insurance to Health Center for the fall semester by September 11, 2011, and for the spring semester by January 22, 2012)	
Student Government Association dues, per semester	
Below 12 hours.....	\$15
12 hours and above.....	\$28
General Fee, per semester	
Full-time and Part-time.....	\$450
Technology Fee, per semester (fall and spring semester only)	
6 hours and above.....	\$450
Online course fee \$30/per hour	

RESIDENCE HALLS

	ANNUAL	SEMESTER
Honors House at Davison East and West		
Shared room.....	\$4,000	\$2,000
Private room.....	\$5,250	\$2,625
Wilson West, Wilson East, Gunn-Henderson West & East, Tinius West		
Shared room.....	\$3,000	\$1,500
Private room (if available, per semester additional)	\$800	
Tinius East		
Shared room.....	\$3,900	\$1,950
Private room with semi-private bath.....	\$5,250	\$2,625
Fails, Warlick		
Shared room.....	\$3,700	\$1,850
Shared room with semi-private bath.....	\$4,300	\$2,150
Private room.....	\$4,920	\$2,460
Private room with semi-private bath.....	\$5,250	\$2,625

	ANNUAL	SEMESTER
University House North, University House South		
Shared room with semi-private suite	\$4,300	\$2,150
Private room with semi-private suite.....	\$5,580	\$2,790

Meal Plan Options-Residence Halls

	ANNUAL	SEMESTER
Unlimited full Meal plan-no Eagle bucks included	\$3,500	\$1,750
300 meals per semester (20 meals/ week) + 100 Eagle Bucks.....	\$3,400	\$1,700
270 meals per semester (18 meals/ week) + 100 Eagle Bucks.....	\$3,300	\$1,650
210 meals per semester (14 meals/week) + 100 Eagle Bucks	\$2,900	\$1,450
270 meals per semester (18 meals/ week) no Eagle Bucks included..	\$3,100	\$1,550

Note: All undergraduate students, excluding married students, living in OC housing are required to select a meal plan.

UNIVERSITY VILLAGE APARTMENTS

	ANNUAL	SEMESTER
Phases III-IV		
One bedroom, semi-private (2 people).....	\$3,500	\$1,750
Renovated, semi-private (2 people).....	\$4,800	\$2,400
Two bedrooms, private (1 person per room)	\$4,750	\$2,375
Two bedrooms, semi-private (2 people per room)	\$3,200	\$1,600
McNally House - Phase V		
Semi-private	\$4,750	\$2,375
Private room	\$5,570	\$2,785
Phase VI		
One bedroom, semi-private (2 people).....	\$5,350	\$2,675
Two bedrooms, private (1 person per room) If available.....	\$5,570	\$2,785
Two bedrooms, private/semi-private		
Private:	\$5,570	\$2,785
Semi-private:	\$4,750	\$2,375
Two bedrooms, semi-private/semi-private (2 people per room).....	\$4,750	\$2,375

Meal Plan Options-Apartments

(except married apartments)

	ANNUAL	SEMESTER
75 meals per semester* (5 meals/week) no Eagle bucks included	\$1,080	\$540
105 meals per semester* (7 meals/week) no Eagle bucks included	\$1,500	\$750
105 meals per semester* (7 meals/week) + 200 Eagle bucks	\$1,900	\$950
270 meals per semester* (18 meals/ week) no Eagle bucks included	\$3,100	\$1,550
210 meals per semester* (14 meals/week) + 100 Eagle bucks	\$2,900	\$1,450
270 meals per semester* (18 meals/ week) + 100 Eagle bucks	\$3,330	\$1,650
300 meals per semester* (20 meals/ week) + 100 Eagle bucks	\$3,400	\$1,700
Unlimited full meal plan no Eagle bucks included*	\$3,500	\$1,750

*University Village Only

Note: All undergraduate students, excluding married students, living in OC housing are required to select a meal plan.

MARRIED STUDENT HOUSING

Phase II

One bedroom, unfurnished.....	\$600 per month
Two bedrooms, unfurnished.....	\$720 per month

Phase VI

One bedroom/One bath – 706 square feet, unfurnished (includes washer & dryer).....	\$755 per month
Two bedrooms/Two baths – 850 square feet, unfurnished (includes washer & dryer).....	\$915 per month
Two bedrooms/Two baths – 965 square feet (includes washer & dryer).....	\$995 per month

Phase VI has limited covered parking available for \$25 per month.

All housing areas include standard local telephone services and cable service. However, students must provide a telephone.

FINANCIAL INFORMATION

Because many students need financial help to attend a university, Oklahoma Christian provides a wide variety of financial aid programs. Money for higher education is available from a variety of sources, including federal aid programs, state aid programs, loans, grants, scholarships, and on-campus and off-campus jobs.

The Free Application for Federal Student Aid (FAFSA) determines eligibility for aid. The application form is available online at www.fafsa.gov or from the Student Financial Services Office.

As a private university, OC does not charge out-of-state tuition.

TYPICAL EXPENSES

As is the case in virtually all private institutions, you pay for only part of the total cost of your education. Because OC is a private university that receives no state support, additional funds are donated by individuals and firms interested in the programs that OC offers. Most students who attend OC will incur the following expenses:

Tuition (12-15 semester hours), per semester.....	\$8,300
Average room cost for freshmen, per semester.....	1,862.50
Meal Plan, 210 meals + 100 Eagle Bucks per semester.....	\$1,450
General fee.....	\$450
Technical fee.....	\$450
Student Government Association fee.....	\$28
TOTAL.....	\$12,540.50

The tuition charge of \$8,300 per semester is for 12 to 15 semester hours. All course fees are included in this \$8,300 except for private music lessons or nursing clinical fees. Those enrolling in more than 15 credit hours per semester pay \$553 for each hour above 15.

The general fee covers the costs of items such as the school newspaper, schedule changes, transcripts, and the fitness center. It also provides for students access to athletic events, to the library, and most course fees.

PAYMENT

PAYMENT PLAN FORM – Students who pre-enroll will receive an electronic payment plan soon after the receipt of their award letters. All students will be required to complete the payment plan form before classes begin. Payment of expenses may be arranged under one (or a combination) of four payment plans:

Plan 1 – Cash at Enrollment

This is the best form of payment because it eliminates all service charges. Students should be prepared to make payment for tuition, fees, and room/board on the day of registration each semester. Checks should be made payable to OC. The total cost is approximately \$12,540.50. The university also accepts three major credit cards (American Express, Discover, and MasterCard), which can be used to pay any part of the total student charges. Those who pay with a credit card will be charged a convenience fee.

Plan 2 – Installment Payment Plan

This monthly payment plan is available through the student's online account at <http://my.oc.edu>. There is a contract fee of \$50 and a required down Payment of \$100. No finance charges are assessed to the student's account as long as the contract payments are made on time each month. Yearly costs may be paid in 8,9, or 10 months depending on the enrollment date. For a 10 month payment plan, the student or parent must enroll before July 25. Students can access their student account by clicking on "Student Account Online" located on MyOC under Quicklinks. Students may also grant their parent(s) access by assigning a Parent Pin from their Student Account Online.

Plan 3 – Parent Loan for Undergraduate Students (PLUS)

This fixed interest rate loan of 7.9% is available to the parents of undergraduate, dependent students enrolled in at least a half-time course of study. The amount available is determined by the cost of education less the amount of other financial aid the student receives. Interest begins accruing when the loan is disbursed, and repayment begins 60 days after the loan is fully disbursed. Parents may also defer repayments until their child has graduated or ceased attending at least half-time. The Student Financial Services Office must certify eligibility for the loan. Please contact the Student Financial Services Office or visit www.oc.edu/loans for additional information regarding this loan.

Plan 4 – Alternative Loans

Various student loans are available to students through private lenders. More information is available through the Student Financial Services Office. For more information, visit www.oc.edu/loans.

For a complete listing of OC's financial policies, please visit www.oc.edu/financial.

REFUND POLICY

Withdraw/Drop Refund Policy

Tuition and general fee refunds are made to students who officially withdraw from a regular 15-week course or from the university before the fourth week of a semester. Refunds are given as follows:

1. If the withdrawal date is in the first week, a 100% refund will be made.
2. If the withdrawal date is in the second week, a 75% refund will be made.

3. If the withdrawal date is in the third week, a 50% refund will be made.
4. After the third week, no refunds will be made.

Tuition and general fee refunds are made to students who officially withdraw from all other courses by the second day of class. Refunds are given as follows:

1. If the withdrawal date is on the first day, a 100% refund will be made.
2. If the withdrawal date is on the second day, a 50% refund will be made.
3. After the second day, no refunds will be made.

FEDERAL FINANCIAL AID PROGRAMS

Applying for Aid

Interested students should complete a Free Application for Federal Student Aid (see page 22) and the admissions application.

Determination of the student's eligibility is based on family size, the number in college, income, resources, obligations, and the cost of the university. All information contained in these documents is held in strict confidence. The resulting financial aid report determines eligibility for a Federal Pell Grant, Federal Supplemental Education Opportunity Grant, TEACH Grant, Federal Perkins Loan, Federal Work Study, Federal Family Educational Loan, Oklahoma Tuition Equalization Grant, and Oklahoma Tuition Aid Grant.

Grant Programs

Federal Pell Grants are available to students. Eligibility is determined on the basis of need as defined by the Pell Grant Program Division of the U.S. Office of Education. Federal Supplemental Educational Opportunity Grants (SEOG) also are available to students. Pell Grant recipients are to receive priority consideration for SEOG awards.

Oklahoma Tuition Aid Grants and Oklahoma Tuition Equalization Grants also are available to students. Eligibility is determined by the Oklahoma State Regents for Higher Education. Recipients must be legal residents of Oklahoma.

Loan Programs

Federal Perkins Loans are available for eligible students at 5.0% simple interest. A student may borrow up to \$5,500 a year. There is no interest payment while the student is enrolled at least half-time. Repayment begins nine months after the student ceases to be at least half-time. The loan must be repaid within 10 years from the date payment begins. OC serves as the lender.

Federal Stafford Loans are available for eligible students at a fixed interest rate. Subsidized Stafford Loans have a fixed interest rate of 3.4% while Unsubsidized Stafford Loans have a fixed interest rate of 6.8%. Students may borrow up to \$5,500 a year as a freshman, \$6,500 a year as a sophomore, and \$7,500 a year as a junior or senior. A loan application must be completed in addition to the FAFSA. Repayment begins six months after the student ceases to be enrolled at least half-time. The entire loan must be repaid within 10 years after repayment begins.

There are two forms of the Federal Stafford Loan. The Federal Subsidized Stafford Loan (STSL) is based on a student's need, and the government pays the interest while the student is in school.

The Federal Unsubsidized Stafford Loan (UNSUB) is based on the university's cost of attendance. The limit of UNSUB takes into account the amount of STSL received. The government does not pay interest on the unsubsidized loan while the student is in school. The student can choose to pay interest quarterly or add it to the loan principal.

Parent Loans

Federal Parent Loans for Undergraduate Students (PLUS Loans) are unlike all the previously mentioned federal aid programs regarding eligibility criteria. Family finances are not a determining factor for PLUS loan eligibility. There is no income restriction whatsoever. Financial aid received by the student and the cost of attendance will determine eligibility. Students who have little or no eligibility for the other federal aid programs may find the PLUS loan very beneficial. A PLUS loan may help a student pay the difference between the cost of attendance and other estimated financial aid resources. Repayment begins 60 days after the loan is disbursed, or parents may also defer repayments until their child has graduated or ceased attending at least half-time. For more information, contact the Student Financial Services Office or visit www.oc.edu/loans.

Federal Work Program

Federal Work-Study (FWS) is an on-campus work program that allows you to earn a portion of your university expenses. Jobs include work in the cafeteria, library, maintenance office, and administrative offices. Generally you can work an average of 8 hours per week. Pay is at minimum wage. Awarding of FWS only indicates eligibility. You are responsible for finding a job. Job openings are posted online on the university's website at www.oc.edu/campusjobs.

SCHOLARSHIP AND AID PROGRAMS

OC offers scholarships for students planning to attend the university based on financial need and merit. Information regarding available scholarships can be found at www.oc.edu/scholarships. Application forms are available through the Admissions Office and at www.oc.edu/admissions.

Presidential Academic Success Scholarships (PASS) reward academic achievement tied to outstanding student performance on the ACT and SAT college entry tests. To retain these awards, you must maintain a 2.8 cumulative GPA. All academic awards are reviewed on an annual basis for each class.

National Merit Scholars are coming to Oklahoma Christian in record numbers. To recognize and encourage these students to attend OC, the university makes a very generous scholarship available. Applicants may submit a copy of the award letter or National Merit certificate to the Student Financial Services Office to receive more information.

Oklahoma State Regents Scholarships are awarded to outstanding freshmen based on the sum of their ACT subscores (or SAT score). The minimum score required for the top half-percentile of students depends on different subdivisions of the population, as defined by the State Regents. Students also may qualify with nationally-recognized awards, such as a National Merit Scholar honor. The award is \$4,000 per year.

ROTC Scholarships are awarded competitively to students desiring to earn an Army or Air Force officer's commission while earning a baccalaureate degree. They are awarded on the basis of academic achievement, ACT score, physical examination, and interview data. The scholarship provides full tuition, books, and laboratory fees. Army scholarship recipients receive military instruction through an agreement with the University of Central Oklahoma. Application forms and more information may be obtained from Army ROTC, University of Central Oklahoma, Edmond, OK 73034; (405) 974-5167.

Air Force Scholarship recipients receive military instruction through an agreement with the University of Oklahoma. This arrangement gives students the opportunity to join Air Force ROTC while attending Oklahoma Christian. The cooperative agreement with the University of Oklahoma exempts OC students from paying fees and insurance at OU. The only cost to the student is for the ROTC credit. Classes meet on the OU campus. AFROTC offers a variety of scholarships in pre-nursing, computer science, engineering, and other majors offered at OC. After completing a degree and the AFROTC program, a student will be commissioned as an officer in the U.S. Air Force and will also have a guaranteed job after graduation. Application forms and further information may be obtained from Air Force ROTC, Detachment 675, University of Oklahoma, Norman, OK 73019-0604; (405) 325-3211.

Employment opportunities are available for students who desire work, but do not qualify for Federal Work-Study programs. On-campus and off-campus job opportunities are posted on the university's website at www.oc.edu/jobs.

OTHER AID PROGRAMS

John B. Whitley/Student Government Association Loan Fund

This fund is maintained through the Office of Student Life. Loans up to \$50 are available to students for a period of one month at a \$.50 interest fee per loan. Repayment of loans is set on a 30-day basis, with a default charge of \$10. The fund was established by the residents of the OC men's residence halls and Mr. and Mrs. Francis Whitley of Riddleton, Tennessee, in memory of their son, an OC student in the 1960s.

Veterans Programs

Assistance is available to veterans who have served in the U.S. Armed Forces for more than six months of active duty. Students should check with their regional Veterans Administration Office.

Disabled veterans are handled through a separate program by the VA. To assist disabled veterans in receiving additional benefits, the VA set up a counseling program. Children of veterans may be eligible for some benefits. You should check with the VA office to determine if you qualify as a war orphan or as a child of a veteran.

BIA Grants

The Bureau of Indian Affairs can provide applications for grants. You must contact your tribe to determine eligibility criteria.

Vocational Rehabilitation Programs

Vocational rehabilitation assistance is available to qualified applicants. High school counselors should be contacted for the address of local vocational rehabilitation counselors.

For more information on financial aid or scholarships, please visit the Student Financial Services Office website at www.oc.edu/financial.

ACADEMIC POLICIES

ADMISSION

To be accepted to Oklahoma Christian University, students must complete the following steps:

For high school students:

- Submit a completed application for admission and \$25 non-refundable application fee.
- Submit a current high school transcript.
- Submit an ACT or SAT score.
- Submit a Character Recommendation Form completed by a third-party, non-family member.

Eligible high school juniors may obtain early admission to OC and attend the summer session before their senior year and/or concurrent courses during their senior year of high school.

To be granted full admission to Oklahoma Christian, high school students must submit an official high school transcript that shows evidence of graduation.

For applicants over 18 who have not graduated from high school:

- Submit a completed application for admission and \$25 non-refundable application fee.
- Submit evidence of having passed the GED test.
- Submit an ACT or SAT score.
- Submit a Character Recommendation Form completed by a third-party, non-family member.

For transfer students from other colleges or universities:

- Submit a completed application for admission and \$25 non-refundable application fee.
- Submit an official high school transcript (waived for students who have completed 24 or more semester hours of accredited college credit).
- Submit official academic transcripts from all colleges and universities previously attended.

Transfer students must be eligible to re-enter schools previously attended. Transfer credits will be accepted from regionally-accredited colleges and universities upon approval of the Registrar. A maximum of 65 semester hours from community colleges may be applied toward degree requirements.

For transfer students from preacher training schools:

- Submit a completed application for admission and \$25 non-refundable application fee.
- Submit an official high school transcript (waived for students who have completed 24 or more semester hours of accredited college credit).
- Submit a complete official transcript from the preacher training school attended.
- Submit a letter of recommendation from the Academic Dean of the preacher training school.
- Submit official academic transcripts from any other colleges and universities previously attended.

For International Students:

1. APPLICATION

Complete the application for admission online at www.oc.edu/ apply. A \$25 non-refundable application fee will be required before

submitting the online application.

2. PROOF OF ENGLISH PROFICIENCY

Applicants who have not studied in an English-speaking country must take the Test of English as a Foreign Language (TOEFL), or International English Language Testing Service (IELTS) and arrange for the testing agency to send the test results to Oklahoma Christian University. The required TOEFL score is 500 PBT (61 iBT) and IELTS is 6.0. No TOEFL or IELTS score is necessary for enrolling in the intensive English language program.

3. ACADEMIC DOCUMENTATION

Original or officially certified copies of all grade reports for all secondary and higher education studies, as well as original or officially certified copies of all academic diplomas, certificates, and national or other major examination results must be submitted, along with an official English translation certified by the educational institution.

4. FINANCIAL DOCUMENTATION

An applicant must provide proof of adequate funds, \$26,755 per year, to live and study full time at Oklahoma Christian University. Applicants must submit a completed Financial Worksheet accompanied by an original bank verification letter or statement. The U.S. government requires this certification before Oklahoma Christian University can issue the appropriate U.S. government forms necessary for obtaining a visa at a U.S. embassy or consulate.

5. STATEMENT OF UNDERSTANDING

An applicant must submit Oklahoma Christian University's Statement of Understanding outlining rules and expectations of the University.

Once the above documents have been received and approved, a Certificate of Eligibility for Nonimmigrant (F-1) Student Status Form I-20 can be issued for those students requiring a student visa.

6. TRANSFER STUDENTS

A Transfer Release Form is required for students transferring from another U.S. college or university. It must be signed by the applicant and completed by the current institution which holds the student's current I-20 record. Please note that students must hold legal status in the United States to be eligible for admission.

7. ADMISSION TO OC

Upon admission, first-time students and transfer students will receive health and immunization forms, a housing request form, an I-20, and F-1 visa instructions from the Office of International Programs at Oklahoma Christian University.

OC provides a wide range of support and services for international students. Assistance is provided in university enrollment, visa compliance, cross-cultural adjustment, and tutoring. You are invited to join the International-American Association, the campus association promoting cross-cultural friendships and awareness.

For More Information

For answers to questions or for an application, please write or call:

Office of Admissions
Oklahoma Christian University
P.O. Box 11000
Oklahoma City, OK 73136-1100
(405) 425-5050 or (800) 877-5010
<http://www.oc.edu/admissions>

For Information on Graduate Studies

For information on the Master of Divinity or the Master of Arts degree, contact the Graduate School of Theology at josh.bailey@oc.edu or call (405) 425-5389.

For information on the Master of Business Administration degree, contact the School of Business Administration at brock.lytton@oc.edu or call (405) 425-5565.

For information on the Master of Science in Engineering degree, contact the School of Engineering at stephanie.baird@oc.edu call (405) 425-5579.

CLASSIFICATION OF STUDENTS

Freshmen

Students with fewer than 30 semester hours credit.

Sophomores

Students with 30 to 59 semester hours credit.

Juniors

Students with 60 to 89 semester hours credit.

Seniors

Students with 90 or more semester hours credit.

Full-time

Students taking 12 semester hours or more during any semester.

Special

Students taking fewer than 12 semester hours during any semester.

Audit

An audit student is one who has obtained official permission to attend a course without taking it for university credit. A reduced tuition fee is charged for students who audit a course.

Unclassified

An unclassified student is one who has applied for admission, but who has not yet been officially admitted because sufficient information has not been received. If the necessary information is not submitted within 30 days, you will be asked to withdraw.

ACADEMIC STATUS

Good Standing

To be considered in good standing, you must maintain the cumulative GPA shown below:

Freshman	1.70	(D)
Sophomore	2.00	(C)
Junior	2.00	(C)
Senior	2.00	(C)

All students will have an academic status check at the end of each semester. Those who are not in good standing will be notified of their status.

Academic Alert

If your GPA for any semester, or if your cumulative GPA, falls below the level of good standing, you will be notified and placed

on academic alert. Also, students with 64 or more hours and an undeclared major will be placed on academic alert.

Academic Probation

If your GPA for the semester and your cumulative GPA fall below the level of good standing, you will be placed on academic probation. After two semesters of academic probation, you may not be allowed to continue at the university without permission from the Registrar. Students on academic probation are ineligible for intercollegiate athletic competition or for performance in other university-sponsored activities.

Academic Suspension

When you have completed two semesters on academic probation without achieving the level of good standing, you may be suspended. Appeals of suspension should be addressed in writing to the Registrar, who will present the case to an academic suspension appeals committee.

A suspended student may be re-admitted once, and the re-admitted student must attain a 2.0 GPA each semester while on probation. You will be removed from probation only when a cumulative GPA of 2.0 has been reached.

The university may suspend or dismiss any student who fails to earn a GPA of at least 1.0 during a semester, regardless of classification or number of hours completed.

FINAL EXAMS

Generally, students may not reschedule final exams due to heavy testing in a single day. A student may request that his or her final examination in a class be rescheduled only where the student has more than three examinations scheduled for a single day. If a student wishes to reschedule a final exam, he or she must receive permission from the Dean of the college. Final examinations will not be given early unless approved by the Deans' Council upon a showing of extraordinary circumstances. Examples of extraordinary circumstances are non-elective surgery or being called to active duty.

GRADING SYSTEM

Most courses use the standard letter grades: A, B, C, D, and F.

- A Superior performance in which the student demonstrates:
 1. A thorough knowledge and retention of the factual material of the subject.
 2. A thorough understanding of the principles of the material studied.
 3. A timely and accurate completion of the course requirements such as homework, term papers, etc.
 4. An ability to apply and correlate the subject material to the solution of new and different problems.
- B Good performance in which the student demonstrates:
 1. An above average knowledge and retention of the factual material of the subject.
 2. An adequate understanding of the principles of the material studied.
 3. A timely and accurate completion of the course requirements.
 4. Some ability to apply and correlate the subject material to the solution of new and different problems.

- C Adequate performance in which the student demonstrates:
1. An average knowledge and retention of the factual material of the subject.
 2. Some understanding of the principles of the material studied.
 3. Satisfactory completion of the course requirements.
- D Poor performance in which the student demonstrates:
1. Limited knowledge and retention of the factual material of the subject.
 2. Limited or no understanding of the principles of the material studied.
 3. Unsatisfactory completion of the course requirements.
- F Failing performance in which the student demonstrates:
1. Little or no knowledge and retention of the factual material of the subject.
 2. Little or no understanding of the principles of the materials studied, and/or
 3. A failure to satisfactorily complete the course requirements.

Other grades which may be awarded are as follows:

- NP A no-passing grade in a course that does not give a letter grade.
- P A passing grade in a course that does not give a letter grade.
- W Withdrawn from a course after the fourth week and before the 12th week.
- I Granted if you have not met the requirements of the course due to illness, an emergency, or some other cause deemed reasonable by the instructor. A grade of "I" is not given when you have simply been negligent of class requirements. A grade of "I" is removed by the completion of the necessary work within six weeks after the semester ends. The professor has an option to grant an extension if warranted based on a request by you within the first six weeks. If a grade has not been submitted by the professor at the end of 12 weeks, the Registrar will convert the grade from an "I" to an "F".

The specific course requirements such as term papers, homework, attendance, special projects, and the number and scope of examinations are at the discretion of each professor. You should consult the course syllabus for the specific requirements and grading scale for each class.

If you repeat a course at OC, the higher grade only is used to compute the GPA. The original grade will remain on the transcript.

Academic Honors

The Honor Roll recognizes students with a 3.40 (B) or above semester GPA.

The Deans' List honors those with a 3.85 (A) or above.

The President's List honors those with 4.00 (A) grades.

Graduate with Honors

Students graduate with honors at these levels:

cum laude	3.40
magna cum laude	3.60
summa cum laude	3.85

POLICY ON ACADEMIC HONESTY

Cheating

Cheating on an examination or an assignment roll sheet or any other course related work or activities undermines the ethics of the university and the specific Christian purposes of OC. Accordingly, those who cheat on examinations, or any other course related work or activities or assignments will face serious consequences, as outlined in the following policy.

Plagiarism

One particular form of cheating is plagiarism. Plagiarism is transmitting of another's ideas, words, or materials as one's own and/or the failure to credit accurately the ideas, words, or materials of another. Plagiarism also includes passing off the work of another (a friend, a parent, a website) as one's own. Plagiarism undermines the ethics of the academy and the specific Christian purposes of OC. Accordingly, students who engage in plagiarism in assignments submitted will face serious consequences, as outlined in the following policy.

Penalties for Academic Dishonesty

- On the first offense, the student will receive a "0" (zero) credit for the examination or assignment. For forms of cheating or dishonesty other than on examinations or assignments, the professor shall have the discretion to impose an appropriate penalty. Professors must send documentation of the first offense to the appropriate chair, the dean of the appropriate college, the Vice President for Academic Affairs, and the Dean of Students.
- On the second offense, in the same course, the student will receive an "F" in the course. Professors must send documentation of the second offense to the appropriate chair, the dean of the appropriate college, the Vice President for Academic Affairs, and the Dean of Students.
- At either the first offense or second offense, the student may appeal using the process set forth for grade appeals.
- If you commit offenses in two or more courses, the Academic Appeals Committee may assign penalties for academic dishonesty in addition to the penalties assigned by the professors in the courses." The Committee may assign penalties up to and including suspension from the University.

Professors should maintain the highest standards of academic honesty both in and out of the classroom. Professors must apply the rules regarding cheating and plagiarism and report to the appropriate channel. The student should be referred to the OC Covenant for principles which should guide conduct in such matters.

Grade Appeals

Any student may appeal a final grade received in a course.

To assure due process and protect the rights of both you and the professor, the appeals procedure below must be followed. Except by this process, no student-appealed grade may be changed, and no student-contested academic action by a professor may be reversed.

Step 1 – Contact the Professor

A student who disagrees with a professor on a course grade or other grade related issue must contact the professor in writing to explain the concern or complaint. If the student does not bring the matter to the professor's attention within four weeks of the final grade report,

the student loses the right to appeal. The professor has two weeks to respond to the student's appeal.

Step 2 – Appeal to the Chair

If interaction with the professor does not resolve the issue, the student has two weeks from that response to appeal to the chair of the professor's school or department. Otherwise, you lose the right of appeal and the issue is considered closed. If the professor is the chair, you will take the appeal to the dean.

The appeal must include a written description of the circumstances as understood by the student. Two copies of this written appeal must be given to the chair in a private interview. The chair will give one copy of the student's appeal to the professor and request any supporting documentation from the professor. The chair will discuss the complaint with the professor and, where appropriate, with other students.

The chair will make a decision as soon as is reasonably practicable, but in no event longer than four weeks from the date of receipt of the appeal, and will communicate that decision in writing to the student.

After receiving the appeal, the chair has two options: the chair may make the decision and explain it to the student and the professor within two weeks or, if the chair considers the matter sufficiently serious or complex, the chair may take the matter to the dean of the professor's college for further review and response.

Step 3 – Appeal to the Dean

If the chair makes the decision, and if the student or the professor is not satisfied that the chair's decision is fair and just, either may appeal to the dean of the professor's college within one week of the decision by the chair.

After receiving the appeal, the dean has two options: the dean may make the decision and present it in writing to the student, the professor, and the chair within four weeks or, if the dean considers the matter sufficiently serious or complex, the dean may take the matter to the Academic Appeals committee.

Step 4 – Appeal to the Academic Appeals Committee

If the dean makes the decision, and if the student or the professor are not satisfied that the dean's decision is fair and just, either may initiate an appeal to the Academic Appeals Committee by notifying the Vice President for Academic Affairs in writing of the appeal within one week of the dean's decision. The dean will present a copy of the original appeal and any documents submitted by the professor or gathered in evidence prior to the dean's decision.

The Academic Appeals Committee may discuss the matter with the student and professor individually. The Academic Appeals Committee will decide the matter as soon as is reasonably practicable, but in no event longer than four weeks after the matter is submitted to it. After review, the decision of the Academic Appeals Committee is final and must be reported in writing to all involved parties by the Vice President for Academic Affairs.

The time periods noted above may, in each instance, be extended due to extenuating circumstances or when the time period runs during school holiday periods, such as Christmas or summer break.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT

The Family Educational Rights and Privacy Act (FERPA) affords you certain rights with respect to your education records:

1. The right to inspect and review your education records.
2. The right to request the amendment of your education records to ensure that they are not inaccurate, misleading, or otherwise in violation of your privacy or other rights.
3. The right to consent to disclosures of personally identifiable information contained in your education records, except to the extent that FERPA authorizes disclosure without consent.
4. The right to file with the U.S. Department of Education a complaint concerning alleged failures by the university to comply with the requirements of FERPA.
5. The right to obtain a copy of the university's student records policy. You may obtain a copy of the policy from the Office of the Registrar in Cogswell-Alexander Hall. You will be notified annually of these rights in the Catalog and the Student Handbook.

STUDENTS WITH DISABILITIES

OC seeks to be learner-friendly for students with disabilities. If you have diagnosed disabilities, you should direct your inquiries to Amy Janzen at (405) 425-5907. Disability documentation must be provided from an appropriately qualified professional (i.e., physician, psychiatrist, or psychologist). Each semester, you must meet with Ms. Janzen to establish a specific accommodation plan. OC seeks to be helpful and cooperative. Nevertheless, the responsibility for learning rests with you; and you must take the initiative to arrange for the accommodations. For specific policies, see the ADA Handbook, which is available in the Office of Student Life.

CLASS SCHEDULING

The university makes every reasonable effort to offer all classes for which registration has occurred. There are times, however, when insufficient enrollment in the class makes it necessary for the university to cancel the section. There are times when you may attempt to register for a class that has already filled. Once a class is filled, students may place themselves on the waiting list for that particular section. Please keep these situations in mind as you schedule classes needed to complete your degree.

DROP AND ADD PROCEDURES

Dropping a Class

To drop a class you must do the following:

1. Get your advisor's signature on a change in enrollment form.
2. Get your professor's signature, unless the drop is made before the last day to add classes.
3. Take the drop/add slip to the Office of the Registrar.

Semester Drop Schedule

Weeks 1-4	No record of dropped course
Weeks 5-12	"W" recorded for dropped course
After Week 12	No dropping of course

Note: Freshmen and sophomores must enroll in a Bible course each semester. These classes may not be dropped.

You may withdraw from a course(s) through week 12 of the semester with a grade of "W" recorded on the transcript. Drop and

add deadlines are published in the official class schedule for each semester and in the catalog calendar.

DROP/ADD DATES FOR SPECIFIC TYPE OF CLASS STRUCTURE

Based on 15 hours of "seat time" per credit hour offered

REGULAR 15-WEEK TERM:

1. Cannot add after the 1st week of class
2. Can drop without a grade of "W" week 1-4
3. Can drop with a grade of "W" week 5-12
4. Cannot drop after week 12

ONE-WEEK COURSE – MEETS 5 TIMES: Each class = 3 weeks

1. Cannot add after the 1st class meets
2. Can drop without a grade of "W" day 1
3. Can drop with a grade of "W" day 2-4
4. Cannot drop after day 4

TWO-WEEK COURSE – MEETS 10 TIMES: Each class = 1½ weeks

1. Cannot add after 1st class meets
2. Can drop without a grade of "W" days 1-2
3. Can drop with a grade of "W" days 3-8
4. Cannot drop days 9-10

THREE-WEEK COURSE – MEETS 6 TIMES: Each class = 2½ weeks

1. Cannot add after 1st class meets
2. Can drop without grade of "W" days 1-2
3. Can drop with a grade of "W" days 3-4
4. Cannot drop days 5-6

THREE-WEEK COURSE – MEETS 12 TIMES: Each class = 1¼ weeks

1. Cannot add after 1st class meets
2. Can drop without grade of "W" days 1-3
3. Can drop with a grade of "W" days 4-9
4. Cannot drop days 10-12

THREE-WEEK COURSE – MEETS 15 TIMES: Each class = 1 week

1. Cannot add after 1st class meets
2. Can drop without a grade of "W" days 1-4
3. Can drop with a grade of "W" days 5-12
4. Cannot drop days 13-15

FOUR-WEEK COURSE – MEETS 20 TIMES: Each class = ¾ week

1. Cannot add after day 2
2. Can drop without a grade of "W" days 1-5
3. Can drop with a grade of "W" days 6-16
4. Cannot drop days 17-20

Adding a Class

To add a class, you must do the following:

1. Get your advisor's signature on a drop/add slip.
2. Get the signature of the Registrar if the add is made after the deadline for adding classes or if the class will raise your course load above 17 hours.
3. Take the drop/add slip to the Office of the Registrar.

ADDITIONAL CREDIT PROGRAMS AND TESTING

You may receive credit for certain courses or activities not taken in the traditional manner.

Credit by Independent Study

You may receive credit by independent study in your major with the approval of your college's dean. Professors will assign a regular grade in a course on the basis of an examination, contact with you during a period of independent study, oral reports, and/or research papers.

You should take the initiative to propose a study or project to the dean and the faculty director before enrollment. Arrangements for periodic progress checks should be made within two weeks after the semester begins. You normally will not be allowed to take by independent study a course that is regularly offered. Normally, no more than 12 semester hours in independent study may be applied toward a degree. Faculty who agree to supervise an independent study must post the syllabus for the independent study in the online site for syllabi.

Extracurricular Credit

A department may request one hour of credit for an activity in which academic courses are usually given at recognized institutions. Prerequisites may be established if desired.

The course must provide some instruction in the area being served and must require a total of no fewer than 60 hours of student participation. The professor certifies with the grade that you participated the required amount of time. The grade itself indicates the quality of participation. Hours well above the minimum may be given some consideration in establishing the grade. Because some activities will not start until after registration, you may enroll for the course after the stated time; and the final grade will be the only one submitted.

CREDIT BY EXAMINATION POLICIES

ACT or SAT Exams

The ACT or SAT is required of all entering freshmen except for international students. You should take the test during the regular testing periods during your junior or senior year in high school since some scholarship offers are based on test scores. College credit may be received if you achieve the ACT score required by OC for certain areas:

1. For an ACT English subscore of 28 or above, you will receive credit for ENGL-1123 – Communication I
2. For an ACT Math subscore of 28 or 29, you will receive credit for MATH-1143 – Elements of Math I
3. For an ACT Math subscore of 30 or higher, you will receive credit for MATH-1143 and for MATH-1213 – College Algebra.

Residual ACT testing is offered on an appointment basis for those who have applied for admission to Oklahoma Christian. Call (405) 425-5050 for an appointment. Residual test scores are mailed directly to the examinee with a copy being kept by OC. The testing is given through OC. Residual ACT test scores are not sent to other universities. OC may not administer ACT residual testing on the same day that a national ACT exam is administered. National registration for the ACT exam is made through the national office.

ACT registration packets are normally available at any high school. They also may be ordered by mail, by calling (319) 337-1270, or by registering online at <http://www.act.org>.

CLEP and Other Exams

In addition to the possibility of receiving college credit through ACT testing, if you have had sufficient experience, training, or study in a subject area, you may apply to take College Level Examination Program (CLEP) subject exams or CLEP general exams published by the College Entrance Examination Board in order to receive

academic credit. CLEP exams are offered to entering freshmen during the summer orientation programs or by special arrangement on an individual basis with IT Services – (405) 425-1803. You also may take CLEP exams after the semester begins if you meet the written guidelines. See the listing at the end of the following guidelines for CLEP exams offered and courses for which credit may be obtained.

ACT and CLEP Guidelines

1. No waiting period is required between the time you may take the national ACT and the time you may take the residual ACT, or vice versa. However, you must wait a minimum of 60 days between taking two residual ACT exams or between taking two national ACT exams. You may take the national ACT and the residual ACT a maximum of 12 times total.
2. A non-refundable payment of \$90 (subject to change without notice) for each CLEP exam and \$35 for each residual ACT exam must be made to OC at the time the test is given. Charges will not be added to your account.
3. Only those who are enrolled at OC or who have been accepted for admission to the university may receive credit by examination.
4. A minimum of 12 semester hours must be earned in class work at OC before credit earned by examination will be recorded.
5. You may not attempt credit by examination for courses that you have audited or in which you are, or have been, enrolled and in which you have attended any classes at OC or any other university. If you wish to take a CLEP exam for credit in a course in which you are currently enrolled, then you must drop the course within the first week of the semester.
6. You may attempt to receive credit by CLEP examination again after six full months.
7. Except where specifically provided for by a program, credit by examination may not be given in a course sequentially lower in the department or a prerequisite to a course for which you have received credit.
8. You may receive up to 60 semester hours of credit by examination. The amount you may take by correspondence or extension will be reduced accordingly.
9. Credit earned by proficiency examination does not count toward the resident requirement of 30 semester hours.
10. If you have taken and passed a course at an unaccredited institution and wish to validate that work through the procedures outlined in this policy, you may do so. This credit is considered equivalent to transfer work and does not satisfy the requirement calling for 30 semester hours in residence or the requirement calling for one half of the major at OC.
11. You must pass CLEP examinations with a score determined by the university to receive course credit at OC. Credit received is recorded on your permanent record with a grade of "P" for passing.

CLEP TESTS OFFERED AT OC AND REQUIRED SCORES

Subject Examinations	OC Req. Score	Course Code	OC Course
American Government**	63	POLS-2113	Introduction to American Politics
Pre-Calculus	61	MATH-1213 & MATH-1522	College Algebra/Trigonometry
Calculus	64	MATH-2114	Calculus I with Analytical Geometry
College Algebra	63	MATH-1213	College Algebra
College Mathematics	62	MATH-1143	Elements of Mathematics I
History of U.S. I	56	HIST-2213	History of the U.S. to 1877
History of U.S. II	57	HIST-2223	History of the U.S. since 1877
Humanities	56	FINE-2913	Perspectives in Fine Arts
General Biology	57	BIOL-2013	Biology I
General Chemistry	65	CHEM-1115 or CHEM-1314	General Chemistry or General Chemistry for Engineers
Information Systems/Computer Applications	60	INFO-2113	Introduction to Computers in Business
Principles of Macroeconomics	62	ECON-2113	Macroeconomic Principles
Principles of Microeconomics	64	ECON-2213	Microeconomic Principles
Introduction to Psychology	59	PSYC-1113	General Psychology
Introduction to Sociology	59	SOCI-1113	Perspectives in Sociology
Western Civilization I: Near East-1648	57	HIST-2923	Perspectives in Western Civilization
Western Civilization II: 1648-Post WWII	56	HIST-2923	Perspectives in Western Civilization

** Must be accompanied by Macroeconomics credit to receive credit for POLS-1213.
NOTE: No CLEP tests will be accepted for upper division business courses.

ADVANCED PLACEMENT EXAMINATIONS AND REQUIRED SCORES

AP Course	Score	Course Code	OC Course
Art History	3	FINE-2913	Perspectives in Fine Arts
Art/Studio/Drawing	3	ARTS-1113	Fundamentals of Drawing
Biology	3	BIOL-2013	Biology I
Biology	4+	BIOL-1214 & 1314	Botany & Zoology
Chemistry	4	CHEM-1115	College Chemistry
Computer Science A	3	CMSC-1113	Programming
Computer Science B	3	CMSC-1113 & 1123	Programming I & II
Economics/Macro	3	ECON-2113	Macroeconomics
Economics/Micro	3	ECON-2213	Microeconomics
English Language/Composition	3	ENGL-1123	Communication I
English Literature/Composition*	3	ENGL-1123	Communication I
European History	3	HIST-2923	Perspectives in Western Civilization
French, Language	3	FRNC-1113 & 1213	Beginning French I & II
German, Language	3	GERM-1113 & 1213	Beginning German I & II
Government and Politics	3	POLS-2113	Introduction to American Politics
Human Geography	3	GEOG-2113	Elements of Human Geography
Math/Calculus AB	3	MATH-2114	Calculus I with Analytical Geometry
Math/Calculus BC	3	MATH-2114 & 2214	Calculus II with Analytical Geometry
Music/Listening/Literature	3	FINE-2913	Perspectives in Fine Arts
Music Theory	3	MUSC-1112	Music Theory I
Psychology	3	PSYC-1113	General Psychology
Physics/B	3	PHYS-1514	College Physics I
Physics/C Mechanics	3	PHYS-2513	Physics I
Physics/C E&M	3	PHYS-2613	Physics II
Spanish Language	3	SPAN-1113 & 1213	Beginning Spanish I & II
Statistics	3	MATH-2913	Statistical Methods
U.S. History	3	HIST-2213 or 2223	History of the U.S. to 1877 or History of the U.S. since 1877
U.S. History	4	HIST-2213 & 2223	History of the U.S. to 1877 and History of the U.S. since 1877
World History	3	HIST-2923	Perspectives in Western Civilization
*No CLEP credit given for English Literature, ENGL-2213			

INTERNATIONAL BACCALAUREATE PROGRAM

Credit may be awarded to students who have taken higher-level courses in the International Baccalaureate Program and who have scored at a least a 4 (on a 7-point scale) on the higher-level course examination. Such credit generally is awarded on a course-by-course basis as recommended by the appropriate OC department. The following higher-level International Baccalaureate courses have been approved for credit without individual department review:

International Baccalaureate Higher-Level Course	Equivalent OC Course	Minimum Score	Semester Credit Hours
Biology	BIOL-1314 – General Zoology	4	4
Chemistry	CHEM-1115 – General Chemistry	4	5
Economics	ECON-2113 – Macroeconomics	4	3
Higher Mathematics	MATH-2114 – Calculus I	4	4
History-America	HIST-1223 – Turning Points in U.S. History	4	3
History-European	HIST-2923 – Western Civilization	4	3
Language A: English	ENGL-1123 – Written Communication I	4	3
Music	FINE-2913 – Perspectives in Fine Arts	4	3
Physics	PHYS-1514 – College Physics	4	4
Social Anthropology	SOCI-1113 – Introduction to Sociology	4	3

International Baccalaureate transcripts should be submitted to the Office of the Registrar. You can request transcripts through your high school International Baccalaureate coordinator for the first year after high school graduation. Thereafter, transcripts can be requested from the International Baccalaureate Program, North America, 475 Riverside Drive, Suite 1600, New York, NY 10115; (212) 696-4464. Website: www.ibo.org.

You should be aware that AP examinations, CLEP examinations, International Baccalaureate examinations, and college courses taken prior to or after enrolling at OC may be duplicative. In these cases, the university will award credit for only one.

Departmentally-Prepared Challenge Exams

Departmentally-prepared exams are extensive examinations over specific subjects or courses. Approval for the examination, the type of examination to be used, or for other work to be performed will be left to the department. Application forms are available in the Office of the Registrar.

The charge for credit under this policy will be a \$20 fee for the examination, whether passed or failed, and \$10 per semester hour of credit fee to record it on the transcript if it is passed. In case of validation of unaccredited work, the latter charge will not be made.

If you make a grade of “C” or above on a departmentally-prepared examination, the course will be recorded with credit given and a grade of “P” for passing. You may not attempt an examination in the same course more than one time.

Retroactive Credit for Foreign Language

You may begin university language study at the level appropriate to your background in the language. Upon completion of course numbers 1213, 2113, or 2123 with a grade of “B” or better or upon passing a departmentally-prepared exam, you may apply for retroactive credit for all previous courses in the foreign language sequence. The application for such credit must be approved by the

professor and the department chair. You must then pay \$10 per semester hour in the Office of the Registrar to have the retroactive credit recorded.

Air Force ROTC Credit

You have a unique opportunity to join Air Force Reserve Officer Training Corps (AFROTC) while attending Oklahoma Christian. A cooperative agreement exists between OC and the University of Oklahoma (OU) that exempts OC students from paying most fees and insurance at OU. Basically, the only cost to you is for the AFROTC credit hour(s). AFROTC classes meet on the OU campus, which is approximately 45 minutes from OC.

AFROTC offers a variety of scholarships in computer science, engineering, and other majors that you can pursue at OC. After completion of the degree and the AFROTC program, you will be commissioned as an officer in the United States Air Force and also have a guaranteed job after graduation. For more information, contact the University of Oklahoma.

Army ROTC Credit

Two-, three-, and four-year programs are available to you through a cooperative agreement between Oklahoma Christian and the University of Central Oklahoma (UCO). This allows you to commute to UCO and attend Army ROTC classes while continuing to pursue your degree at OC.

Through the Army Reserve Officers' Training Corps Program (ROTC), the Department of Military Science offers two programs. After completion of the degree and the ROTC program, you will be commissioned as an officer in the United States Army, the Army Reserves, or the Army National Guard. For more information, contact UCO.

CLASS ATTENDANCE

Class Periods

Class periods and class formats vary according to the number of credits given for the course. Typically, three-hour courses meet for three 50-minute periods a week, two-hour courses meet twice a week, and one-hour courses meet once a week. Another common pattern for three-hour courses is to meet two periods per week at one hour and 15 minutes each. With the university's approach to instruction, however, many variations on this standard plan for class meetings give variety in scheduling. The achievement expected of you, however, still conforms to the expectation implicit in the awarding of semester hours credit.

Absence Policy

Attendance policies and penalties rest under the purview of the professor. Those professors who require attendance for your course must detail those requirements and penalties in your syllabi. Students who exceed the number of absences or otherwise fail to meet attendance policies will experience the consequences as the professor explains in the syllabus. These may include withdrawing you from a course if you miss more than a specified number of classes.

Faculty members are expected to establish reasonable absence policies. One fair model is to allow you to miss one week's worth of class before absences affect your grades. For example, if the class meets MWF, you would be allowed three absences without penalty.

Students who participate in OC activities should inform their professors in writing of the scheduled activities and absences the first week of class or as soon as possible. Professors should make every effort to work with those who conscientiously inform them of absences due to university activities. Absences due to official university activities such as intercollegiate athletic contests and musical performances should not penalize you per se. However, numerous absences may still affect test scores and other performance in any course.

Students and VA Benefits

In keeping with minimum standards set by the state, these following guidelines will be followed in reporting to the Veterans Administration regional offices the attendance and academic progress of those who receive VA benefits:

1. If you drop out of school, OC will report the last date attended to assure that payments are terminated no later than the date when you stop attending a course.
2. OC also will report when you fail to maintain satisfactory progress. You will be placed on academic alert and should make a 2.0 GPA at the end of that semester or raise your cumulative GPA to the level of good standing required for your classification.

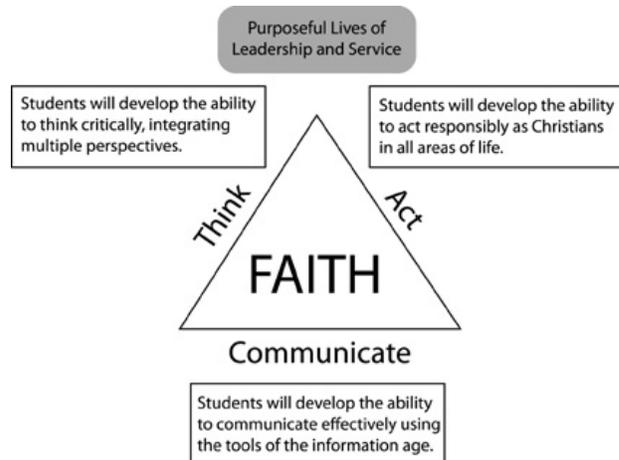
If you have questions about your VA benefits, contact the Office of the Registrar at (405) 425-5206.

CORE CURRICULUM

Oklahoma Christian is a higher learning community that transforms lives for Christian faith, scholarship, and service.

To accomplish this mission, the university is committed to educating you from a foundation of Christian faith to think, communicate, and act in a complex, demanding, and changing global community.

That commitment is depicted in the core curriculum model that appears in the figure below and is explained more specifically in the following paragraphs.



FAITH

Our aim is to “take every thought captive to make it obedient to Christ” (II Cor. 10:5b). This means that our faculty and you are involved in an ongoing project to explore and promote the Christian worldview.

In every discipline, we make Christ – the Incarnate Word of God – and the Bible – the written Word of God – the foundation of our intellectual growth and moral development. This knowledge of the Word of God is essential equipment for Christian scholars.

Secular education often is satisfied to create doubt and leave it unresolved. Fundamentalist education often is satisfied to retreat from doubt and deny that it exists. Christian education confronts doubt and seeks to overcome it to produce faith.

Therefore, we commit ourselves to creating and communicating a Christian analysis of every discipline we study, believing that in doing so, we help our Christian students develop an aggressive faith; and we expose our non-Christian students to a wider array of thought than they would encounter in most secular universities.

You are not required to hold any position on scriptures or to agree with any application of them but are required to learn the information and skills necessary to meet the stated objectives. Professors seek to be open to and understanding of the views of all students while affirming their own position. Faith is, therefore, the central concept in our core curriculum model. All of the specific objectives listed in each category are built on this central concept.

THINK

You will demonstrate comprehension of basic Bible knowledge, the Christian worldview, and New Testament Christianity.

You will develop the cognitive ability to think critically and creatively, using appropriate methods of study, research, reasoning, and problem solving.

You will develop the integrative habit of mind that examines the intersections of the Christian worldview and personal faith with contemporary and historical views of the sciences, arts, and humanities.

You will obtain a basic knowledge of other cultures, including such areas as religion, politics, economics, history, geography, and languages that will lead to a substantive understanding of diverse cultures and faiths.

You will develop an understanding of the role of science, technology, mathematics, arts, and humanities in the development of Western culture and civilization by examining the history of individuals, movements, concepts, and principles that have revolutionized the way we think about our world.

COMMUNICATE

You will communicate ideas effectively to others, including those of cultures and faiths different from your own, and receive ideas efficiently from others.

You will manage information effectively, using the tools of the information age.

ACT

You will exhibit a personal faith – informed by scripture – that glorifies God, Christ, and the Holy Spirit; provides a hope of heaven; and serves as a foundation for a life of leadership and service.

You will become a better citizen by improving your understanding of American history and the political and economic issues faced by American society.

You will develop the life skills for personal behavior management, social interaction, and family management that will enhance your life.

The core curriculum program consists of 60 semester hours of work required of all who graduate.

These requirements were determined by the mission and purposes of the institution and the faculty's judgment regarding the common needs of all students.

To achieve these objectives, the faculty has established the following core curriculum requirements:

Basic Skills (14 hours)

1. SDEV-1101 Freshman Seminar (not required of those transferring with 32 hours or more)
2. ENGL-1123 Communication I: Written Communication
3. COMM-1213 Communication II: Oral Communication
4. ENGL-2113 Communication III: Research and Presentation

5. PHED-2511 Physical Fitness and Wellness
6. Math course, choose one from:
 - A. MATH-1143 Elements of Mathematics I
 - B. Any other higher-level mathematics class (e.g., MATH-1413 – Finite Mathematics; MATH-1213 – College Algebra)

Core Bible (16 hours)

1. Choose 16 hours from the following textual Bible courses

Freshman year	
BIBL-1212	Life of Christ: Matthew
BIBL-1312	Life of the Early Church, Acts
Sophomore year	
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament
Junior or senior year	
BIBL-4222	Senior Bible Seminar
2. Choose 6 additional hours from the following

BIBL-3002	Genesis and Exodus
BIBL-3102	I Corinthians
BIBL-3512	Prison Epistles
BIBL-3712	Hebrews
BIBL-4312	The Prophet Isaiah
BIBL-4412	Great Christian Doctrine

Juniors and seniors may substitute up to two of the following non-textual courses to meet the core curriculum requirement.

- | | |
|-----------|-----------------------------------|
| BIBL-2312 | Evidences of Christianity |
| BIBL-2512 | Personal Evangelism |
| BIBL-3413 | Christian Family |
| BIBL-3423 | Archaeology and the New Testament |
| BIBL-3433 | Archaeology and the Old Testament |
| BIBL-4622 | The Book of Psalms |
| MISS-3033 | Biblical Missions Methods |
| RLED-3222 | Religious Education of Children |

Transfer students must take the following number of hours in Bible at OC:

Transfer hours	Required OC Bible hours
1 to 12	16*
13 to 31	14*
32 to 47	12*
48 to 63	10*
64 to 79	8*
80 or more	6*

*or reach the total of 16 hours, including transfer hours. The number of Bible hours required for transfer students is determined at the time of your initial enrollment at OC. Subsequent transfer hours do not affect the number of hours required.

Freshmen and sophomores must take one textual Bible course in each semester they are full-time students. These courses may not be dropped.

Basic Perspectives (27 hours)

1. American Citizenship, 6 hours

POLS-1213	American Political Economy
HIST-1223	Turning Points in U.S. History

2. Behavioral Science, 3 hours
 PSYC-1113 General Psychology I
 or
 SOCI-1113 Perspectives in Sociology
3. Literature and Fine Arts, 6 hours
 ENGL-2213 Perspectives in Literature
 and
 FINE-2913 Perspectives in Fine Arts
 or
 ARTS-2423 History of Photography and Motion Pictures
4. Science, 6 hours Choose from:
 Biological Science
 Option I – Take BIOL-2013 – General Biology I and BIOL-2023
 General Biology II.
 Option II – Take a minimum of 6 hours of biological science courses, excluding remedial courses, and include at least one course with a laboratory component. Prerequisites must be met.
 or
 Physical Science
 Option I – Take GNSC-2313 – Physical Science I, The Earth and GNSC-2323 – Physical Science II, Astronomy
 Option II – Take at least 6 hours of any combination of courses from the areas of chemistry, physics, and general science, excluding remedial courses and GNSC-1711, GNSC-2711, GNSC-3711, and GNSC-4712. Include at least one course with a laboratory component. Prerequisites must be met.
5. Global Civilization, 6 hours
 You must complete three credit hours each in Western civilization and in a non-Western civilization course. You may complete this requirement in several different ways.

No more than three credit hours toward this requirement may be earned through approved International Experience. All International Experience credits are subject to approval by the Director of International Programs.

GLOBAL CIVILIZATION

	Western Civilization	Non-Western Civilization
International Studies	European Studies Program	Pacific Rim Program
International Experience	Approved International Experience in Europe with assignments in civilization and cross-cultural communication	Approved International Experience in Asia or Africa with assignments in civilization and cross-cultural communication
Course Work	Perspectives in Western Civilization	World Religions, World Political Geography, New Religious Movements, Introduction to Asian Civilization, The Modern Middle East, Perspectives in World Music

Integration Requirements (3 hours)

1. PHIL-4113 Senior Philosophy Seminar

Incoming Students Transferring Classes to OC

Courses taken at regionally-accredited colleges and universities will be accepted for credit at OC. These may or may not fulfill specific requirements depending on the courses taken.

Prior to taking a course at another university to fulfill a requirement, you must fill out a transfer approval form. A core curriculum course must be approved by the Registrar. A course within the major must be approved by the dean or department chair, then the Registrar. A course may not be taken at another college or university to replace a grade for any course that has been taken at OC.

Students with Associate or Baccalaureate Degrees from Another Institution

If you transfer to OC with an associate degree designed to provide the core curriculum background for a baccalaureate degree, OC will consider the hours taken before coming to OC when determining your core curriculum requirements. The associate degree program must include at least 30 hours in courses typically required for the core curriculum, with at least one course in the following seven categories: Communication, Math, American Citizenship, Behavioral Science, Literature/Fine Arts, Science, and Global Civilization.

If you have fulfilled at least five of these categories prior to coming to OC, you will be able to complete courses on campus to fulfill up to two deficient areas in the seven categories. You also will be required to complete the following courses at OC: 6-8 hours of Bible, to include BIBL-4222 – Senior Bible Seminar; and PHIL-4113 – Senior Philosophy Seminar. Those completing a second baccalaureate degree at OC will be covered by the same policy. You may transfer all approved courses from an accredited junior college. A maximum of 65 hours from a junior college will apply toward a degree.

Note: You must satisfy the specific course provisions for the B.S.E. and other programs requiring specific courses for the core curriculum.

Computer Literacy: OC is a wireless laptop campus. All full-time undergraduate students are issued an Apple MacBook computer upon enrollment.

The university's core curriculum program incorporates opportunities for you to become familiar with basic computer applications. These experiences should serve as a foundation for you to use computers in your own personal and professional areas of interest. If you desire an in-depth knowledge of computers you may elect specific courses in computer science or information systems.

REQUIREMENTS FOR ALL BACCALAUREATE DEGREES

After consulting with an academic advisor, it is ultimately your responsibility to choose and implement your academic program and to see that all specific requirements for that program and all core curriculum requirements for graduation from the university have been met in an acceptable and timely manner. Requirements are as follows:

1. You must have satisfied all entrance requirements.
2. You must complete at least 126 semester hours.
3. For first time transfer students to OC, you must complete a minimum of 30 semester hours in a major and a minimum of 18 hours in a minor. At least one-half, or 22 hours (whichever is smaller), of the work in the major or major/minor program must be completed at OC. In majors that contain a specialization, at least three-fourths of the work required for that specialization must be completed at OC.
4. You must complete the core curriculum requirements as listed in the catalog.
5. You must have at least 10 semester hours of courses numbered 3000 or above in your major field and a total of not less than 30 semester hours overall in such courses.
6. You must have a total GPA on all courses of not less than 2.0 and the same overall average on all work done in the major field.
7. You may not count toward graduation more than 15 semester hours with a grade of "D". If you have more than 15 hours of "D" grades in courses required for graduation, you must retake the specific course or courses to replace those "D" grades.
8. You must complete at least 30 semester hours at OC (at least 15 of which must be in the senior year), be a full-time student for at least one semester, and be in attendance during the semester of graduation.
9. You normally will follow the requirements of the catalog in effect at the time of admission to the university. No catalog will be binding for more than seven years. Therefore, at the point of graduation, you must meet the requirements of a catalog that has been in effect no more than seven years. Any exceptions must be approved by the dean of the student's college and the Registrar.

Second Baccalaureate Degrees and Double Majors

For a second baccalaureate degree or a double major, you must first receive written approval from the Dean(s) of the respective college(s), and then you must complete the requirements for the specific major with a minimum of 18 additional hours unique to the second degree or major, beyond the first degree or major. A minimum of 144 total semester hours will need to be completed by the end of the second degree or major. Students not receiving their first bachelor's degree from Oklahoma Christian University will need to also complete 6 hours of Bible, to include BIBL 4222 – Senior Bible Seminar and PHIL 4113 – Senior Philosophy.

If the second baccalaureate degree or second major would normally require a minor, each degree or major shall count as the minor for the other degree or major.

Post-Enrollment Transfer Credit

Students who are enrolled at OC may receive credit for courses taken at another institution, subject to the following restriction:

- Obtain written approval on a Transfer Request Form before registering for the courses at another institution.
 - o Approval for courses within the major must come from the Department Chair for that major.
 - o Approval for general education courses must come from the Registrar.
 - o Students may not take more than 15 hours of transfer credit.

Limitation of Transfer Credit

- Once a student begins at OC he or she may not transfer in more than 15 hours of credit to count toward graduation, of which

no more than 6 upper division hours of his or her major can be transferred back to OC. Transfer credit in the major must be approved by the student's major department, as explained above.

- Specific departments may have additional transfer restrictions.
- Only credit from a regionally accredited college or university will be accepted as transfer credit.
- Technical or vocational credits are not eligible for transfer and may not, therefore, be used to satisfy degree requirements.
- Current OC students must have transfer credit approved prior to enrolling in a class away from the OC campus. A Transfer Request Form is available online and in the Registrar's Office.
- A course may not be taken at another college or university to replace a grade for any course that has been taken at OC except in extraordinary circumstances.

REQUIREMENTS FOR GRADUATION

You must have completed all of your graduation requirements prior to participating in commencement. Commencement will be held on December 16, 2011 and April 28, 2012.

Bachelor of Arts Degree

To receive a Bachelor of Arts degree from OC, you must complete the following:

1. Meet the core curriculum requirements for all bachelor's degrees.
2. Meet the requirements for a major in one of the departments offering the Bachelor of Arts degree: Bible, communication, english, history, history/pre-law, interdisciplinary studies, music, missions, psychology, religious education, spanish, TEFL, or youth ministry.
3. In addition to the other core curriculum requirements, complete two courses (minimum total of six hours) in the same foreign language. See **page 29** for retroactive credit for foreign language.

Bachelor of Business Administration Degree

To receive a Bachelor of Business Administration degree from OC, you must complete the following:

1. Meet the core curriculum requirements for all bachelor's degrees.
2. Meet the requirements for one of the majors in the School of Business Administration.

Bachelor of Fine Arts Degree

To receive a Bachelor of Fine Arts degree from OC, you must complete the following:

1. Meet the core curriculum requirements for all bachelor's degrees.
2. Meet the requirements for a major in advertising design, new media, interior design or art.

Bachelor of Music Education Degree

To receive a Bachelor of Music Education degree from OC, you must complete the following:

1. Meet the core curriculum for all bachelor's degrees.
2. Meet the music department's requirements in music, music technique, music education, and applied music.
3. Meet the requirements for teacher certification.

Bachelor of Science Degree

To receive a Bachelor of Science degree from OC, you must complete the following:

1. Meet the core curriculums for all bachelor's degrees.
2. Meet the requirements for a major in one of the departments

offering the Bachelor of Science degree: Bible, biochemistry, biology, chemistry, computer science, family studies, forensics, history/pre-law, information systems, interdisciplinary studies, mass communication, mathematics, mathematics/computer science, medical technology, organizational communication, physical education, or psychology.

Bachelor of Science in Computer Engineering Degree

To receive a Bachelor of Science in Computer Engineering degree from OC, you must complete the following:

1. Meet the core curriculum requirements for all bachelor's degrees.
2. Meet the requirements for the major in computer engineering.

Bachelor of Science in Education Degree

To receive a Bachelor of Science in Education degree from OC, you must complete the following:

1. Meet the core curriculum for all bachelor's degrees.
2. Meet the requirements for teacher education in either elementary education, early childhood, or some field of secondary education.

Bachelor of Science in Electrical Engineering Degree

To receive a Bachelor of Science in Electrical Engineering degree from OC, you must complete the following:

1. Meet the core curriculum requirements for all bachelor's degrees.
2. Meet the requirements for the major in electrical engineering.

Bachelor of Science in Mechanical Engineering Degree

To receive a Bachelor of Science in Mechanical Engineering degree from OC, you must complete the following:

1. Meet the core curriculum requirements for all bachelor's degrees.
2. Meet the requirements for the major in mechanical engineering.

Bachelor of Science In Nursing

To receive a Bachelor of Science in Nursing degree from OC, you must complete the following:

1. Meet the core curriculum requirements for all bachelor's degrees.
2. Meet the requirements for the major in nursing.

SPECIAL ASSISTANCE

Students with Disabilities – Refer to **page 25** for more information.

BRIDGE PROGRAM

- Students with composite ACT scores of 19-36 are admitted under regular admission.
- Students with composite ACT scores of 18 and below are admitted through the Bridge Program.
- The aims of the Bridge Program are to alert you to the academic issues that may impede your progress toward completion of a degree and to provide the academic support resources necessary to help you succeed. The Bridge Program Director will mentor you in an effort to prepare you for success in university-level work and will oversee required study sessions, which are an integral part of the Bridge Program.

The Bridge Program is described as follows:

If you are admitted through the Bridge Program, you may start in either the fall or spring semester. You will take the following courses in that semester:

- Personal and Professional Strategies for Success 2 credit hours
- Developmental Writing or Comm I 3 credit hours
(Based on ACT English subscore.)
- Intermediate Algebra or College Algebra 3 credit hours
(Based on ACT Math subscore.)
- Fitness and Wellness 1 credit hour
- The Life of Christ: Matthew 2 credit hours
- Freshman Seminar 1 credit hour
- Total 12 credit hours

Students have the option of adding one additional course with Director approval. Students will continue to have meetings with the director and receive academic support services through successful completion of 64 credit hours.

Student Development Courses

Students with low ACT scores will be placed in special courses to help them begin where they need to start in writing and math. These courses are described below.

Writing

OC is committed to helping you meet the fundamental objective of effective written communication. The university requires students with an English ACT of 18 or lower to enroll in SDEV-0123 – Developmental Writing before enrolling in ENGL-1123 – Communication I: Written Communication. Developmental Writing allows you to master basic grammar skills and gain confidence needed to succeed in the core curriculum's communication sequence and other university-level courses. Students enrolled in SDEV-0123 must achieve a grade of "P" (Passing) before enrolling in ENGL-1123.

Mathematics

OC requires that you have proficiency in and understanding of mathematics. You must complete a mathematics requirement. The required course varies according to the specialized needs of the major curriculum.

- Students in business and sciences programs must have MATH-1213 – College Algebra
- Most others must complete MATH-1143 – Elements of Mathematics I or MATH-1153 – Elements of Mathematics II

To assist students who are not adequately prepared for the required mathematics course, OC offers a developmental math course. Intermediate Algebra (SDEV-0103) is required for those with a Math ACT subscore of 22 or lower as preparation for one of the mathematics courses that satisfy the university's core curriculum requirements. This course reviews high school algebra, including polynomials, equation solving, and graphing. This course is graded with a grade of "P" (Passing) or a grade of "NP" (Not Passing). This course does not satisfy the core curriculum mathematics requirement.

THE LANGUAGE AND CULTURE INSTITUTE

The Language and Culture Institute at Oklahoma Christian University was established to provide English courses for international undergraduate, and graduate students. A key role LCI plays at Oklahoma Christian University is to facilitate students of English as a Second Language (ESL) to develop the kind of English proficiency that will lead to success in all their academic endeavors. To meet these goals, LCI students practice academic tasks such as writing research papers, giving oral presentations, and participating in group discussions and projects. By using an integrated

skills approach, students are able to not only study English but more importantly, use English; thus acquiring the necessary skills for a successful academic career. In addition to English instruction, LCI provides orientation, conversation partners, cultural experiences, social events, and recreational activities above and beyond its quality academic preparatory program.

Aligning with the overall mission of Oklahoma Christian, the Language and Culture Institute is transforming lives for Christian faith, leadership, and service. The Language and Culture Institute provides the highest quality instruction in English as a second language, and orientation in U.S. culture to international students who are nonnative speakers of English. At the Language and Culture Institute, we provide quality English language instruction with care and respect for our students' cultural heritage in a comfortable, fun, and safe learning environment. We inspire learning and the achievement of excellence in all of our students, staff, and faculty through innovative and well-informed methods of instruction. Ultimately, LCI assists in the pursuit of our students' personal, academic, and professional goals.

The Language and Culture Institute at Oklahoma Christian University offers courses in English as a Second Language at the low-intermediate, high-intermediate, and advanced levels. The curriculum prepares students for university credit courses. The curriculum consists of college preparatory reading and vocabulary, composition, grammar, speaking skills and research writing at three levels of instruction.

STUDY ABROAD PROGRAMS

The mission of OC's Office of International Programs is to deepen and broaden the intellectual, social, spiritual, and aesthetic awareness of student and faculty as they study, travel, and serve in other cultures. Eligible students will have completed a minimum of two semesters at OC with a 2.5 GPA. In order to meet the above mission, OC offers the following programs:

Semester Programs (13 weeks – 12-15 credit hours) **European Study Program (Fall)**

Students spend the fall semester in Europe with visits to England, Austria, Italy, and additional countries depending on the yearly itinerary. A full course of study is offered in core curriculum classes. Participants have the option of engaging in mission work during the semester.

Pacific Rim Study Program (Fall)

Also offered during the fall semester, this tour moves from point to point in the Pacific Rim: China, Japan, New Zealand, and Australia. A full schedule of core curriculum courses is offered and students will also attend lectures and classes in China, Japan, and Australia. During your stay in Japan, you will live with Japanese families. Extensive involvement in mission work also is offered.

Summer Programs

Summer European Study Program (6 weeks – 6-7 credit hours)

Modeled after the semester-long European program, this program provides you the opportunity to study and travel in Europe for six weeks during the summer. There also is an option to stay for an extended time for mission work.

HonduraServe Program (2 weeks - 3 credit hours)

In partnership with Predisan Medical Mission in Honduras. You will gain professional international experience working in medical clinics.

Canada Shakespeare Tour (10 days – 3 credit hours)

In this program, you will attend the Shakespeare Festival in Stratford, Ontario, earning credit in Communication III: Research and Presentation, Perspectives in Fine Arts, Perspectives in Literature, or an upper-division literature or theater course.

One-Year Exchange Programs

One-Year Study Program at Ibaraki Christian and Korea Christian Universities OC sends two students per year to take one or two semesters of work at these sister institutions. If accepted to one of these programs, students will receive a full tuition scholarship.

Internship in Turkey (3-6 credit hours)

Through a partnership with Let's Start Talking (LST) ministries, Oklahoma Christian is able to offer a 5-week program in Antalya, Turkey. Students participate in experiences that allow them to be more involved in the local culture. Field trips include Ephesus and Istanbul. Strong emphasis is placed on mission work.

COUNCIL OF CHRISTIAN COLLEGES AND UNIVERSITIES PROGRAMS

Through OC's affiliation with the Council of Christian Colleges and Universities (CCCU), you may apply to participate in a number of outstanding special study programs, described below. Up to four OC students per semester may apply to participate in CCCU programs. If more than four students express interest, the International Programs Committee will decide which students may apply for a CCCU program in a given semester. For more information, contact the office of Dr. Allison Garrett, Senior Vice President for Academic Affairs, or the Office of International Programs. Students who participate in a CCCU study abroad program should plan their returning semester's schedule prior to leaving the country, or should make plans to access the OC online schedule from abroad.

American Studies Program

Founded in 1976 under the direction of Dr. John A. Bernbaum, the program has challenged hundreds of students to integrate faith with the realities of the marketplace and public life through experiential learning in the nation's capital. A combination of class time and internships provides you with a total of 16 hours of academic credit for the semester.

Course topics cover national and world events from a variety of perspectives, integrating biblical reflection and policy analysis through classroom lectures, site briefings, small group discussions, and personal research. Briefings occur in places like the White House, Pentagon, State Department, congressional chambers, and national think-tank conference rooms.

Latin American Studies Program

Students interested in a total immersion experience would love the Latin American Studies Program (LASP), where they live with a Costa Rican family as they study language and culture. The program is designed for Christian students who are learning to integrate faith and values with knowledge and experience. It is for those who desire to find out for themselves what God asks of

them and what it means to act on what they learn in all areas of life. The goal of LASP is to prepare students to live the Christian life in a world that is multi-ethnic and multi-cultural. Understanding another culture requires the study of both its society and language, for neither exists independently. LASP is designed to integrate these two elements, giving you the best possible opportunity to deepen your own cross-cultural understanding.

Middle East Studies Program

The Middle East Studies Program (MESP) seeks to prepare you to live the Christian life in a world that is religiously and culturally pluralistic, in the Middle East, North America, or other parts of the world.

Studying in the Middle East gives you the opportunity to leave your familiar North American campus, explore firsthand today's troubled world, and with this experience, to understand more fully your place and role in it. The rigorous academic program seeks to go beyond theoretical learning to a deeper, moral type of learning. Intense encounters with different worldviews and truth-claims help to facilitate this while the MESP community fosters a supportive environment.

China Studies Program

China is going through monumental changes that encompass all aspects of life: economic, social, religious, and political. This is a historic time as the country becomes increasingly open to exchanges of students and scholars and other interactions with the West. With this new openness, comes an unprecedented opportunity to gain knowledge and understanding of China's people, culture, and language. Now is the time to experience China.

The China Studies Program (CSP), an interdisciplinary semester program, enables you to view China from the inside, to experience its culture and its diversities. Participants are able to observe the evolution of "socialism with Chinese characteristics" and China's struggles with rapid modernization and social change. In addition, CSP students confront the misunderstandings that have existed between China and the West from each side of that divide. This happens through formal classes and study tours, but especially by meeting and interacting informally with Chinese undergraduates on campus.

Honors Program – Oxford

Honors students and other highly-qualified students have the exciting opportunity to study in England through this interdisciplinary semester in Oxford. The rigorous academic program, aimed at increasing critical thinking skills and scholarship from an integrated Christian perspective, allows participants to choose from a wide variety of tutorial study programs in numerous disciplines, including the arts, religion, history, literature, and philosophy. In addition to two tutorials, you participate in a seminar and an integrative course through which you produce a scholarly project or term paper. Field trips provide opportunities for experiential learning in England's rich historical setting. Students earn 16 semester hours of credit.

The overall aim of the program is to provide each student with rigorous training in particular disciplines within the context of a broad and well-balanced academic, cultural, and social life. Certain qualities are necessary if you are to obtain maximum benefit from an education here: an inquiring mind, a critical approach to facts, and, above all, a capacity for creative as well as analytical thought.

In considering the individual applicant, the greatest importance is attached to the recommendations from faculty members who have personal knowledge of your work.

Los Angeles Film Studies Center

Students who choose to attend the Los Angeles Film Studies Center (LAFSC) are exposed to a true "behind-the-scenes" look at the work and workings of Hollywood, yet at the same time are a part of a Christian-based educational program committed to understanding what it means to be "salt and light" in this unique and powerful industry. The entire experience of classes, internships, and Christian fellowship provides you with an opportunity to test your interest in pursuing a career in the mainstream entertainment industry.

The mission of the LAFSC is to prepare you academically for placement in the mainstream Hollywood film industry, preferably in decision-making positions, with a Christ-centered vision to dynamically influence film content, the production process, and interpersonal relationships. In addition, the mission includes the development of advocates to advance an informed and discerning approach to understanding the media, as well as an appreciation for, and support of, the work of your peers in Hollywood.

Russian Studies Program

It is a historic time to spend a semester living in the Republic of Russia, and the Russian Studies Program (RSP) makes this possible. The RSP gives you the opportunity to be on the edge of discovery as political and economic events have a daily impact on the Russia of tomorrow and its relationship with the West. You can witness how the Holy Spirit is building the Church and strengthening ties between North American and Russian Christians.

Oxford Summer Program

The Oxford Summer Program is a program of the CCCU and Wycliffe Hall, Oxford. The program is designed for students wishing to gain a more comprehensive understanding of the relationship between Christianity and the development of the West and who wish to do specialized work under expert Oxford academics in the areas of history, religious studies, English, and history of science.

Summer Institute of Journalism

The Summer Institute of Journalism serves to introduce journalism students to the print media in the nation's capital and helps equip them for future work in the profession. You travel to Washington, D.C., for a month-long program (mid-May to mid-June) focused on practical daily instruction in the craft of writing news coupled with "real-world" news gathering and news writing assignments. Journalists representing various national media outlets – including the Washington Post, PBS Religion & Ethics News Weekly, USA Today, and many others – contribute extensively to the program.



ACADEMIC PROGRAMS OVERVIEW



ACADEMIC PROGRAMS OVERVIEW

HONORS PROGRAM	40	English/Teaching English as a Foreign Language (B.A.)	
COLLEGE OF BIBLICAL STUDIES	41	English/Writing (B.A.)	
Bible (B.A.)		Spanish (B.A.)	
Bible and Ministry (B.A.)		Department of Music	64
Missions (B.A.)		Music (B.A.)	
Pulpit Ministry (B.A.)		Music Education (B.M.E.)	
Religious Education (B.A.)		Department of Nursing	
Youth Ministry (B.A.)		Nursing (B.S.N.)	
Vocational Ministry (second major only)		Department of Psychology and Family Studies	67
Graduate Programs (see Graduate Catalog)	46	Family Studies (B.S.)	
Master of Divinity (M.Div.)		Family Studies/Child Development (B.S.)	
Master of Arts (M.A.)		Psychology (B.A., B.S.)	
COLLEGE OF ARTS AND SCIENCES	47	COLLEGE OF PROFESSIONAL STUDIES	72
Department of Art and Design	49	School of Business Administration	74
Art (B.F.A.)		Accounting (B.B.A.)	
Gaming and Animation (B.F.A.)		General Business (B.B.A.)	
Communication Design (B.F.A.)		Finance (B.B.A.)	
Gaming, Animation, and Technology Design		International Business (B.B.A.)	
Illustration		Management (B.B.A.)	
Marketing/Management		Marketing/Management (B.B.A.)	
Photography + Video		Graduate Programs (see Graduate Catalog)	76
Interior Design (B.F.A.)		Master of Business Administration (M.B.A.)	
Photography + Video (B.A.)		School of Education	76
Department of Biology	52	Early Childhood Education (B.S.E.)	
Biochemistry (B.S.)		Elementary Education (B.S.E.)	
Biology (B.S.)		Secondary Education (B.S.E.)	
Medical Technology (B.S.)		Sport, Wellness, and Recreation Management (B.S.)	
Science Education (B.S.E.)		School of Engineering	79
Department of Chemistry and Physics	54	Department of Mathematical, Computer, and Information Sciences	79
Biochemistry (B.S.)		Computer Science (B.S.)	
Chemistry (B.S.)		Information Systems (B.S.)	
Forensic Science (B.S.)		Mathematics (B.S.)	
Science Education (B.S.E.)		Mathematics (B.S.E.)	
Department of Communication	56	Mathematics/Computer Science (B.S.)	
Communication Studies (B.A.)		Department of Electrical and Computer Engineering	82
General		Computer Engineering (B.S.C.E.)	
Pre-Law		Electrical Engineering (B.S.E.E.)	
Mass Communication (B.S.)		Department of Mechanical Engineering	83
Media Management		Mechanical Engineering (B.S.M.E.)	
Creative Media		Graduate Programs (see Graduate Catalog)	82
Interactive Media		Master of Science in Engineering (M.S.E.)	
Public Relations			
Journalism (B.S.)			
Organizational Communication (B.S.)			
Theater Performance (B.S.)			
Department of History and Political Science	59		
History (B.A.)			
History/Pre-Law (B.A., B.S.)			
Political Science (B.S.)			
Social Studies (B.S.E.)			
Interdisciplinary Studies	61		
Interdisciplinary Studies (B.A.)			
Interdisciplinary Studies (B.S.)			
Department of Language and Literature	62		
English (B.A.)			
Pre-Certification Emphasis			
Pre-Law			

Departmental abbreviations

ACCT—Accounting; ARTS—Art; BUSA—Business Administration; BIOL—Biology; BIBL—Bible; CENG—Computer Engineering; CHDV—Child Development; CHEM—Chemistry; COMM—Communication; CMSC—Computer Science; ECED—Early Childhood Education; ECON—Economics; EDUC—Education; ELEM—Elementary Education; ELEC—Electrical Engineering; ENGL—English; ENGR—Engineering Science; FINE—Fine Arts; FINC—Finance; FRNC—French; FMST—Family Studies; GERM—German; GREK—Greek; GNSC—General Science; GEOG—Geography; HBRW—Hebrew; HIST—History; HONR—Honors; INFO—Information Systems; INTL—International Studies; JAPN—Japanese; MATH—Mathematics; MECH—Mechanical Engineering; MGMT—Management; MISS—Missions; MKTG—Marketing; MEDT—Medical Technology; MUSC—Music; NURS—Nursing; PHED—Physical Education; PHYS—Physics; PHIL—Philosophy; POLS—Political Science; PSYC—Psychology; RLED—Religious Education; SDEV—Student Development; SPAN—Spanish; SOCI—Sociology; YTMN—Youth and Family Ministry.

THE HONORS PROGRAM

Oklahoma Christian recognizes that students arrive on campus with a wide range of academic skills and differing levels of intellectual curiosity.

To challenge students who are highly motivated to excel academically, the faculty developed the Honors Program, a unique curriculum by which students achieve the objectives of the general education core curriculum. The program's curriculum replaces most of the core curriculum.

Admission to the programs is based on high school GPA of 3.5 or higher, a minimum ACT of 28 or SAT of 1250, evidence of writing skills, and an interview.

Professors of honors courses encourage a high level of participation, require much independent research, and mentor students to write and speak effectively as they develop the ability to think analytically and critically.

Each course in the Honors Program is interdisciplinary and has been crafted to give you a broad understanding of intellectual and cultural developments and to encourage focused research on specific issues related to a Christian worldview. In addition to the specific courses, you participate in a symposium each week where you have the opportunity to expand your vision of life and your pursuit of intellectual excellence.

The advantages of the Honors Program include small classes, challenges to solve problems, and interaction with other serious and thoughtful students. Students interact readily with their professors in Honors courses. All the professors cooperate to help you understand your abilities and your potential. The program provides intellectual growth, close contact with equally motivated peers, significant interaction with professors, and an enlarged view of the world.

Students in the Honors Program fill important roles of leadership throughout the campus in all kinds of organizations. They are often leaders within their majors as well.

The Honors House at Reba Davisson residence hall offers a men's wing and a women's wing for development of a living-learning community which enhances the curriculum with peer-mentoring by Honors staff and other programs.

The Honors curriculum substitutes for most of the university's core curriculum.

The Honors curriculum includes

HONR-1010	Symposium I
HONR-1020	Symposium II
HONR-1114	Western Thought and Expression I
HONR-1124	Western Thought and Expression II
HONR-1214	The Bible and Classical Literature
HONR-1224	The Bible, Science, and Human Values
HONR-2010	Symposium III
HONR-2020	Symposium IV
HONR-2113	The Quest for Meaning: Christ and the Good Life
HONR-2123	The Quest for Identity: Race, Class, and Gender in American Thought
HONR-3111	Symposium V
HONR-3121	Symposium VI
HONR-4111	Symposium VII
HONR-4121	Senior Honors Seminar

In addition to the Honors curriculum, students must take the following courses: 9 hours of Bible (including BIBL-2202, Story of the Old Testament, BIBL-2302, Story of the New Testament, 3 hours Bible elective, and BIBL-4222, Senior Bible Seminar), Communication I (majority have ACT or CLEP credit), Math (majority have ACT or CLEP credit), Science (with lab), and 3 hours of international experience or foreign language.

The curriculum is enriched by a carefully focused co-curriculum of museum visits, an annual visit to the Philharmonic, and other events. An annual retreat is conducted each January for first-year students.



COLLEGE OF BIBLICAL STUDIES DEGREE REQUIREMENTS

The Bible and Bible-related subjects occupy the central place in the university curriculum. A complete education includes a study of spiritual matters. Because the Bible is the only book in which God reveals Himself to us, it is the book which sets forth in supreme fashion how people are to live in relation to Him and to others.

Through the College of Biblical Studies and various spiritual activities, the university seeks to develop in individuals a desire for truth and to guide them in the path that leads to a discovery of truth. The university faculty seeks to develop in students a strong commitment to Jesus Christ and through such commitment to prepare them for service in the home, church, and community.

Courses present the Bible as the inspired word of God. Related courses deal with introductory and background materials in order that the message of the Bible may be better understood. Biblical Greek and Hebrew are taught so that those who so desire may study the Bible in the languages in which it was first written. Courses dealing with the practical side of Christianity are offered so the student may translate theory.



AREAS OF STUDY

Bible (BIBL)
Greek (GREK)
Hebrew (HBRW)
Missions (MISS)
Religious Education (RLED)
Youth and Family Ministry (YTMN)

DEGREES OFFERED

B.A. Degree in Bible
B.A. Degree in Bible and Ministry
B.A. Degree in Missions
B.A. Degree in Preaching Ministry
B.A. Degree in Religious Education
B.A. Degree in Youth Ministry

M.A. Degree in Ministry
M.A. Degree in Ministry (Family Life)
M.A. Degree in Ministry (Youth and Family)
M.Div. Master of Divinity Degree
(see graduate catalog)

VOCATIONAL MINISTRY

(Chosen as a second major only)

MINORS

Bible
Biblical Languages
Church History
Missions
Non-textual Bible
Religious Education
Youth Ministry

FACULTY

Alan Martin, A.A., B.A., M.A., Ph.D.,
Dean of the College of Biblical Studies, Associate Professor of
Bible and Family Ministry
Jim Baird, B.A., M.Div., D.Phil.
Professor of Bible and Philosophy
Robert Carpenter, B.A., M.A., M.A., Ph.D.,
Professor of Ministry and Missions
Dudley Chancey, A.A., B.S., M.S., Ph.D.,
Associate Professor of Youth Ministry
Loren Gieger, B.A., M.Div., Ph.D.,
Professor of New Testament
John Harrison, B.A., M.A., Ph.D.,
Professor of New Testament and Ministry
Chip Kooi, B.A., M.A., Ph.D., Professor of Theology
Lynn McMillon, B.A., M.A., M.Th., Ph.D., Dean Emeritas
Distinguished Professor of Bible
Stafford North, B.A., M.A., Ph.D.,
Distinguished Professor of Bible
Charles Rix, B.B.A., M.A., Ph.D.,
Assistant Professor of Bible
Grant Testut, B.A., M.Ph., Ph.D.,
Assistant Professor of Bible
Richard Wright, B.Mus., A.B., M.A., M.T.S., Ph.D.,
Chair of the Graduate Bible Program, Associate Professor of
Bible

LOCATION

Classrooms and Faculty Offices,
Williams Branch Center for Biblical Studies
Dean's Office
Williams Branch Center for Biblical Studies, Office 1

DEGREE REQUIREMENTS

The following courses are designated as core curriculum Bible courses that may be chosen by all students. It is recommended that Bible majors concentrate on upper-level courses that are designed specifically for Bible majors. A student must take 16 hours of Bible to meet the core curriculum requirements.

Freshmen and sophomores must take one textual Bible course in each semester they are full-time students; these courses may not be dropped.

Freshman year

BIBL-1212	Life of Christ: Matthew
BIBL-1312	Life of the Early Church: Acts

Sophomore year

BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

Juniors and seniors will take Senior Bible Seminar, Christ and His Church (BIBL-4222) and 6 hours chosen from the following:

Note: If, in the remaining 6 hours, only one three-hour course and one two-hour course are taken, a one-hour shortfall in the core curriculum requirement will result. The student must take 16 hours of Bible to meet the core curriculum requirement.

BIBL-2312	Evidences of Christianity
BIBL-2512	Personal Evangelism
BIBL-3002	Genesis and Exodus
BIBL-3102	I Corinthians
BIBL-3153	Introduction to Church Growth
BIBL-3203	Biblical Exegesis
BIBL-3413	Christian Family
BIBL-3423	Archaeology and the New Testament
BIBL-3433	Archaeology and the Old Testament
BIBL-3512	Prison Epistles
BIBL-3712	Hebrews
BIBL-4312	The Prophet Isaiah
BIBL-4412	Great Christian Doctrine
BIBL-4622	The Book of Psalms
MISS-3033	Biblical Missions Methods
MISS-3313	Cross-Cultural Ministry
RLED-3222	Religious Education of Children

Note: Bible courses taken for the following majors will also satisfy the hours required in Bible for the core curriculum.

B.A. Degree in Bible

47 hours, plus 6 additional hours in biblical languages required, minor required

This is a basic program for those preparing for religious service.

An OC graduate with a Bachelor of Arts degree in Bible will:

1. Demonstrate above average knowledge of the Bible, its chronology and themes.
2. Demonstrate the ability to exegete, organize and present biblical subjects in a contemporary relevant manner.
3. Demonstrate an above average knowledge of and ability in essential ministry skills such as teaching, counseling, evangelizing and relating to people.

4. Demonstrate knowledge of the world beyond the church and an ability to relate to it in a meaningful manner.

Degree requirements

1. 20 hours core courses

BIBL-2512	Personal Evangelism
BIBL-2713	Introduction to Ministry
BIBL-3013	Hermeneutics
BIBL-3203	Biblical Exegesis
BIBL-3823	Counseling for Ministers
BIBL-3913	Preparation and Delivery of Religious Speeches
BIBL-4753	Seminar in Christian Ministry

2. 9 hours minimum Old Testament textual courses

3. 12 hours minimum New Testament textual courses

4. 6 hours non-textual Bible courses

- A. 3 hours required non-textual Bible
BIBL-4713 Restoration Movement
- B. 3 hours other non-textual Bible courses

A student must take 6 hours of Greek or 6 hours of Hebrew in addition to the above requirements for the B.A. in Bible.

GREK-1113	Elementary Greek I
GREK-1213	Elementary Greek II
	or
HBRW-3113	Elementary Hebrew I
HBRW-3213	Elementary Hebrew II (May also count as Old Testament textual)

B.A. Degree in Bible and Ministry

67 hours, plus 12 additional hours in biblical languages required, no minor required

This program is designed especially for students wishing to be pulpit ministers. The degree prepares students for the work of a local minister and lays a foundation for graduate studies. It is also the recommended degree for those who have not yet defined a specific area of ministry.

An OC graduate with a Bachelor of Arts degree Bible and Ministry will:

1. Demonstrate above average knowledge of the Bible, its chronology, and themes.
2. Demonstrate the ability to exegete, organize, and present biblical subjects in a contemporary, relevant manner.
3. Demonstrate an above average knowledge of and ability in essential ministry skills such as teaching, counseling, evangelizing, and relating to people.
4. Demonstrate knowledge of the world beyond the church and an ability to relate to it in a meaningful manner.

Degree requirements

1. 25 hours foundation courses

BIBL-2512	Personal Evangelism
BIBL-2713	Introduction to Ministry
BIBL-3013	Hermeneutics
BIBL-3203	Biblical Exegesis
BIBL-3823	Counseling for Ministers
BIBL-3913	Preparation and Delivery of Religious Speeches
BIBL-4753	Seminar in Christian Ministry
BIBL-4773	Advanced Homiletics
	and

- RLED-4213 Religious Education of Adolescents
or
RLED-4222 Religious Education of Adults
2. 27 hours textual Bible courses
 - A. 9 hours Old Testament textual courses
 - B. 12 hours New Testament textual courses
 - C. 6 hours elective textual courses
 3. 12 hours non-textual Bible courses
 - A. 3 hours required non-textual courses
- BIBL-4713 Restoration Movement
B. 9 hours other non-textual courses
4. 3 hours practicum course
BIBL-4803 Ministry Practicum
- A student must take 12 hours of Greek or 6 hours of Greek and 6 hours of Hebrew in addition to the above degree requirements for the B.A. in Bible and Ministry.
- GREK-1113 Elementary Greek I
GREK-1213 Elementary Greek II
GREK-2113 Intermediate Greek I
(May also count as New Testament textual)
- GREK-2213 Intermediate Greek II
(May also count as New Testament textual)
- HBRW-3113 Elementary Hebrew I
HBRW-3213 Elementary Hebrew II
(May also count as Old Testament textual)

B.A. Degree in Missions
61 hours, plus 6 additional hours in biblical languages required, no minor required

The B.A. in Missions, like all other Bible-related degree programs at OC, provides an acquaintance with the biblical text and the necessary auxiliary studies to allow special preparation for mission work.

An OC graduate with a Bachelor of Arts degree in Missions will:

1. Learn how to communicate biblical truths effectively to people from cultural backgrounds different from their own.
2. Become more aware of and sensitive to cultural differences than they were when they arrived on campus so that they can serve people from different cultural backgrounds effectively with a reduced likelihood of offending those people.
3. Experience how New Testament Christianity functions in different cultural contexts through campaigns, missions internships, and, in some cases, overseas studies opportunities.
4. Be sufficiently grounded in the Scriptures to be able to teach the word of God competently and faithfully regardless of the cultural context.
5. Gain sufficient competence in a modern language other than English so as to be able to communicate at least at a basic level with a native speaker of that language.
6. Learn the importance of the church in God's plan of salvation for people of every nation, every tongue, and every tribe.
7. Learn the importance of growing spiritually and receive instruction in how to go about pursuing spiritual growth throughout their lives.

Degree requirements

1. 17 hours core courses
 - BIBL-2512 Personal Evangelism
 - BIBL-2713 Introduction to Ministry

- BIBL-3013 Hermeneutics
BIBL-3203 Biblical Exegesis
BIBL-3823 Counseling for Ministers
BIBL-4753 Seminar in Christian Ministry
2. 3 hours chosen from
 - RLED-3222 Religious Education of Children
 - RLED-4213 Religious Education of Adolescents
 - RLED-4222 Religious Education of Adults
 - BIBL-3913 Preparation and Delivery of Religious Speeches
 3. 3 hours chosen from
 - BIBL-3173 Church History to 1517
 - BIBL-3183 Church History 1517 to Present
 - BIBL-4713 Restoration Movement
 4. 13 hours required missions courses
 - MISS-3013 Mission Preparation
 - MISS-3213 Church Growth
 - MISS-3613 Cultural Anthropology
 - MISS-4714 Missions Practicum
 5. 6 hours elective missions courses
 6. 19 hours textual Bible courses
 - A. 5 hours Old Testament textual courses
 - B. 5 hours New Testament textual courses
 - C. 9 additional hours textual Bible courses

A student must take 6 hours of Greek or 6 hours of Hebrew in addition to the above requirements for the B.A. in Missions.

- GREK-1113 Elementary Greek I
GREK-1213 Elementary Greek II
or
HBRW-3113 Elementary Hebrew I
HBRW-3213 Elementary Hebrew II (May also count as Old Testament textual)

Note: In addition to the 6 hours of Greek, Missions majors will be required to fulfill the Bachelor of Arts language requirement with 6 hours of a modern foreign language.

B.A. Degree in Preaching Ministry
72 hours, plus 6 additional hours in biblical languages required, no minor required

An OC graduate with a Bachelor of Arts Degree with the preaching major will:

1. Demonstrate above average knowledge of the Bible, its chronology and themes.
2. Demonstrate the ability to exegete, organize and present biblical subjects in a contemporary, relevant manner.
3. Demonstrate an above average knowledge of and ability in essential ministry skills, particularly in preparing and delivering sermons.
4. Demonstrate skill in the non-preaching duties of a minister and an understanding of the culture of the church today.
5. Demonstrate knowledge of the world beyond the church and an ability to relate to it in a meaningful manner.

Degree Requirements

1. 27-28 hours foundation courses
 - BIBL-2203 Biblical Exegesis
 - BIBL-2512 Personal Evangelism
 - BIBL-2713 Introduction to Ministry

- BIBL-3013 Hermeneutics
- BIBL-3823 Counseling for Ministers
- BIBL-3913 Preparation and Deliver of Religious Speeches
- BIBL-4753 Seminar in Christian Ministry
- BIBL-4773 Advanced Homiletics
- RLED-3113 Teaching the Bible
- or
- RLED-4222 Teaching of Adults
- 2. 23 hours textual Bible courses
 - A. 8 hours Old Testament textual courses
 - B. 9 hours New Testament textual courses
 - C. 3 hours elective Old or New Testament textual courses
 - D. 3 hours required
- BIBL-4783 Preaching from a Bible Book
- 3. 21 hours non-textual Bible courses
 - A. 10 hours required
 - BIBL-4713 Restoration Movement
 - BIBL-4222 Senior Bible Seminar
 - BIBL-4232 Life and Work of the Minister
 - MISS-3513 World Religions
 - B. 11 hours chosen from
 - BIBL-2312 Evidences of Christianity
 - BIBL-3113 New Testament Church
 - BIBL-3153 Introduction to Church Growth
 - BIBL-3173 Church History to 1517
 - or
 - BIBL-3183 Church History from 1517 to Present
 - BIBL-3413 Christian Family
- 4. 3 hours practicum
 - BIBL-4803 Ministry Practicum

A student must take 6 hours of Greek or 6 hours of Hebrew in addition to the above requirements for the B.A. in Pulpit Ministry.

- GREK-1113 Elementary Greek I
- GREK-1213 Elementary Greek II
- or
- HBRW-3113 Elementary Hebrew I
- HBRW-3213 Elementary Hebrew II (May also count as Old Testament textual)

B.A. Degree in Religious Education 67-71 hours, plus 6 additional hours in biblical languages required, no minor required

This major is for those wishing to work primarily in the educational program of the church. It combines study of the biblical text with practical application courses. This degree allows a student to select a concentration area from adult education, campus ministry, or children's ministry.

An OC graduate with a Bachelor of Arts degree in Religious Education:

1. Is committed to being a servant leader in family, community, and church.
2. Is devoted to Christ and seeks to emulate Him both in life and as a teacher of the Word.
3. Be able to teach the great themes of the Bible, effectively utilizing different elements of the Bible which contribute to that story.
4. Be able to use techniques of exegesis and hermeneutics to discover the meaning of scripture and from that can present practical and effective Bible lessons.

5. Be able to use proficiently the teaching techniques of lesson planning, organization, illustration, stories, and multi-media in teaching the Bible.

Degree requirements

1. 50 hours chosen from
 - A. 23 hours core courses
 - BIBL-2512 Personal Evangelism
 - BIBL-2713 Introduction to Ministry
 - BIBL-3013 Hermeneutics
 - BIBL-3203 Biblical Exegesis
 - BIBL-3823 Counseling for Ministers
 - BIBL-3913 Preparation and Delivery of Religious Speeches
 - BIBL-4753 Seminar in Christian Ministry
 - RLED-3113 Teaching the Bible
 - B. 21 hours textual Bible
 1. 9 hours Old Testament
 2. 12 hours New Testament
 - C. 6 hours chosen from
 - BIBL-3413 Christian Family
 - FMST-2423 Parent-Child Relations (required for Children's Ministry concentration area)
 - PSYC-3523 Developmental Psychology
2. Choose one of the following concentration areas
 - A. Adult Education 21 hours
 1. 11 hours required
 - RLED-3213 Organization and Administration of the Bible School
 - RLED-4213 Religious Education of Adolescents
 - RLED-4222 Religious Education of Adults
 - RLED-4313 Volunteers, Parents, and Staff in Youth and Family Ministry
 2. 3 hours chosen from
 - PHED-4513 Recreational Activities for the Handicapped
 - EDUC-3003 American Sign Language I
 3. 3 hours chosen from
 - MISS-3113 Women in Missions
 - MISS-4113 Ministry to Women
 4. 4 hours practicum
 - RLED-4844 Practical Experience In Special Ministries
 - or
 - RLED-4812 Practical Experience in Special Ministries I and
 - RLED-4822 Practical Experience in Special Ministries II
 - B. Campus Ministry 17 hours
 1. 3 hours required
 - RLED-3423 Ministry to College and University Students
 2. 2 hours chosen from
 - RLED-4213 Religious Education of Adolescents
 - RLED-4222 Religious Education of Adults
 3. 8 hours chosen from
 - BIBL-2312 Evidences of Christianity
 - BIBL-3673 New Religious Movements
 - FMST-3523 Human Sexuality
 - MISS-3513 World Religions
 - PSYC-3523 Developmental Psychology
 - YTMN-3113 Evangelism, Discipleship, and Spiritual Foundation with Adolescents
 4. 4 hours practicum
 - RLED-4844 Practical Experience In Special Ministries

- or
- RLED-4812 Practical Experience in Special Ministries I and
- RLED-4822 Practical Experience in Special Ministries II
- C. Children's Ministry 18 hours
 1. 11 hours required
 - RLED-3213 Administering Local Church Programs and Bible School
 - RLED-3222 Religious Education of Children
 - RLED-3232 Curriculum Development for Children's Ministry
 - RLED-3612 Spiritual Development of Children
 - RLED-4412 Special Issues in Children's Ministry
 2. 3 hours chosen from
 - RLED-4313 Volunteers, Parents, and Staff in Youth and Family Ministry
 - PHED-4513 Recreational Activities for the Handicapped
 3. 4 hours practicum
 - RLED-4844 Practical Experience in Special Ministries or
 - RLED-4812 Practical Experience in Special Ministries I and
 - RLED-4822 Practical Experience in Special Ministries II

A student must take 6 hours of Greek or 6 hours of Hebrew in addition to the above requirements for the B.A. in Religious Education.

- GREK-1113 Elementary Greek I
- GREK-1213 Elementary Greek II
- or
- HBRW-3113 Elementary Hebrew I
- HBRW-3213 Elementary Hebrew II (May also count as Old Testament textual)

B.A. Degree in Youth Ministry 71 hours, plus 6 additional hours in biblical languages required, no minor required

The major in youth ministry offers students an opportunity to make special preparation to serve as youth ministers while laying a strong foundation in a study of the Bible and Bible-related subjects. The purpose of the youth ministry major at OC is to equip students to minister with adolescents and their families.

An OC graduate with a Bachelor of Arts degree in Youth Ministry will be able to:

1. "Know thyself."
2. Plan and lay out a yearly program of activities that reinforce the core values of the Christian faith, the local church, and the youth group.
3. Involve the parents of adolescents and other volunteers in the youth and family program, utilizing their gifts.
4. Refer to parents, authorities, and/or counselors when adolescents are at risk.
5. Share the Gospel specifically using methods to reach adolescents.
6. Disciple and assist adolescents in their spiritual formation.
7. Use and teach scripture effectively.

Degree requirements

1. 20 hours required core major courses
 - BIBL-2713 Introduction to Ministry

- BIBL-3013 Hermeneutics
- BIBL-3203 Biblical Exegesis
- BIBL-3823 Counseling for Ministers
- BIBL-4753 Seminar in Christian Ministry
- RLED-2512 Personal Evangelism and
- RLED-3113 Teaching the Bible or
- BIBL-3913 Preparation and Delivery of Religious Speeches
- 2. 30 hours youth ministry and related courses
 - A. 18 hours youth ministry courses
 1. 6 hours required
 - RLED-4213 Religious Education of Adolescents
 - YTMN-4823 Youth Ministry Practicum
 2. 9 hours chosen from
 - YTMN-2123 Counseling Adolescents
 - YTMN-2213 Introduction to Youth and Family Ministry as a Profession
 - YTMN-2233 Experiential Teaching Methods in the Outdoors
 - YTMN-3113 Evangelism, Discipleship, and Spiritual Formation with Adolescents
 - YTMN-3213 Models and Programming in Youth Ministry
 - YTMN-4113 Adolescent Spirituality, Morality, and Culture
 - YTMN-4313 Volunteers, Parents, and Staff in Youth and Family Ministry
 3. 3 hours practicum
 - YTMN-4813 Youth Ministry Practicum-Teaching & Programming
 4. 6 hours family courses
 - A. 3 hours required
 - FMST-3933 Cybernetics and Systems Theory
 - B. 3 hours chosen from
 - FMST-3113 Parent-Child Relations
 - FMST-3913 Family Development
 - BIBL-3413 Christian Family
 5. 6 hours psychology courses
 - PSYC-1113 General Psychology I
 - PSYC-3523 Developmental Psychology
 6. 21 hours textual Bible courses
 - A. 6 hours Old Testament textual courses
 - B. 9 hours New Testament textual courses
 - C. 6 hours elective textual courses

A student must take 6 hours of Greek or 6 hours of Hebrew in addition to the above requirements for the B.A. in Youth Ministry.

- GREK-1113 Elementary Greek I
- GREK-1213 Elementary Greek II
- or
- HBRW-3113 Elementary Hebrew I
- HBRW-3213 Elementary Hebrew II (May also count as Old Testament textual)

Vocational Ministry 34 hours, taken only as a second major

This major is designed specifically for people planning careers in non-religious fields such as teaching, engineering, medicine, law, business, sciences, communication, or fine arts, but who desire a deeper knowledge of God's Word and ministry in order to strengthen the cause of Christ wherever they live and work.

An OC graduate with any degree and second major in vocational ministry will:

1. Demonstrate a broader understanding of the Scriptures.
2. Demonstrate methodologies and critical thinking skills designed to improve ministries and solve problems on the field.
3. Choose, practice, and enhance his or her profession from a Kingdom perspective.

Degree Requirements

34 hours from the College of Biblical Studies

A. Must include 17 hours minimum of textual courses

B. Must include 17 hours minimum of upper division courses

Core curriculum courses in Bible may be counted in these totals.

The following five courses are recommended, but not required:

BIBL-3003	Vocational Ministry
BIBL-3823	Counseling for Ministers
BIBL-3913	Preparation and Delivery of Religious Speeches
MISS-3013	Mission Preparation
RLED-2512	Personal Evangelism

GRADUATE PROGRAM

The College of Biblical Studies also offers a Master of Divinity degree and a Master of Arts degree with majors in general ministry, family life ministry, and youth ministry.

Undergraduates who are considering graduate Bible programs are strongly encouraged to take the following prerequisite courses:

24 hours of undergraduate biblical studies

BIBL-3013	Hermeneutics
BIBL-3203	Biblical Exegesis
GREK-1113	Elementary Greek I
GREK-1213	Elementary Greek II
BIBL-3913	Preparation and Delivery of Religious Speeches
BIBL-3413	Christian Family or one other Family Life course
HBRW-3113	Elementary Hebrew I
HBRW-3123	Elementary Hebrew II
(HBRW-3213 encouraged, not required)	

For more information regarding graduate studies in the College of Biblical Studies, contact Dr. Richard Wright, at (405) 425-5384 or at richard.wright@oc.edu.

MINOR REQUIREMENTS

Bible Minor

Take 25 hours of Bible, textual or non-textual; this may not include missions, religious education, or youth ministry courses. This includes 16 hours of the core curriculum Bible as well as 9 additional hours.

Biblical Languages Minor

18 hours of Biblical languages including

12 hours of New Testament Greek and 6 hours of Hebrew

GREK-1113	Elementary Greek I
GREK-1213	Elementary Greek II
GREK-2113	Intermediate Greek I
GREK-2213	Intermediate Greek II

HBRW-3113 Elementary Hebrew I

HBRW-3213 Elementary Hebrew II

Church History Minor

18 hours chosen from the following courses

BIBL-3113	The New Testament Church
BIBL-3173	Church History to 1517
BIBL-3183	Church History 1517 to Present
BIBL-4513	History of the Bible
BIBL-4713	Restoration Movement
HIST-3913	Renaissance and Reformation, 1400-1648
HIST-4613	Medieval Europe, 400-1300

Missions Minor

18 hours, with 12 hours chosen from missions courses other than Missions Experience, and 6 hours chosen from the following courses

BIBL-3013	Hermeneutics
BIBL-3113	The New Testament Church
BIBL-3713	Contemporary Ethics
BIBL-3823	Counseling for Ministers
BIBL-4713	Restoration Movement
MISS-4813	Missions Experience

Non-textual Bible Minor

18 hours required to be taken from a minimum of two of the following areas: church history, missions, religious education, and youth ministry

Note: Courses counted in a Bible major or other major requiring courses listed in the College of Biblical Studies may not be counted in a minor.

Religious Education Minor

18 hours from the following courses

1. 3 hours required
 - RLED-3113 Teaching the Bible
2. 10-15 hours from Religious Education courses
3. Up to 5 hours chosen from
 - MISS-3113 Women in MissionsAny courses in Family Studies, Psychology, or Youth Ministry (except PSYC-1113)

Youth Ministry Minor

18 hours from the following courses

1. 3 hours required
 - BIBL-1713 Introduction to Ministry
2. At least 6 hours chosen from
 - YTMN-3113 Evangelism, Discipleship, and Spiritual Formation with Adolescents
 - YTMN-4113 Adolescent Spirituality, Morality, and Culture
 - YTMN-4313 Volunteers, Parents, and Staff In Youth and Family Ministry
3. 9 hours from other courses in youth ministry or any course in religious education

COLLEGE OF ARTS AND SCIENCES DEGREE REQUIREMENTS



AREAS OF STUDY

Department of Art and Design

Art and Design (ARTS)
Fine Arts (FINE)
Gaming and Animation
Interior Design (INTDS)
Photography + Video

Department of Biology

Biology (BIOL)
Biochemistry (BIOL)
Biochemistry/Molecular Biology (BIOL)
Medical Technology (MEDT)
Science Education
Pre-professional programs: pre-medical, pre-dental, pre-veterinary, pre-physical therapy, pre-occupational therapy, pre-nursing, pre-pharmacy, pre-radiation technology, pre-physician associate, and pre-optometry

Department of Chemistry and Physics

Biochemistry (CHEM)
Chemistry (CHEM)
Forensic Science (CHEM)
General Science (GNSC)
Science Education

Department of Communication

Communication (COMM)

Department of History and Political Science

Geography (GEOG)
History (HIST)
Political Science (POLS)

Interdisciplinary Studies

Culture (CLTR)
Honors (HNRS)
Philosophy (PHIL)
Student Development (SDEV)

Department of Language and Literature

English (ENGL)
French (FRNC)
German (GERM)
Japanese (JAPN)
Spanish (SPAN)

Department of Music

Music (MUSC)
Department of Nursing

Nursing (NURS)

Department of Psychology and Family Studies

Family Studies (FMST)
Psychology (PSYC)
Sociology (SOCL)

DEGREES OFFERED

Department of Art and Design

B.A. Degree in Photography + Video

B.F.A. Degree in Art
B.F.A. Degree in Communication Design
B.F.A. Degree in Gaming and Animation
B.F.A. Degree in Interior Design

Department of Biology

B.S. Degree in Biochemistry
B.S. Degree in Biology
B.S. Degree in Medical Technology
B.S.E. Degree in Science Education

Department of Chemistry and Physics

B.S. Degree in Biochemistry
B.S. Degree in Chemistry
B.S. Degree in Forensic Science
B.S.E. Degree in Science Education

Department of Communication

B.A. Degree in Communication Studies
Areas of Emphasis

General
Pre-Law

B.S. Degree in Mass Communication

Areas of Emphasis:
Media Management
Creative Media
Interactive Media
Public Relations

B.S. Degree in Journalism

B.S. Degree in Organizational Communication

B.S. Degree in Theater Performance

Department of History and Political Science

B.A. Degree in History
B.A. Degree in History/Pre-Law
B.S. Degree in History/Pre-Law
B.S. Degree in Political Science
B.S.E. Degree in Social Studies

Interdisciplinary Studies

B.A. Degree in Interdisciplinary Studies
B.S. Degree in Interdisciplinary Studies

Department of Language and Literature

B.A. Degree in English
B.A. Degree in English/Pre-Law
B.A. Degree in English/Teaching English as a Foreign Language (TEFL)
B.A. Degree in English/Writing
B.S.E. Degree in English
B.A. Degree in Spanish

Department of Music

B.A. Degree in Music
B.M.E. Degree in Music
Areas of Emphasis
Instrumental
Vocal
Department of Nursing
B.S.N. Degree in Nursing

Department of Psychology and Family Studies

B.S. Degree in Family Studies
B.S. Degree in Family Studies/Child Development
B.A. Degree in Psychology
B.S. Degree in Psychology

MINORS

Art and Design

Art
Communication Design
Gaming and Animation
Interior Design
Photography + Video

Biology

Biology

Chemistry and Physics

Chemistry
Physical Science

Communication

Communication Studies
Interactive Media
Mass Communication
Media Production
Organizational Communication
Drama Ministry
Dramaturgy
Theater Performance

History and Political Science

History
Political Science

Social Science

Interdisciplinary Studies

International Studies
Military Science

Language and Literature

English
Spanish
Teaching English as a Foreign Language
Writing

Music

Music

Psychology and Family Studies

Child Development
Family Studies
Psychology

FACULTY

David Lowry, Ph.D., Dean of the College of Arts and Sciences, Professor of Communication

Department of Art and Design

David Crismon, M.F.A.,
Department Chair, Professor of Art and Design
Amy Beauchamp, M.F.A.,
Assistant Professor of Art and Design/
Interior Design
Michael J. O'Keefe, M.F.A.,
Professor of Art and Design
Jeff Price, M.F.A.,
Associate Professor of Art and Design

Department of Biology

Timothy VanWagoner, Ph.D.,
Department Chair, Assistant Professor of Biology
Lisa McWhirter, Ph.D.,
Assistant Professor of Biology and
Director of Faculty Development
Al Mikell, Ph.D.,
Associate Professor of Biology
Kris Miller, Ph.D.,
Professor of Biology
Eric Phelps, Ph.D.,
Assistant Professor of Biology
Richard Trout, M.S.,
Associate Professor of Biology

Department of Chemistry and Physics

William Luttrell, Ph.D.,
Department Chair, Associate Professor of Chemistry
Christopher Austin, Ph.D.,
Assistant Professor of Physics
Leonard Feuerhelm, Ph.D., J.D.,
Professor of Physics
Amanda Nichols, Ph.D.,
Assistant Professor of Chemistry

Howard Vogel, Ph.D.,
Associate Professor of Chemistry

Department of Communication

Larry Jurney, Ph.D.,
Department Chair, Professor of Mass Communication
Barrett Huddleston, Ph.D.,
Assistant Professor of Speech and Theater
David Lowry, Ph.D.,
Professor of Communication
Philip Patterson, Ph.D.,
Distinguished Professor of Mass Communication
Philip Reagan, M.A.,
Associate Professor of Speech and Theater
Josh Watson, M.A.,
Instructor of Communication

Department of History and Political Science

John Maple, Ph.D.,
Department Chair, Distinguished Professor of History
Raymon Huston, Ph.D.,
Associate Professor of Political Science
Gary Lindsey, Ph.D.,
Associate Professor of History
Matt McCook, Ph.D.,
Associate Professor of History

Department of Language and Literature

Cami Agan, Ph.D.,
Department Chair, Professor of English
Rebecca Briley, Ph.D.,
Associate Professor of English and
Coordinator of Composition/Rhetoric
Merle K. Gatewood, M.A.,
Associate Professor of English and French
Scott LaMascus, Ph.D.,
Professor of English and Director of Honors Program
Bailey McBride, Ph.D.,
Professor of English
Gail Nash, M.A., Ph.D.
(candidate), Assistant Professor of English
Willie Steele, Ph.D.,
Associate Professor of English
Tina Ware, Ph.D.,
Professor of Spanish

Department of Music

Kathy Thompson, Ph.D.,
Department Chair, Professor of Music
Ken Adams, D.M.A., Professor of Music

John Fletcher, D.M.A., Professor of Music
 Paula Hutton, M.M.E., Ph.D. (candidate), Assistant Professor of Music
 Heath Jones, Ph.D., Associate Professor of Music

Department of Nursing

Linda Fly, M.S.N. Ph.D.,
 (candidate), Chair of Nursing Department, Assistant Professor of Nursing
 Kay Elder, M.S.N.,
 Assistant Professor of Nursing
 Shawna Hood, M.S.N.,
 Instructor of Nursing
 Becky O'Neal, M.S.N.,
 Assistant Professor of Nursing
 Beth Scott, M.S.N.,
 Assistant Professor of Nursing

Department of Psychology and Family Studies

Ryan Newell, Ph.D.,
 Department Chair, Professor of Psychology
 Sada Knowles, M.S., Ph.D.,
 (candidate), Instructor of Psychology
 Tina Winn, Ed.D.,
 Associate Professor of Psychology

LOCATION

Classrooms and Faculty Offices

Art and Design

Garvey Center for the Liberal Arts
 Kresge Fine Arts

Biology

Herold Science Hall
 Prince Engineering Center
 Vose Hall

Chemistry and Physics

Herold Science Hall
 Prince Engineering Center
 Vose Hall

Communication

Garvey Center for the Liberal Arts
 Mabee Communication

History and Political Science

Davison American Heritage Building

Language and Literature

Mabee Learning Center

Music

Garvey Center for the Liberal Arts

Nursing

Vose Hall

Psychology and Family Studies

Davison American Heritage Building

Dean's Office

Garvey Center for the Liberal Arts,
 Room 100

DEPARTMENT OF ART AND DESIGN

B.F.A. Degree in Art

75 hours, no minor required

This major is for the person wanting a general background in art or a vocation in the field of art and its related industries.

An OC graduate with a Bachelor of Fine Arts degree in Art will:

1. Demonstrate effective problem solving skills as applied to visual communications, artistic expression, and graphic design.
2. Demonstrate a working understanding of art history: genres, artists, movements, and practitioner
3. Articulate an understanding of one's integration of faith and design/artistic expression.
4. Demonstrate the ability to communicate clearly and think independently.
5. Demonstrate a commitment to scholarship and creative expression.
6. Demonstrate an ability to reproduce a visual impression/representation of form, substance, light, and shadow through figure and perspective drawing.

Degree requirements

1. 65 hours art and design
 - A. 33 hours foundation courses

ARTS-1103	Technology for Graphics
ARTS-1113	Fundamentals of Drawing
ARTS-1213	Figure Drawing
ARTS-1413	Elements of Visual Thinking
ARTS-2323	Digital Design for Print
ARTS-2403	Digital Photography
ARTS-2423	History of Photography and Motion Pictures
ARTS-2523	Form and Communication
ARTS-3333**	History of Design
ARTS-3343**	Ancient to Modern Art History
ARTS-3353**	Contemporary Art
 - B. 6 hours printmaking

ARTS-3113	Printmaking: Intaglio and Relief
ARTS-3123	Printmaking: Serigraphy
 - C. 6 hours painting

ARTS-2513	Painting I
ARTS-3213	Painting II
 - D. 6 hours illustration

ARTS-3523	Illustration I
ARTS-4523	Illustration II
 - E. 3 hours professional design chosen from

ARTS-1623	Introduction to Interior Design
ARTS-2223	Introduction to Communication Design
 - F. 3 hours required

ARTS-3773	The Business of Branding Yourself
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 - G. *12 hours Art & Design Electives
 - H. 6 hours marketing chosen from

MGMT-3113	Principles of Management
MGMT-3323	Entrepreneurship and Small Business Management
MKTG-3313	Principles of Marketing
MKTG-3413	Consumer Behavior,
MKTG-3513	E-Commerce and Online Marketing
MKTG-4313	Promotional Strategies
MKTG-4613	Marketing Management

*If the B.F.A. candidate wants to be a curator or gallery director,

we recommend taking ARTS-3533, Historical Interior Design, Antiquity-1850 and ARTS-3633, Contemporary Design, 1840-Present for 6 hours Art and Design electives.

B.F.A. Degree in Communication Design **75 hours, no minor required**

This major is for the person wanting to be an art director, graphic designer, new media designer, account executive, or copywriter for an advertising agency, graphic design studio, "in-house" corporate art department, or interactive design company.

An OC graduate with a Bachelor of Fine Arts degree in Graphic Design will:

1. Demonstrate effective problem solving skills as applied to visual communications, artistic expression, and graphic design.
2. Demonstrate a working understanding of art history: genres, artists, movements, and practitioners.
3. Articulate an understanding of one's integration of faith and design/artistic expression.
4. Demonstrate the ability to communicate clearly and think independently.
5. Demonstrate a commitment to scholarship and creative expression.
6. Demonstrate an ability to reproduce a visual impression/representation of form, substance, light, and shadow through figure and perspective drawing.

Degree requirements

1. 66 hours art and design
 - A. 18 hours foundation courses

ARTS-1113	Fundamentals of Drawing
ARTS-1213	Figure Drawing
ARTS-1413	Elements of Visual Thinking
ARTS-3113	Printmaking: Intaglio and Relief
	or
ARTS-3123	Printmaking: Serigraphy
ARTS-3343**	Ancient to Modern Art History
ARTS-3353**	Contemporary Art
 - B. 27 hours advertising and communication design

ARTS-2223	Introduction to Communication Design
ARTS-2233	Type as Visual Language
ARTS-3243	Graphic Design
ARTS-3253	Print and Social Media Design
ARTS-3263	Advanced Graphic Design
ARTS-3333**	History of Design
ARTS-3513	Graphic Arts Production
ARTS-3523	Illustration I
ARTS-4253	Integrated Marketing Design
 - C. 15 hours digital design

ARTS-1103	Technology for Graphics
ARTS-2243	Interactive Media Design I
ARTS-2323	Digital Design for Print
ARTS-2403	Digital Photography
ARTS-3443	Interactive Media Design II
 - D. 3 hours required

ARTS-3773	The Business of Branding Yourself
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2. Concentration
Choose one of the following concentration areas
 - A. 12 hours of illustration

ARTS-2513	Painting I
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- | | |
|-----------|--------------|
| ARTS-3213 | Painting II |
| ARTS-4213 | Painting III |
- B. 12 hours marketing/management chosen from

MGMT-3113	Principles of Management
MGMT-3323	Entrepreneurship and Small Business Management
MKTG-3313	Principles of Marketing
MKTG-3413	Consumer Behavior
MKTG-3513	E-Commerce and Online Marketing
MKTG-4313	Promotional Strategies
MKTG-4613	Marketing Management *prerequisites must be met
 - C. 12 hours gaming, animation, and technology design

ARTS-2743	3-D Modeling and Animation
ARTS-3163	Animation Principles and Practices
ARTS-3173	3D Modeling and Animation II
ARTS-4223	Gaming and Animation Studio
 - D. 12 hours photography + video chosen from

ARTS-3363	Photography I
ARTS-3373	Photography II
ARTS-3383	Motion Imagery
ARTS-4333	Commercial Studio Photography
COMM-2643	Media Production

B.F.A. Gaming and Animation **72 hours, no minor required**

The Bachelor of Fine Arts Program in Gaming and Animation prepares students to use emerging media for the purpose of communication design, self-expression and experimentation. G&A Students will have a grasp of industry-level skills and artistic techniques including texturing, unwrapping, animating, and rigging 3D models, game level design, 2d animation techniques, audio production and interactive design.

An OC graduate with a Bachelor of Fine Arts in Gaming and Animation will:

1. Demonstrate effective problem solving skills as applied to visual communications, animation, artistic expression, and graphic design.
2. Demonstrate a working understanding of art history: genres, artists, movements, and practitioners.
3. Articulate an understanding of one's integration of faith and design/artistic expression.
4. Demonstrate the ability to communicate clearly and think independently.
5. Demonstrate a commitment to scholarship and creative expression.
6. Demonstrate an ability to reproduce a visual impression/representation of form, substance, light, and shadow through figure.

Degree requirements

1. 33 hours foundation courses
 - A. 24 hours art and design core required

ARTS-1103	Technology for Graphics
ARTS-1113	Fundamentals of Drawing
ARTS-1213	Figure Drawing
ARTS-1413	Elements of Visual Thinking
ARTS-2223	Introduction to Communication Design
ARTS-2523	Form and Communication

- ARTS-3523 Illustration I
- ARTS-3773 The Business of Branding Yourself
- B. 9 hours art and design history*
 - ARTS-3333 History of Design
 - ARTS-3343 Ancient to Modern Art History
 - ARTS-3353 Contemporary Art
- 2. 33 hours gaming and animation
 - ARTS-2243 Interactive Media Design I
 - ARTS-2403 Digital Photography
 - ARTS-2743 3D Modeling and Animation I
 - ARTS-3163 Animation Principles and Practices
 - ARTS-3173 3D Modeling and Animation II
 - ARTS-3383 Motion Imagery
 - ARTS-3453 Team Game Production I
 - ARTS-4223 Gaming and Animation Studio
 - ARTS-4333 Commercial Studio Photography
 - ARTS-4663 Gaming + Animation Capstone
 - COMM-2643 Media Production
- 3. 6 hours art and design electives

*Fulfills 6 hours of core curriculum requirements to replace FINE-2913 and HIST-2923.

B.F.A. Degree in Interior Design 72 hours, no minor required

This major is for persons wanting a career in residential or commercial interior design or a specialty design area.

An OC graduate with a Bachelor of Fine Arts degree in Interior Design will:

1. Demonstrate effective problem solving skills as applied to visual communications, artistic expression, and graphic design.
2. Demonstrate a working understanding of art history: genres, artists, movements, and practitioners.
3. Articulate an understanding of one's integration of faith and design/artistic expression.
4. Demonstrate the ability to communicate clearly and think independently.
5. Demonstrate a commitment to scholarship and creative expression.
6. Demonstrate an ability to reproduce a visual impression/representation of form, substance, light, and shadow through figure and perspective drawing.

Degree requirements

1. 63 hours art and design
 - A. 21 hours foundation courses
 1. 15 hours required
 - ARTS-1103 Technology for Graphics
 - ARTS-1113 Fundamentals of Drawing
 - ARTS-1413 Elements of Visual Thinking
 - ARTS-2123 Rendering in Perspective
 - ARTS-2523 Form and Communication
 2. 6 hours art history chosen from**
 - ARTS-3333 History of Design
 - ARTS-3343 Ancient to Modern Art History
 - ARTS-3353 Contemporary Art
 - B. 39 hours interior design
 - ARTS-1623 Introduction to Interior Design
 - ARTS-1643 Interior Textiles, Materials, and Finishes

- ARTS-1653 Computer Aided Design
- ARTS-2623 Residential Interior Design
- ARTS-2653 Space Planning and Systems Furniture
- ARTS-2663 Architectural Graphics
- ARTS-3533** Historical Interior Design, Antiquity to 1850
- ARTS-3613 Interior Systems
- ARTS-3623 Commercial Design I
- ARTS-3633** Contemporary Interior Design, 1850 to Present
- ARTS-3643 Commercial Design II
- ARTS-4613 Interior Design Professional Practices and Portfolio
- ARTS-4633 Gaming and Animation Capstone
- C. 3 hours Interior Design Internship
 - ARTS-4823 Interior Design Internship
- 2. 9 hours business chosen from
 - BUSA-1211 Introduction to Business
 - BUSA-3713 Contemporary Business Ethics
 - MGMT-3113 Principles of Management
 - MGMT-3323 Entrepreneurship and Small Business Management
 - MGMT-4313 Organizational Behavior

B.A. Degree in Photography + Video 63 hours, no minor required

This degree is for persons wanting a professional career in the photographic arts with capabilities in fine art, digital and commercial applications.

An OC graduate with a BA in Photography + Video will:

1. Demonstrate effective problem solving skills as applied to visual communications, artistic expression, and photographic processes.
2. Demonstrate a working understanding of photographic, film and art histories.
3. Articulate an understanding of one's integration of faith and design/artistic expression.
4. Demonstrate the ability to communicate clearly and think independently.
5. Demonstrate a commitment to scholarship and creative expression.

Degree requirements

1. 18 hours art Core
 - ARTS-1103 Technology for Graphics
 - ARTS-1113 Fundamentals of Drawing
 - ARTS-1413 Elements of Visual Thinking
 - ARTS-2523 Form and Communication
 - ARTS-2743 3D Modeling & Animation
 - ARTS-3773 Business of Branding Yourself
2. 12 hours art history
 - ARTS-2423 History of Photography and Motion Pictures
 - ARTS-3333 History of Design
 - ARTS-3343 Ancient to Modern Art History
 - ARTS-3353 Contemporary Art History
3. 12 hours communication design
 - ARTS-2223 Introduction to Communication Design
 - ARTS-2323 Digital Design for Print
 - ARTS-2643 Media Production
 - COMM-3703 Computer Graphics for Broadcast

4. 18 hours photography + video
 - ARTS-2403 Digital Photography
 - ARTS-3363 Photography I
 - ARTS-3373 Photography II
 - ARTS-3383 Motion Imagery
 - ARTS-4333 Commercial Studio Photography
 - ARTS-4653 Photo + Video Capstone
5. 3 hours art elective
Take 3 hours from Art Department. Internship with approval by advisor.

Special Notes for Art and Design Majors:

1. You must provide your own supplies.
2. **Fulfills 6 hours of core curriculum requirements to replace FINE-2913 and HIST-2923.
3. For each art and design course you take, OC reserves the right to retain one of your works for its permanent collection and to exhibit or reproduce the work in any of its publications.
4. If an M.A. in Art History is anticipated, two courses in French and an additional 9 hours of art history are highly recommended.

DEPARTMENT OF BIOLOGY

B.S. Degree in Biochemistry **79 hours, no minor required**

Degree requirements
See listing in Chemistry

B.S. Degree in Biology **68 hours, no minor required**

An OC Graduate with a Bachelor of Science degree and in Biology will:

1. Be prepared for graduate level studies or entry-level positions in fields of scientific investigation.
2. Have acquired a fundamental body of knowledge in the biological and physical sciences.
3. Be able to think critically and have conducted research in both experimental and theoretical forms.
4. Be able to communicate effectively the results of scientific research and study.
5. Have developed mature Christian attitudes towards scholarship, intellectual honesty and ethical conduct that promote a life-long appreciation for learning.

Degree requirements

1. 16 hours biology core
 - BIOL-1314 General Zoology
 - BIOL-2114 Cellular Biology
 - BIOL-2244 Human Anatomy
 - BIOL-2314 Genetics
2. 22 hours 3000/4000 level biology courses; must include 6 lecture and 4 lab courses; up to 4 hours can be satisfied by undergraduate research.
3. 15 hours chemistry
 - CHEM-1115 General Chemistry I
 - CHEM-1215 General Chemistry II
 - CHEM-3115 Organic Chemistry I
4. 6-7 hours mathematics
 - A. 3-4 hours mathematics

- MATH-1213 College Algebra
or
 - MATH-2114 Calculus I with Analytical Geometry
- B. 3 hours statistics
 - MATH-2913 Statistical Methods
 - C. 3 hours trigonometry recommended, but not required
 - MATH-1523 Trigonometry
 5. 4 hours physics with laboratory
 - PHYS-1114 College Physics I
or
 - PHYS-2514 Physics I
 6. 5 hours science seminar
 - GNSC-1711 Freshman Science Seminar
 - GNSC-2711 Sophomore Science Seminar
 - GNSC-3711 Junior Science Seminar
 - GNSC-4712 Senior Science Seminar

Note: Program Requirements:

Before taking any 3000/4000 level biology classes, you must:

1. Complete 16 hours of core biology
2. Maintain a science GPA of 2.5
3. Complete all prerequisite courses with a grade of C or better.
4. Complete GNSC-1711 and GNSC-2711; while enrolled, students must seek approval to add upper division biology courses.
5. Complete ENGL-2113 with a grade of C or better.
6. Obtain departmental approval.

B.S. Degree in Medical Technology **71 hours, no minor required**

The major consists of three years of university work plus 12 months of clinical training in a hospital lab school of medical technology accredited by the National Accrediting Agency for Clinical Laboratory Sciences. OC has affiliation agreements with a number of such schools. Acceptance into the clinical program will be determined by the affiliated hospital.

An OC graduate with a Bachelor of Science degree in Medical Technology will:

1. Be prepared for graduate level studies in Medical Technology or entry-level positions in the field of Medical Technology.
2. Be able to think critically and have acquired a fundamental framework of knowledge in mathematics, chemistry, and life-science applications that will withstand the rapid evolution of modern lab techniques critical in medical practice.
3. Have acquired a fundamental knowledge of clinical practices through intensive clinical training.
4. Have developed a sense of absolute integrity governing lab medicine and mature Christian attitudes towards scholarship, intellectual honesty, and ethical conduct that promote a life-long appreciation for learning.

Degree requirements

Complete 96 hours at OC

1. Meet all core curriculum requirements
2. 42 hours science
 - A. 19 hours chemistry
 - 1. 15 hours
 - CHEM-1115 General Chemistry I
 - CHEM-1215 General Chemistry II
 - CHEM-3115 Organic Chemistry I

2. 4 hours electives selected from
 - CHEM-3214 Organic Chemistry II
 - CHEM-4014 Biochemistry I with Lab
 - CHEM-4004 Instrumental Analysis
- B. 16 hours biology
 1. 12 hours
 - BIOL-3224 Human Physiology
 - BIOL-3415 General Microbiology
 - BIOL-4213 Immunology
 2. 4 hours electives selected from
 - BIOL-2114 Cellular Biology
 - BIOL-2244 Human Anatomy
 - BIOL-2314 Genetics
 - BIOL-3524 Invertebrate Zoology and Parasitology
- C. 3 hours algebra
 - MATH-1213 College Algebra
- D. 3 hours science seminar
 - GNSC-1711 Freshman Science Seminar
 - GNSC-2711 Sophomore Science Seminar
 - GNSC-3711 Junior Science Seminar
- E. Elective hours to total of 96 hours
- F. Complete 30 hours clinical training
 - MEDT-4117 Clinical Microbiology
 - MEDT-4125 Clinical Chemistry
 - MEDT-4236 Clinical Hematology
 - MEDT-4246 Clinical Immunology
 - MEDT-4325 Clinical Chemistry II
 - MEDT-4351 Topics in Medical Technology

Note: Transfer students must complete at least 30 hours (two semesters) at OC to be eligible to enroll in the clinical training courses.

During your participation in the clinical year of the medical technology program, your scholarships will be replaced by a med tech scholarship equal to the cost of full-time OC tuition, minus the cost of the medical technology program fee. If you wish to keep your laptop during the clinical year, contact the helpdesk for fees that may be involved.

B.S.E. Degree in Science Education **42 hours, minor required**

The requirements for a minor in professional education must also be met.

An OC graduate with a Bachelor of Science in Education degree in Science will:

1. Have acquired competency in a broad general education through study in the liberal arts by successfully completing the university core curriculum and passing the Oklahoma General Education Test (OGET).
2. Demonstrate an in-depth knowledge of their chosen area of science by achieving a 3.00 GPA in the major field and passing the Oklahoma Subject Area Test (OSAT) appropriate to the major field.

Degree requirements

1. 20 hours core science courses
 - BIOL-2013 General Biology I
 - CHEM-1115 Chemistry I
 - CHEM-1215 Chemistry II

- GNSC-2313 Physical Science I: The Earth
- GNSC-4721 Science Modeling and Strategies
- MATH-2913 Statistical Methods
- 2. 22 hours biology emphasis or 22 hours physical science emphasis
 - A. Biology Emphasis
 - BIOL-2023 Biology II
 - BIOL-2314 Genetics
 - BIOL-2523 Anatomy & Physiology I
 - BIOL-2624 Principles of Microbiology
 - PHYS-1514 College Physics I
 - Phys 1811 Physics I Lab
 - 4 hours upper division biology or
 - B. Physical Science Emphasis
 - CHEM-3115 Organic Chemistry I
 - GNSC-2323 Physical Science II: Astronomy
 - PHYS-1514 College Physics I
 - PHYS-1614 College Physics II
 - PHYS-1811 Physics I Lab
 - PHYS-1911 Physics II Lab
 - 4 hours upper division chemistry or physics

The student must meet all the requirements for the B.S.E. Degree as well as education professional hours (**see page 76-78**).

Pre-Professional Programs

Pre-medical, pre-dentistry and other programs:

There are many professional programs in the health sciences available to students, requiring a variety of preparations for admittance. Students wanting to become physicians (M.D. or D.O.), dentists, optometrists, podiatrists, or pharmacists usually need to complete a B.S. degree before being accepted into the post-graduate programs.

Because requirements at different professional schools vary, you should decide at which schools you plan to seek admission and work closely with your faculty advisor to make certain that all entrance requirements are met. OC has an excellent record of acceptances into a number of professional schools.

Physical therapy (P.T.) and occupational therapy (O.T.) programs are typically master's or doctorate degree programs. Although the requirements for admission are diverse, OC offers the prerequisites for these programs. You should check with the institution offering a P.T. or O.T. program to determine the specific prerequisites. Because of the competition for entry into P.T. and O.T. programs, many students will have to complete a bachelor's degree in biology or psychology while fulfilling the specific prerequisites for entry into the P.T. or O.T. program.

For students desiring to gain admission to the P.T. or O.T. programs at the University of Oklahoma Health Sciences Center, a BS degree must be completed.

Allied health science areas

There are also many other allied health science fields such as physician associate, medical technology, radiation technology, dental hygiene, cytotechnology, environmental health, and industrial hygiene. These programs require from two to four years of undergraduate education before acceptance into the professional program. OC offers the necessary pre-professional education for

these programs. Faculty advisors will work with you to plan an acceptable program.

DEPARTMENT OF CHEMISTRY AND PHYSICS

The Department of Chemistry and Physics considers its primary constituents to be four-fold:

1. Students seeking an education in science at a Christian university;
2. The scientific community in which these students will eventually work;
3. The church they will serve; and
4. Their parents.

B.S. Degree in Biochemistry **79 hours, no minor required**

An OC graduate with a Bachelor of Science degree in Biochemistry will:

1. Be prepared for graduate level studies or entry-level positions in fields of scientific investigation.
2. Have acquired a fundamental body of knowledge in the biological and chemical sciences.
3. Be able to think critically and have conducted research in both experimental and theoretical forms.
4. Be able to communicate effectively the results of scientific research and study.
5. Have developed mature Christian attitudes towards scholarship, intellectual honesty and ethical conduct that promote a life-long appreciation for learning.

Degree Requirements

1. 7 hours mathematics

MATH-2114	Calculus I with Analytical Geometry
MATH-2913	Statistical Methods
2. 8 hours physics with laboratory

PHYS-1114	College Physics I
	or
PHYS-2514	Physics I
PHYS-1214	College Physics II
	or
PHYS-2614	Physics II
3. 20 hours biology/biochemistry

BIOL-2114	Cellular Biology
BIOL-3415	General Microbiology
BIOL-4014	Biochemistry I and Lab
BIOL-4123	Biochemistry II
BIOL-4223	Molecular Biology
BIOL-4301	Molecular Biology Lab
4. 27 hours chemistry

CHEM-1115	General Chemistry I
CHEM-1215	General Chemistry II
CHEM-3114	Analytical Chemistry I
CHEM-3115	Organic Chemistry I
CHEM-3124	Organic Chemistry II
CHEM-4113	Physical Chemistry I
CHEM-4121	Physical Chemistry Experiments I
5. 5 hours science seminar

GNSC-1711	Freshman Science Seminar
GNSC-2711	Sophomore Science Seminar

- | | |
|-----------|------------------------|
| GNSC-3711 | Junior Science Seminar |
| GNSC-4712 | Senior Science Seminar |
6. 12 hours technical electives chosen from

BIOL-1314	General Zoology
BIOL-2314	Genetics
BIOL-2244	Human Anatomy
	or
BIOL-3115	Human Anatomy with Cadaver Dissection
BIOL-3224	Human Physiology
BIOL-3435	Pathogenic Microbiology
BIOL-4213	Immunology
BIOL-4411	Introduction to Research
BIOL-4412	Undergraduate Research
CHEM-2113	Introduction to Forensic Science
CHEM-3214	Analytical Chemistry II
CHEM-4213	Physical Chemistry II
CHEM-4313	Forensic Toxicology
CHEM-4221	Physical Chemistry Experiments II
CHEM-4414	Inorganic Chemistry
CHEM-4514	Forensic Analysis
CHEM-4611	Research Methods
CHEM-4612	Research Methods
CHEM-4613	Research Methods
CHEM-4711	Practicum in Forensic Science
CHEM-4712	Practicum in Forensic Science
CHEM-4713	Practicum in Forensic Science
ENGL-3493	Technical Writing
MATH-2214	Calculus II with Analytical Geometry

Recommendation

- a. Medical School Track — Take General Zoology, Human Anatomy, and Human Physiology.
- b. Graduate School/Industry Track — Take Calculus II, Physical Chemistry II plus Lab, and Technical Writing.
- c. Forensics Track — Include Introduction to Forensic Science, Forensic Toxicology, Forensic Analysis, Practicum in Forensic Science, Human Anatomy with Cadaver Dissection.

No more than 3 hours of Practicum in Forensic Science courses may be counted toward the biochemistry major.

B.S. Degree in Chemistry **78 hours, no minor required**

An OC graduate with a Bachelor of Science degree in Chemistry will:

1. Be able to think critically, with special emphasis on application to his or her scientific field. The department will provide a solid foundation of technical knowledge and essential methodologies for learning and practice that will permit these graduates to be productive and successful in graduate school, professional school, or industry.
2. Serve in the Christian community in all areas of life. Graduates will have internalized a personal faith in God exhibited by:
 - a. Ethical decision making in the workplace;
 - b. An exemplary work ethic and lifestyle consistent with a Christian worldview; and
 - c. A stable life that successfully balances career, family, church, and community.
3. Communicate effectively with the tools of the information age. Graduates will have been exposed to both written and oral scientific communication, and will have had the opportunity to

both write and present scientific work. Where possible, students will have been involved in undergraduate research and will make presentations of their own research.

Degree Requirements

- 12 hours mathematics
 - MATH-2114 Calculus I with Analytical Geometry
 - MATH-2214 Calculus II with Analytical Geometry
 - MATH-2314 Calculus III
- 11 hours physics and laboratory
 - PHYS-2514 Physics I
 - PHYS-2614 Physics II
 - PHYS-2713 Physics III
- 43 hours chemistry
 - CHEM-1115 General Chemistry I
 - CHEM-1215 General Chemistry II
 - CHEM-3114 Analytical Chemistry I
 - CHEM-3115 Organic Chemistry I
 - CHEM-3124 Organic Chemistry II
 - CHEM-3214 Analytical Chemistry II
 - CHEM-4014 Biochemistry I and Lab
 - CHEM-4113 Physical Chemistry I
 - CHEM-4121 Physical Chemistry Experiments I
 - CHEM-4213 Physical Chemistry II
 - CHEM-4221 Physical Chemistry Experiments II
 - CHEM-4414 Inorganic Chemistry
- 7 hours technical electives chosen from
 - CHEM-4123 Biochemistry II
 - CHEM-4313 Forensic Toxicology
 - CHEM-4514 Forensic Analysis
 - CHEM-4611 Research Methods
 - CHEM-4612 Research Methods
 - CHEM-4613 Research Methods
 - CHEM-4711 Practicum in Forensic Science
 - CHEM-4712 Practicum in Forensic Science
 - CHEM-4713 Practicum in Forensic Science

No more than 3 hours of Practicum in Forensic Science courses may be counted toward the chemistry major.

Students planning to pursue graduate work in chemistry can include MATH-3013-Differential Equations and one computer science course (CMSC-1113-Programming I, CMSC-1123-Programming II, or CMSC-2133-Object Oriented Programming).

- 5 hours science seminar
 - GNSC-1711 Freshman Science Seminar
 - GNSC-2711 Sophomore Science Seminar
 - GNSC-3711 Junior Science Seminar
 - GNSC-4712 Senior Science Seminar

B.S. Degree in Forensic Science **79 hours, no minor required**

An OC graduate with a Bachelor of Science degree in Forensic Science will:

- Be prepared for graduate level studies in forensic science or entry-level positions in a forensic science laboratory.
- Have acquired fundamental knowledge in the biological and chemical sciences with specific knowledge in forensic science.
- Be able to think critically and conduct research experimentally and theoretically.
- Be able to communicate effectively orally and in writing the results of scientific research and study.

- Have developed mature Christian attitudes that will foster scholarship, intellectual honesty, and ethical conduct; having a good grasp of the concepts of justice and mercy.

Degree Requirements

- 7 hours mathematics
 - MATH-2114 Calculus I
 - MATH-2913 Statistical Methods
- 8 hours physics with laboratory
 - PHYS-2514 Physics I
 - PHYS-2614 Physics II
- 4 hours biology with laboratory
 - BIOL-2114 Cellular Biology
- 31 hours chemistry
 - CHEM-1115 General Chemistry I
 - CHEM-1215 General Chemistry II
 - CHEM-3115 Organic Chemistry I
 - CHEM-3124 Organic Chemistry II
 - CHEM-3114 Analytical Chemistry I
 - CHEM-3214 Analytical Chemistry II
 - CHEM-4014 Biochemistry I and Lab
- 16 hours forensic science
 - CHEM-2113 Introduction to Forensic Science
 - GNSC-3113 Forensic Science and the Law
 - CHEM-4313 Forensic Toxicology
 - CHEM-4514 Forensic Analysis
 - CHEM-4713 Practicum in Forensic Science
- 5 hours of science seminar
 - GNSC-1711 Freshman Science Seminar
 - GNSC-2711 Sophomore Science Seminar
 - GNSC-3711 Junior Science Seminar
 - GNSC-4712 Senior Science Seminar
- 8 hours technical electives chosen from
 - BIOL-2314 Genetics
 - BIOL-3115 Human Anatomy with Cadaver Dissection
 - BIOL-3224 Human Physiology
 - BIOL-3435 Pathogenic Microbiology
 - BIOL-4223 Molecular Biology
 - BIOL-4301 Molecular Biology Lab
 - CHEM-4613 Research Methods
 - MATH-2214 Calculus II with Analytical Geometry
 - PSYC-3313 Abnormal Psychology
 - PSYC-3913 Psychology of Crime
 - PSYC-4413 Biological Psychology
 - PSYC-4423 Drugs and Psychopharmacology

Technical electives should be chosen based upon degree track. BIOL-3115, 3224, and/or 3435 are recommended for toxicology-related career/graduate school. DNA-related career/graduate school requires BIOL-2314, 4223, and 4301. Graduate studies in psychological forensic science recommend PSYC-3313, 3913, 4413, and 4423. MATH-2214 and CHEM-4613 are recommended for any graduate school preparation in forensic chemistry.

B.S.E. Degree in Science Education **Degree requirements**

See Listing in Biology

DEPARTMENT OF COMMUNICATION

B.A. Degree in Communication Studies **37 hours, minor required**

The student must complete a minimum of 37 hours, 12 hours of which must be in 3000/4000 level courses.

An OC graduate with a Bachelor of Arts degree in Communication Studies will:

1. Have been encouraged to sustain or adopt a Christian worldview characterized by participation in a Christian community.
2. Have been encouraged to balance successfully career, family, church and community.
3. Be familiar with the appropriate theories of communication.
4. Have developed the appropriate writing styles and skills expected by future employers or graduate programs.
5. Have an understanding of the fundamentals of research and be able to interpret research findings.
6. Understand the ethics of communication.
7. Be able to pursue successfully a graduate degree in communication.

Degree requirements

1. 13 hours communication core courses
COMM-2513 Communication Theory
COMM-4113 Persuasion
COMM-4631 Senior Seminar in Communication
COMM-4733 Communication Ethics
3 hours experience appropriate to emphasis.
2. 24 hours required in area of emphasis (choose one area)
 - A. General
COMM-3333 Group Communication
COMM-3353 Interpersonal Communication
18 hours selected from communication courses except 1213
 - B. Pre-Law
COMM-3333 Group Communication
COMM-3353 Interpersonal Communication
COMM-3123 Oral Interpretation
COMM-3723 Interviewing
COMM-4113 Persuasion
COMM-4713 Media Law
3 hours Constitutional or Business Law
3 hours Political Science elective

Two courses in the same foreign language (minimum total — 6 hours)

Note: A minor in psychology, English, history, or political science and a course in statistics can be helpful for those planning for graduate school.

B.S. Degree in Mass Communication **Electronic Media-Media Management** **56 hours, no minor required**

An OC graduate with a Bachelor of Science degree in Mass Communication Electronic Media-Broadcast Management will:

1. Have been encouraged to sustain or adopt a Christian worldview characterized by participation in a Christian community.
2. Have been encouraged to successfully balance career, family, church, and community.
3. Be familiar with the appropriate theories of communication.
4. Have developed the appropriate writing styles and skills expected

by future employers or graduate programs.

5. Have an understanding of the fundamentals or research and be able to interpret research findings.
6. Understand the ethics of communication.
7. Be able successfully to pursue a career as a media salesperson or on-air radio personality possessing the talents to advance beyond an entry-level of employment.

Degree requirements

1. 15 hours mass communication core courses
COMM-2613 Media and Society
COMM-4631 Senior Seminar in Communication
COMM-4713 Media Law
COMM-4723 Media Ethics

Five hours experience-

You must take COMM-1371 or COMM-1381 each semester after completing COMM-1211. After satisfying the major requirement, additional workshop hours will count toward the 126 hours required for the degree. Internships may be substituted for two of these hours.

2. 35 hours media management required

- | | |
|-----------|--|
| COMM-1211 | Introduction to Electronic Media |
| COMM-1381 | Advanced Broadcasting Workshop |
| COMM-2113 | Media Writing |
| COMM-2213 | Voice and Articulation |
| COMM-2643 | Media Production |
| COMM-2813 | Advertising Principles |
| COMM-3343 | Advertising Copywriting |
| COMM-3633 | Audio for Media |
| COMM-3653 | Television Field Production |
| COMM-3723 | Interviewing |
| COMM-3733 | Media Marketing and Sales |
| COMM-4123 | Electronic News Producing |
| COMM-4513 | Administrative Aspects of Electronic Media |

3. 3 hours business required

- | | |
|-----------|--------------------------|
| MGMT-3113 | Principles of Management |
|-----------|--------------------------|

4. 3 hours business elective

B.S. Degree in Mass Communication **Electronic Media-Creative Media** **56 hours, no minor required**

An OC graduate with a Bachelor of Science degree in Mass Communication Electronic Media-Creative Media (Content Creation) will:

1. Have been encouraged to sustain or adopt a Christian worldview characterized by participation in a Christian community.
2. Have been encouraged to balance successfully career, family, church, and community.
3. Be familiar with the appropriate theories of communication.
4. Have developed the appropriate writing styles and skills expected by future employers or graduate programs.
5. Have an understanding of the fundamentals or research and be able to interpret research findings.
6. Understand the ethics of communication.
7. Be able successfully to pursue a career as an independent video producer or as a member of a media team in a corporation or be able successfully to pursue graduate studies.

Degree requirements

1. 15 hours mass communication core courses

COMM-2613	Media and Society
COMM-4631	Senior Seminar in Communication
COMM-4713	Media Law
COMM-4723	Media Ethics

Five hours experience-

You must take COMM-1371 or COMM-1381 each semester after completing COMM-1211. After satisfying the major requirement, additional workshop hours will count toward the 126 hours required for the degree. Internships may be substituted for two of these hours.

2. 38 hours creative media required

ARTS-2243	Interactive Media Design I
COMM-1211	Introduction to Electronic Media
COMM-1381	Advanced Broadcasting Workshop
COMM-2643	Media Production
COMM-2723	Scriptwriting
COMM-3343	Advertising Copywriting
COMM-3633	Audio for Media
COMM-3653	Television Field Production
COMM-3703	Computer Graphics for Broadcast
COMM-3723	Interviewing
COMM-3733	Media Marketing and Sales
COMM-4123	Electronic News Producing
COMM-4513	Administrative Aspects of Electronic Media
COMM-4913	Directed Study: Advanced Production

3. 3 hours art required

ARTS-1103	Technology for Graphics
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**B.S. Degree in Mass Communication
Electronic Media-Interactive Media
56 hours, no minor required**

An OC graduate with a Bachelor of Science degree in Mass Communication Electronic Media-Interactive Media will:

1. Have been encouraged to sustain or adopt a Christian worldview characterized by participation in a Christian community.
2. Have been encouraged to balance successfully career, family, church and community.
3. Be familiar with the appropriate theories of communication.
4. Have developed the appropriate writing styles and skills expected by future employers or graduate programs.
5. Have an understanding of the fundamentals or research and be able to interpret research findings.
6. Understand the ethics of communication.
7. Be able successfully to pursue a career in broadcast graphics or broadcast design or in other motion graphic careers.

Degree requirements

1. 15 hours mass communication core courses

COMM-2613	Media and Society
COMM-4631	Senior Seminar in Communication
COMM-4713	Media Law
COMM-4723	Media Ethics

Five hours experience-

You must take COMM-1371 or COMM-1381 each semester after completing COMM-1211. After satisfying the major requirement, additional workshop hours will count toward the 126 hours required for the degree. Internships may be substituted for two of these hours.

2. 29 hours interactive media courses required

COMM-1211	Introduction to Electronic Media
COMM-2643	Media Production
COMM-2723	Scriptwriting
COMM-3633	Audio for Media
COMM-3653	Television Field Production
COMM-3703	Computer Graphics for Broadcast
COMM-3723	Interviewing
COMM-3733	Media Marketing and Sales
COMM-4101	Interactive Media Workshop
COMM-4513	Administrative Aspects of Electronic Media
COMM-4813	Producing the News

3. 12 hours arts required

ARTS-1103	Technology for Graphics
ARTS-2243	Interactive Media Design I
ARTS-2743	3D Modeling and Animation I
ARTS-3173	3D Modeling and Animation II

**B.S. Degree in Mass Communication-Public Relations
60 hours, no minor required**

An OC graduate with a Bachelor of Science degree in Mass Communication-Public Relations will:

1. Have been encouraged to sustain or adopt a Christian worldview characterized by participation in a Christian community.
2. Have been encouraged to balance successfully career, family, church and community.
3. Be familiar with the appropriate theories of communication.
4. Have developed the appropriate writing styles and skills expected by future employers or graduate programs.
5. Have an understanding of the fundamentals or research and be able to interpret research findings.
6. Understand the ethics of communication.
7. Be able successfully to pursue a master's degree in business or public relations, or to pursue a career in public relations, corporate communications or a communications-related profession in an agency, firm, corporation, non-profit, sports franchise, or other organizational environment.

Degree requirements

1. 10 hours mass communication core courses

COMM-2613	Media and Society
COMM-4631	Senior Seminar in Communication
COMM-4713	Media Law
COMM-4723	Media Ethics

Five hours experience: You must choose from COMM-1211, 1341, 1351, 1371, or 1381.

An internship may be substituted for one of these hours.

2. 36 hours public relations required

COMM-2113	Media Writing
COMM-2413	Photographic Principles and Practices
COMM-2643	Media Production
COMM-2813	Advertising Principles
COMM-2823	Public Relation Principles
COMM-2833	Reporting
COMM-3113	Business and Professional Communication
COMM-3343	Advertising Copywriting
COMM-3543	Public Relation Case Studies
COMM-3723	Interviewing
COMM-3733	Media Marketing and Sales
COMM-3743	Public Relation Methods

3. 9 hours chosen from
- | | |
|-----------|---------------------------------|
| MGMT-3113 | Principles of Management |
| MKTG-3313 | Principles of Marketing |
| MKTG-3513 | E-Commerce and Online Marketing |
| MKTG-4413 | Consumer Behavior |
| MKTG-4513 | Marketing Research |

B.S. Degree Journalism
39 hours, minor required

An OC graduate with a Bachelor of Science degree in Journalism will:

1. Have been encouraged to sustain or adopt a Christian worldview characterized by participation in a Christian community.
2. Have been encouraged to successfully balance career, family, church and community.
3. Be familiar with appropriate theories of mass communication.
4. Have developed the appropriate writing styles and skills expected by future employers.
5. Have an understanding of the fundamentals of research and be able to interpret research findings.
6. Understand the ethics of communication.
7. Be successfully able to pursue a career in the converged world of journalism as a reporter, producer, or editor characterized by the ability to acquire, process, and distribute newsworthy stories in formats appropriate for print, broadcast or web and within the US legal and regulatory framework.

Degree requirements

1. 15 hours mass communication core courses

COMM-2613	Media and Society
COMM-4631	Senior Seminar in Communication
COMM-4713	Media Law
COMM-4723	Media Ethics

 Five hours of experience-Select news workshops based on interest: broadcast or print.
 An internship may substitute for one of these hours.
2. 15 hours journalism core courses

COMM-2113	Media Writing
COMM 2643	Media Production
COMM-2833	Reporting
COMM-3453	Electronic News Writing
COMM-3723	Interviewing
3. 3 hours journalism required

COMM-3823	Feature Writing
	or
COMM-4123	Electronic News Producing
4. 3 hours chosen from

COMM-2413	Photographic Principles and Practices
COMM-2213	Voice and Articulation
5. 3 hours chosen from either

A. Advanced Production	
COMM-3653	TV Field Production
B. Advanced Writing-chosen from	
ENGL-3493	Technical Writing
ENGL-3523	Creative Writing I
ENGL-3533	Creative Writing II
ENGL-3813	Individualized Writing

A minor must be chosen from one of the following specialty areas:
 A. Accounting

- | |
|--|
| B. Business |
| C. Education |
| D. Information science |
| E. Media Production-for all wanting a broadcast emphasis |
| F. Physical science |
| G. Political science |

B.S. Degree in Organizational Communication
47 hours, no minor required

This degree is designed to be a concentrated study of the role of communication in a wide variety of organizations, including businesses, churches, and voluntary agencies. Courses are designed to educate the student to help organizations meet their goals and objectives through improved communication.

An OC graduate with a Bachelor of Science degree in Organizational Communication will:

1. Have been encouraged to sustain or adopt a Christian worldview characterized by participation in a Christian community.
2. Have been encouraged to balance successfully career, family, church and community.
3. Be familiar with the appropriate theories of communication.
4. Have developed the appropriate writing styles and skills expected by future employers or graduate programs.
5. Have an understanding of the fundamentals or research and be able to interpret research findings.
6. Understand the ethics of communication.
7. Be able successfully to pursue a master's degree in business or communication, or to pursue a career in a communication-related profession in a firm, corporation, non-profit, or other organizational environment.

Degree requirements

1. 13 hours communication core courses

COMM-2513	Communication Theory
COMM-4113	Persuasion
COMM-4631	Senior Seminar in Communication
COMM-4733	Communication Ethics

 3 hours experience appropriate to major.
2. 24 hours organizational communication

COMM-2113	Media Writing
COMM-2643	Media Production
COMM-2823	Public Relations Principles
COMM-3113	Business and Professional Communication
COMM-3323	Organizational Communication
COMM-3333	Group Communication
COMM-3343	Advertising Copywriting
COMM-3723	Interviewing
3. 7 hours business required

BUSA-1211	Introduction to Business
MGMT-3113	Principles of Management
MGMT-4313	Organizational Behavior
4. 3 hours mathematics required

MATH-2913	Statistical Methods
	or
Three hours of other statistics	

*In the core curriculum, the student must take PSYC-1113-General Psychology, a prerequisite for MGMT-4313-Organizational Behavior to fulfill the Behavioral Science requirement and MATH-1213-College Algebra to fulfill the mathematics requirement.

B.S. Degree in Theater Performance

43 hours, minor required

This degree prepares the student for graduate studies in theater by providing education in performance, dramatic literature, theater history, movement, design, and directing. Those interested in teaching drama may pursue teaching certification at the graduate level after completing the undergraduate theater performance degree.

An OC graduate with a Bachelor of Science degree in Theater Performance will:

1. Have been encouraged to sustain or adopt a Christian worldview characterized by participation in a Christian community. Have been encouraged to balance successfully career, family, church and community.
3. Be familiar with the appropriate theories of communication.
4. Have developed the appropriate writing styles and skills expected by future employers or graduate programs.
5. Have an understanding of the fundamentals or research and be able to interpret research findings.
6. Understand the ethics of communication.
7. The student will be able to pursue successfully graduate studies in theater performance or theater education.

Degree requirements

1. 13 hours communication core
 - COMM-2513 Communication Theory
 - COMM-3123 Oral Interpretation
 - COMM-4631 Senior Seminar in Communication
 - COMM-4733 Communication Ethics3 hours experience appropriate to emphasis
2. 21 hours theater performance required
 - COMM-1411 Introduction to Play Production
 - COMM-1412 Movement and Choreography for the Stage
 - COMM 2213 Voice and Articulation
 - COMM-2223 Stagecraft for Theater and Television
 - COMM-2313 Acting I
 - COMM-3133 Costume and Makeup
 - COMM-3203 Acting Styles
 - COMM-3213 Stage Directing
3. 3 hours chosen from
 - COMM-2023 History of the Theater
 - COMM-2033 History of the Theater II
4. 3 hours chosen from
 - COMM-4103 Modern Drama
 - ENGL-4103 Studies in Shakespeare
5. 3 hours chosen from
 - COMM-3223 Theater Design
 - COMM-4213 Performance Conventions: Religious Drama
 - COMM-4223 Performance Conventions: Experimental Theater

Two courses in the same foreign language are recommended.

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

HISTORY

B.A. Degree in History

39 hours, minor required

An OC graduate with a Bachelor of Arts degree in History will:

1. Demonstrate an understanding of the nature of history and knowledge of basic research techniques, the use of documents and the handling of evidence, as part of a Christian worldview.
2. Demonstrate analytical and critical thinking through effective communication of independent research.
3. Demonstrate knowledge of the fundamentals of American, European, and public history.
4. Be able to apply Christian ethics to life situations, as a leader in the home, community and church.
5. Have an increased understanding of people of different cultures, times and places.

Degree requirements

1. 6 hours Western Civilization
 - HIST-2923 Perspectives in Western Civilizationand any European history course
 2. 6 hours American history
 - HIST-2213 History of the U.S. to 1877
 - HIST-2223 History of the U.S. since 1877
 3. 6 hours research courses; both must be passed with a grade of C or better.
 - HIST-2123 Introduction to Historical Research
 - HIST-4733 Senior History Seminar
 4. 3 hours public history
 - HIST 2723 Introduction to Public History
 5. A minimum of 15 hours 3000/4000 level courses
 6. 3 hours history electives
- Two courses in the same foreign language (minimum total — 6 hours)

B.A. Degree in History/Pre-Law

60 hours, no minor required

The B.A. in History/Pre-Law has the same requirements as the B.S. in History/Pre-Law (below), but the B.A. requires two courses in the same foreign language (minimum total — 6 hours).

B.S. Degree in History/Pre-Law

60 hours, no minor required

The B.S. in History/Pre-Law combines work in history, political science, economics, and literature to prepare the student for a variety of career opportunities and graduate studies. This degree is designed as preparation for careers in public administration, civil service, or foreign service, typically after taking an appropriate graduate degree. It also provides a good background for graduate work in the areas studied and is an excellent preparation for law school.

An OC graduate with a Bachelor of Science degree in History/Pre-Law will:

1. Be familiar with law school pedagogy and course work.
2. Demonstrate an understanding of the nature of history and knowledge of basic research techniques, the use of documents, and the handling of evidence, as part of a Christian worldview.
3. Demonstrate analytical and critical thinking through effective communication of independent research.
4. Demonstrate knowledge of the fundamentals of American and

European history.

5. Be able to apply Christian ethics to life situations, as a leader in the home, community, and church.

Degree requirements

1. 36 hours history
 - A. 6 hours Western Civilization
 - HIST-2923 Perspectives in Western Civilization and any European history course
 - B. 6 hours American history
 - HIST-2213 History of the U.S. to 1877
 - HIST-2223 History of the U.S. since 1877
 - C. 6 hours research courses; both must be passed with a grade of C or better.
 - HIST-2123 Introduction to Historical Research
 - HIST-4733 Senior History Seminar
 - D. A minimum of 15 hours 3000/4000 level courses. It is recommended that these include both American and European history courses.
 - E. 3 hours history electives/2000 level or higher
2. 6 hours business chosen from
 - ACCT-2113 Accounting Principles I
 - BUSA-4213 Business Law
 - ECON-2113 Macroeconomics
 - ECON-2213 Microeconomics

Students choosing one of the economics classes will be exempt from POLS-1213, American Political Economy, a core curriculum requirement.

3. 18 hours - Option A or Option B.

Option A

- A. 9 hours political science
 - POLS-2113 Introduction to American Politics
 - POLS-3313 Legal and Legislative Analysis
 - POLS-4113 Constitutional Law

- B. 3 hours political science chosen from
 - POLS-3413 The Presidency and Congress
 - POLS-3613 Political Parties and Interest Groups
 - POLS-3713 State and Local Politics

- C. 6 hours political science electives 2000 level or higher

Option B

- A. 9 hours political science
 - POLS-2113 Introduction to American Politics
 - POLS-3313 Legal and Legislative Analysis
 - POLS-4113 Constitutional Law

- B. 9 hours literature in courses above ENGL-2213

POLITICAL SCIENCE

B.S. Degree in Political Science

45 hours, minor required

The degree provides an academic program for those students interested in learning about the institutions, laws, and public policies of local, national, and global governance. It encompasses a broad theoretical and substantive survey of governance institutions, laws and public policies. Students will be prepared for entry-level public service careers, law school, and many graduate programs in public policy, political science, public administration, and political management.

An OC graduate with a Bachelor of Science degree in Political

Science will:

1. Be familiar with law school pedagogy and course work.
2. Demonstrate analytical and critical thinking through effective written and oral communication.
3. Be able to apply Christian ethics to life situations, as a leader in the home, community and church.
4. Demonstrate an understanding of the nature of political science and knowledge of basic social science research techniques, as part of Christian worldview.

Degree requirements

1. 12 hours survey courses
 - POLS-2113 Introduction to American Politics
 - POLS-2213 Introduction to Global Politics
 - POLS-2413 Comparative Politics
 - ECON-2113 Macroeconomics

Note: Majors are exempt from the POLS-1213 core curriculum requirement after completing ECON-2113.

2. 3 hours legal studies
 - POLS-3313 Legal and Legislative Analysis or
 - POLS-4113 Constitutional Law
3. 9 hours 3000/4000 level global or comparative politics
4. 9 hours 3000-4000 level American politics
5. 6 hours research courses
 - POLS-2313 Research Skills in Political Science
 - POLS-4713 Political Science Seminar(Both courses must be passed with a grade of C or better.)
6. 6 hours of elective political science excluding POLS-1213. May include an internship.

SOCIAL STUDIES EDUCATION

B.S.E. Degree in Social Studies

45 hours, minor required

This degree is designed as preparation for those who plan to obtain a certificate to teach social studies in grades 9-12. The state of Oklahoma requires teacher education to be competency based; thus, this degree aims at providing students with the knowledge and skills to achieve competency in the various social studies. The program requires a minimum total of 45 hours distributed among all of the following fields: American history, world history, historical research, Oklahoma history, government, sociology, economics, and geography. Historical research is not a teaching area, but 6 hours are required for the degree. The student must meet all of the requirements for the B.S.E. as well as secondary education professional hours (see page 76-78).

An OC graduate with a Bachelor of Science in Social Studies Education will:

1. Have a broad knowledge of the fundamentals of the social studies, including American and world history, political science, economics, sociology and geography.
2. Demonstrate an understanding of the nature of history and knowledge of basic research techniques, the use of documents and the handling of evidence, as part of a Christian worldview.
3. Demonstrate analytical and critical thinking through effective communication of independent research.
4. Understand and employ principles of effective teaching.
5. See teaching as an opportunity for Christian service as well as a

vocation.

Degree requirements

1. 12 hours American history
 - A. 6 hours required
 - HIST-2213 History of the U.S. to 1877
 - HIST-2223 History of the U.S. since 1877
 - B. 6 hours 3000/4000 level American history courses
 - HIST-4013 American Revolutionary and Early National Eras is highly recommended
2. 9 hours world history
 - A. 3 hours required
 - HIST-2923 Perspectives in Western Civilization
 - B. 6 hours other world history, of which 3 hours must be 3000/4000 level courses; HIST-2613-The Modern Middle East is highly recommended.
3. 6 hours historical research; both must be passed with a grade of C or better.
 - HIST-2123 Introduction to Historical Research
 - HIST-4733 Senior History Seminar
4. 6 hours geography chosen from
 - GEOG-2113 Elements of Human Geography or
 - GEOG-2313 Physical Geography and
 - GEOG-2213 World Regional Geography
5. 3 hours economics
 - ECON-2113 Macroeconomic Principles
6. 3 hours American government
 - POLS-2113 Introduction to American Politics
7. 3 hours sociology
 - SOCI-1113 Perspectives in Sociology
8. 3 hours Oklahoma history
 - HIST-2313 Oklahoma History

Fulfillment of foreign language competency is required of all social studies education majors.

Also, students should choose Physical Science (Option I) to meet their science requirement in the core.

DEPARTMENT OF INTERDISCIPLINARY STUDIES

This degree program is designed for the highly motivated student who is seeking insight in several areas of knowledge rather than a deep insight into only one. An interdisciplinary curriculum, including such areas as the social, religious, political, and scientific, will aid the student in understanding contemporary American culture and his or her place in it. This degree program also serves the student who wishes to craft a program of studies from existing courses and majors in order to lay a foundation for a specific career or professional goal not addressed by other OC majors. For example, a student interested in operating a music production studio may propose an academic plan combining courses from the business, music, and communication departments.

Each student will design a program with the aid of an advisor and submit the program proposal to the department of interdisciplinary studies for approval. The program must be approved by the interdisciplinary studies committee, composed of the student's advisor, the chair of the department of interdisciplinary studies, and the Registrar. Usually, the program is submitted during the

sophomore year. It must meet the following requirements:

B.A. Degree in Interdisciplinary Studies 60 hours, no minor required

Degree requirements

1. 60 hours, 39 of which must be 3000/4000 level courses
2. Courses are to be divided among three areas, at least one of which must be in the humanities (such as art, Bible, history, literature, music or speech). Minimum 9 hours of 3000/4000 level classes in each area.
3. A student must declare a major in Interdisciplinary studies before reaching 96 hours.
4. 2 courses in the same foreign language, minimum total 6 hours.

B.S. Degree in Interdisciplinary Studies 60 hours, no minor required

The B.S. in Interdisciplinary Studies has the same requirements as the B.A. in Interdisciplinary Studies (above), but the B.S. does not require a foreign language.

B.A. Degree in Performing Arts Management 42 hours, minor required

The Performing Arts Management major at OC will introduce students to the fundamentals of managing, marketing and fundraising for community arts organizations. Students can tailor their degree program to pursue a particular artistic interest or capitalize on existing talents and skills.

An OC graduate with a Bachelor of Arts degree in Performing Arts Management will demonstrate:

1. Critically minded, ethical management skills.
2. Entrepreneurial self-initiative, especially towards the creation of arts based projects.
3. An understanding of community engagement and promotional strategies.
4. Basic skills in a foreign language.
5. Elementary application of consumer analysis.
6. Comprehensive understanding of artistic principles and performance.

Degree Requirements

1. 12 hours common core
 - COMM-2823 Public Relations Principles
 - MGMT-3133 Principles of Management
 - ENGL-3493 Technical Writing
 - MKTG-3313 Principles of Marketing
2. 6 hours restricted electives
 - COMM-3113 Business and Professional Communication
 - COMM-3543 Public Relations Case Studies
 - MGMT-3323 Entrepreneurship and Small Business Management
 - MGMT-3533 Issues in Management
 - MKTG-3413 Consumer Behavior
 - MKTG-4313 Promotional Strategies
3. 18 hours concentration area
 - Choose 18 hours in one area as approved by your advisor.
4. 6 hours foreign language
 - Take 6 hours of Spanish, Japanese, French, or German

DEPARTMENT OF LANGUAGE AND LITERATURE

ENGLISH

B.A. Degree in English **42 hours, minor required**

The English major must meet all the general requirements for the B.A. degree. The major consists of 42 hours of English beyond freshman English composition.

An OC graduate with a Bachelor of Arts degree in English will demonstrate:

1. Critical thinking skills.
2. Clear, correct, and effective communication in English.
3. Comprehension, interpretation, and evaluation of texts, including critical works and works of British, American, and World Literature in their cultural and historical context, with the use of various theoretical methodologies.
4. Basic skills in a foreign language.
5. Exploration of and contribution to the world of ideas.
6. Articulation of and engagement in the personal integration of faith and learning.

Degree requirements

1. 30 hours required English
 - A. 6 hours foundation courses
 - ENGL-3013 Literary Criticism
 - ENGL-4213 Studies in Shakespeare
 - B. 9 hours English literature
 - ENGL-3153 English Literature Survey I, 680-1600
 - ENGL-3253 English Literature Survey II, 1600-1780
 - ENGL-3353 English Literature Survey III, 1780-Present
 - C. 9 hours American literature
 - ENGL-3673 American Literature Survey I, Before 1865
 - ENGL-3773 American Literature Survey II, 1865-1914
 - ENGL-3873 American Literature Survey III, 1914-Present
 - D. 6 hours World Literature
 - ENGL-3123 World Literature, Classical to Renaissance
 - ENGL-3133 World Literature Renaissance to Modern
 2. 9 hours English electives -3000-level or above
 3. 3 hours Senior Seminar
 - ENGL-4733 Senior Capstone
- Two courses in the same foreign language
(minimum total — 6 hours)

Pre-Law Emphasis

The course requirements for the English Pre-Law emphasis are the same as for the regular B.A. in English. However, students should consult with their advisors to determine which courses will best support the pre-law emphasis.

B.A. Degree in English/Teaching English as a Foreign Language (TEFL) **42 hours, minor required**

The B.A. Degree in English/TEFL is designed for students with an interest in teaching English as a foreign language either abroad or domestically. It also serves as preparation for graduate study in ESL.

An OC graduate with a Bachelor of Arts degree in English/Teaching

English as a Foreign Language will:

1. Demonstrate competence in teaching English as a foreign language either abroad or domestically.
2. Demonstrate comprehension of linguistics, grammar, intercultural communication, language learning theory, and teaching methodology.
3. Demonstrate the ability to think, read, and write critically, especially on issues related to language, learning, and teaching.
4. Demonstrate an awareness of and appreciation for the diversities among people around the world.
5. Engage in and articulate a personal integration of faith and learning.

Degree requirements

1. 15 hours specialized TEFL
 - ENGL-3313 Introduction to Linguistics
 - ENGL-3713 Structure of the English Language
 - ENGL-4713 Methods of TEFL
 - ENGL-4633 Intercultural Communication I
 - ENGL-4863 TEFL Student Teaching Practicum
2. 21 hours in other English and related courses
 - A. 9-12 hours literature taught in English
 - B. 3 hours literary criticism
 - ENGL-3013 Literary Criticism
 - C. 3 hours Senior Seminar
 - ENGL-4733 Senior Seminar
 - D. 6-9 hours chosen from the following
 - ENGL-1331 TEFL Experience
 - ENGL-3493 Technical Writing
 - GEOG-2113 Elements of Human Geography
 - GEOG-2213 World Political Geography
 - HIST-2513 English History to 1603
 - HIST-2523 English History Since 1603
 - HIST-2923 Perspectives in Western Civilization
 - or
 - HIST-3133 Latin American People
 - or
 - HIST-3143 Civilizations of the Pacific Rim
 - SOCI-3513 World Religions
 - SOCI-3613 Cultural Anthropology
3. Two courses in the same foreign language
(minimum total — 6 hours)

B.A. Degree in English/Writing **42 hours, minor required**

The B.A. degree in English/Writing is designed to develop professional writing skills to prepare graduates for a variety of careers. Since writing well is essential in business and education, and since many graduate and professional schools demand exceptional composition skills, many students will want to combine a major or minor with other professional training.

An OC graduate with a Bachelor of Arts degree in English/Writing will:

1. Think both critically and creatively.
2. Demonstrate the ability to understand, interpret, and evaluate works of literature (from the earliest texts to current bestsellers), as well as his or her own work.
3. Demonstrate competence in various types of writing that prepares him or her for graduate school and/or a job in technical writing,

- editing, creative writing, journalistic writing, countless other types of professional writing.
4. Demonstrate the awareness of the power of words and language and the responsibility that accompanies the ability to use words and language in a positive way.
 5. Demonstrate an awareness of and appreciation for the diversities among people across the globe.
 6. Embrace and articulate personal integration of faith and learning.

Degree requirements

1. 12 hours writing courses
 - A. 6 hours creative writing
 - ENGL-3523 Creative Writing I
 - ENGL-3533 Creative Writing II
 - B. 3 hours individualized writing
 - ENGL-3813 Individualized Writing
 - C. 3 hours technical writing
 - ENGL-3493 Technical Writing
2. 3 hours literary criticism
 - ENGL-3013 Literary Criticism
3. 9-15 hours 3000/4000 level literature courses
4. 6 hours grammar and linguistics
 - ENGL-3313 Introduction to Linguistics
 - ENGL-3713 Structure of the English Language
5. 3-9 hours journalism
 - COMM-2113 Media Writing
 - COMM-3523 Reporting and Editing the News
 - COMM-3823 Feature Writing
6. 3 hours Senior Seminar
 - ENGL-4733 Senior Seminar
7. Two courses in the same foreign language, minimum total — 6 hours

**Students cannot use a course in a major and a minor. If a course that is required in the student's major is also required in his or her minor, a substitute course should be chosen with the help of the student's advisor.

B.S.E. Degree in English Education **40 hours, professional education minor required**

The major is designed for those who plan careers in middle, junior, or senior high school teaching. A student in this degree program must have two advisors, one in English and one in education. The student must meet all the requirements for the Bachelor of Science in Education degree, including: a minor in professional education, and 40 hours in the major beyond freshman composition.

An OC graduate with a Bachelor of Science in Education degree in English will:

1. Through extensive writing, research, presentations, class discussion, and testing demonstrate:
 - a. critical thinking skills,
 - b. clear, correct, and effective communication in English,
 - c. comprehension, interpretation, and evaluation of texts including critical works and works of British, American, and World Literature in their cultural and historical context, with the use of various theoretical methodologies,
 - d. skills in applying the essential concepts of English structure and linguistics,
 - e. basic skills in a foreign language (BSE - two years in high school; BA - 6 hours),
 - f. exploration of and contribution to the world of ideas, and

- g. articulation of and engagement in the personal integration of faith and learning.
2. Show that he or she has acquired competency in a broad general education through study in the liberal arts by successfully completing the university core curriculum and passing the Oklahoma General Education Test (OGET).
3. Demonstrate an in-depth knowledge of English language and literature by achieving a 3.00 GPA in the specified major courses required for certification in English and passing the Oklahoma Subject Area Test (OSAT) in English.
4. Demonstrate that he or she has acquired the knowledge, skills, and dispositions appropriate for initial entry into the profession of teaching by completing a specified curriculum in professional education courses with no grades below a grade of C, passing the Oklahoma Professional Teacher Education Exam (OPTE), and receiving average ratings of Proficient on the Formative and Summative assessments in student teaching.

Degree requirements

1. 36 hours required English
 - A. 6 hours grammar and composition
 - ENGL-3013 Literary Criticism
 - ENGL-3713 Structure of the English Language
 - B. 3 hours linguistics
 - ENGL-3313 Introduction to Linguistics
 - C. 9 hours American literature
 - ENGL-3673 American Literature Survey I, Before 1865
 - ENGL-3773 American Literature Survey II, 1865-1914
 - ENGL-3873 American Literature Survey III, 1914-Present
 - D. 9 hours English literature
 - ENGL-3153 English Literature Survey I, 680-1600
 - ENGL-3253 English Literature Survey II, 1600-1780
 - ENGL-3353 English Literature Survey III, 1780-Present
 - E. 3 hours world literature chosen from
 - ENGL-3123 World Literature, Classical to Renaissance or
 - ENGL-3133 World Literature, Renaissance to Modern
 - F. 3 hours Shakespeare
 - ENGL-4213 Studies in Shakespeare
 - G. 3 hours Senior Seminar
 - ENGL-4733 Senior Seminar
2. 4 hours electives from the following areas
 - A. Speech
 - B. Journalism
 - C. Drama

The student must meet all the requirements for the B.S.E. Degree as well as secondary education professional hours (see page 76-78). Fulfillment of foreign language competency is required of all English education majors.

SPANISH

B.A. Degree in Spanish **30 hours, minor required**

The Spanish major must meet all general requirements for the B.A. degree. The major consists of 30 hours of Spanish beyond Basic Spanish I and II.

An OC graduate with a Bachelor of Arts degree in Spanish will:

1. Demonstrate proficiency in speaking, reading, and writing in the Spanish language to participate in fluid conversations with native

- speakers of Spanish, read and understand prose and poetry in the target language, and write research papers and essays in Spanish.
2. Have an awareness and appreciation of the cultures of Spanish-speaking countries including the customs, religion and general way of life of their own country as it compares with that of Spanish speaking countries and important Hispanic authors, movements and historical events.
 3. Have familiarity with the structure of the Spanish language, including the grammar of their native language as it compares with that of Spanish, and have the ability to use all verb tenses in Spanish interchangeably.
 4. Engage in and articulate a personal integration of faith and learning.

Degree requirements

1. 9 hours literature
 - SPAN-3213 Spanish Literary Readings
 - SPAN-4113 Studies in Spanish Literature
 - SPAN-4213 Studies in Latin American Literature
 2. 3 hours advanced grammar and conversation
 3. 3 hours Hispanic civilization
 - SPAN-3223 Hispanic Civilization
 4. 9 hours Spanish electives
 5. 3 hours Spanish Immersion Lab
 - SPAN-4711 Spanish Immersion Lab
 - This course must be taken three times.
 6. 3 hours Senior Seminar
 - SPAN-4623 Senior Spanish Capstone
- Successful completion of Senior Capstone meets the requirements for all strands of language and Literature majors.
- Two courses in one foreign language other than Spanish (minimum total — 6 hours)

A student majoring in Spanish should work with his or her advisor to select the minor that will be most beneficial. Art, history, international studies, and communication are often beneficial to a Spanish major.

Spanish Proficiency

The necessary courses for Spanish proficiency include those required for the student's preferred degree plus a minimum of 12 hours in Spanish, or the equivalent of courses up through Intermediate Spanish II. Students will be required to participate in a university approved field experience, which will include some sort of immersion into the Spanish language, after taking a minimum of 6 hours in the language. The student must write a one page description of his or her time abroad explaining how he or she will use Spanish and have it approved by the Language and Literature Department PRIOR to departure. In addition, the student must indicate a sponsor who will verify (after the student's return) his/her use of the Spanish language. Practicum requirements may be accomplished by taking part in a spring break or summer mission trip to a Spanish-speaking country. This proficiency is noted on the student's transcript.

DEPARTMENT OF MUSIC

B.A. Degree in Music (With emphasis in voice, piano, or other) 51 hours, no minor required

The B.A. degree in music is for students desiring to study music in a liberal arts curriculum. In the tradition of a liberal arts education, this degree offers preparation for careers and graduate study not only in music, but in many other disciplines.

An OC graduate with a Bachelor of Arts or Bachelor of Music Education degree will:

1. Demonstrate the ability to hear, identify, and work conceptually with the elements of music: rhythm, melody, harmony and structure.
2. Demonstrate an understanding of compositional processes, aesthetic properties of style, and the ways these shape and are shaped by artistic and cultural forces.
3. Demonstrate an acquaintance with a wide selection of musical literature, the principal eras, genres, and cultural sources.
4. Demonstrate the ability to communicate clearly and think independently, critically, and creatively regarding musical judgments.
5. Demonstrate an ability in performing areas appropriate to the student's needs and interests, and the standards of the department, and the ability to perform from a cross-section of that repertory.
6. Demonstrate an ability to sight read.
7. Demonstrate an acquaintance with repertories beyond the area of specialization through attending recitals, concerts, musical theater and opera productions, and other performances.

Degree requirements

1. 11 hours basic theory
 - MUSC-1112 Music Theory I
 - MUSC-1211 Ear Training II
 - MUSC-1212 Music Theory II
 - MUSC-2111 Ear Training III
 - MUSC-2112 Music Theory III
 - MUSC-2211 Ear Training IV
 - MUSC-2212 Music Theory IV
2. 4 hours class piano
 - MUSC-1581 Class Piano I
 - MUSC-1681 Class Piano II
 - MUSC-2581 Class Piano III
 - MUSC-2681 Class Piano IV
3. 9 hours music history
 - MUSC-3323 Music History I
 - MUSC-3333 Music History II
 - MUSC-3343 Music History III
4. 4 hours advanced theory and technique
 - A. 2 hours
 - MUSC-3412 Orchestration
 - B. 2 hours conducting
 - 1. Vocal
 - MUSC-4212 Choral Conducting I
 - 2. Instrumental
 - MUSC-4312 Instrumental Conducting I
5. 3 hours music technology
 - MUSC-3513 Music Education Technology

6. 10 hours applied music selected from vocal and instrumental study with consent of advisor
 7. 5 hours music electives other than ensembles
 8. 4 hours music ensemble (1300 or 1400 level courses)
 9. 1 hour capstone project or recital
MUSC-4001 Senior Recital
or
MUSC-4011 Senior Project
- Two courses in the same foreign language
(minimum total — 6 hours)

B.M.E. Degree in Music **82 hours, no minor required**

The B.M.E. Degree is for students pursuing a teaching career in music.

The student chooses either a vocal or instrumental emphasis. Although a student may complete the vocal or instrumental emphasis B.M.E. degree in four years of study, extending this period will be desirable in most cases. The degree provides the student with the necessary coursework required for the standard teaching certificate as outlined by the Oklahoma State Department of Education.

B.M.E. Degree in Music/Instrumental Emphasis **52 hours, Professional Education minor required**

Degree requirements

1. 11 hours basic theory
 - MUSC-1112 Music Theory I
 - MUSC-1211 Ear Training II
 - MUSC-1212 Music Theory II
 - MUSC-2111 Ear Training III
 - MUSC-2112 Music Theory III
 - MUSC-2211 Ear Training IV
 - MUSC-2212 Music Theory IV
2. 4 hours class piano
 - MUSC-1581 Class Piano I
 - MUSC-1681 Class Piano II
 - MUSC-2581 Class Piano III
 - MUSC-2681 Class Piano IV
3. 9 hours music history
 - MUSC-3323 Music History I
 - MUSC-3333 Music History II
 - MUSC-3343 Music History III
4. 5 hours advanced theory and technology
 - MUSC-3412 Orchestration
 - MUSC-3513 Music Education Technology
5. 8 hours music technique
 - A. 4 hours class instruments
 - MUSC-3121 Class Woodwinds
 - MUSC-3131 Class Brass
 - MUSC-3141 Class Percussion
 - MUSC-3151 Class Strings
 - B. 4 hours conducting
 - MUSC-4312 Instrumental Conducting I
 - MUSC-4322 Instrumental Conducting II
6. 10 hours applied music study
 - A. 8 hours major performance instrument
 - B. 1 hour secondary instrument
 - C. 1 hour voice
7. 4 hours music ensemble, 1300-1400 level courses

8. 1 hour capstone project or recital
MUSC-4001 Senior Recital
or
MUSC-4011 Senior Project
9. 23 hours professional education minor
 - EDUC-3121 Orientation to Teacher Education
 - EDUC-3122 The School in American Culture
 - EDUC-3213 Learning, Instruction and Assessment
 - EDUC-3723 Education of the Exceptional Child
 - EDUC-4013 Human Relations and Behavior Management
 - EDUC-4131 Applied Instructional and Assessment Strategies
 - EDUC-4132 Critical Issues in Education
 - EDUC-4818 Student Teaching in the Elementary and Secondary Schools
10. 7 additional semester hours
 - EDUC-4422 Elementary Music Methods
 - EDUC-4432 Secondary Instrumental Music Methods
 - PSYC-3523 Developmental Psychology
11. Fulfillment of competency in a foreign language

B.M.E. Degree in Music/Vocal Emphasis **53 hours, Professional Education minor required**

Degree requirements

1. 11 hours basic theory
 - MUSC-1112 Music Theory I
 - MUSC-1211 Ear Training II
 - MUSC-1212 Music Theory II
 - MUSC-2111 Ear Training III
 - MUSC-2112 Music Theory III
 - MUSC-2211 Ear Training IV
 - MUSC-2212 Music Theory IV
2. 4 hours class piano
 - MUSC-1581 Class Piano I
 - MUSC-1681 Class Piano II
 - MUSC-2581 Class Piano III
 - MUSC-2681 Class Piano IV
3. 9 hours music history
 - MUSC-3323 Music History I
 - MUSC-3333 Music History II
 - MUSC-3343 Music History III
4. 5 hours advanced theory and technology
 - MUSC-3412 Orchestration
 - MUSC-3513 Music Education Technology
5. 10 hours music technique
 - MUSC-2512 Diction I: English and Italian
 - MUSC-2522 Diction II: French and German
 - MUSC-3452 Vocal Pedagogy
 - MUSC-4212 Choral Conducting I
 - MUSC-4222 Choral Conducting II
6. 9 hours applied music study
 - A. 1 hour piano
 - B. 8 hours voice
7. 4 hours music ensemble (1300-1400 level courses)
8. 1 hour capstone project or recital
MUSC-4001 Senior Recital
or
MUSC-4011 Senior Project
9. 23 hours professional education minor
 - EDUC-3121 Orientation to Teacher Education
 - EDUC-3122 The School in American Culture

EDUC-3213	Learning, Instruction and Assessment
EDUC-3723	Education of the Exceptional Child
EDUC-4013	Human Relations and Behavior Management
EDUC-4131	Applied Instructional and Assessment Strategies
EDUC-4132	Critical Issues in Education
EDUC-4818	Student Teaching in the Elementary and Secondary Schools

10. 7 additional semester hours

EDUC-4422	Elementary Music Methods
EDUC-4442	Secondary Vocal Music Methods
PSYC-3523	Developmental Psychology

11. Fulfillment of competency in a foreign language

Special Requirements for all Music Majors:

1. All prospective music majors must take placement exams in music fundamentals and piano. Credit may be earned for AP tests or previous study if their skills meet departmental expectations.
2. All prospective music majors must audition in their major performance area during their second semester for official acceptance into a music degree program.
3. All music majors must enroll in MUSC-1000, Recital Attendance, each semester. A minimum grade of C must be earned in at least 6 of those semesters.
4. All music majors are required to audition for at least one approved ensemble each semester. Only four hours of credit will apply toward the degree program. The faculty may direct pianists to substitute accompanying for ensemble experience.
5. As a graduation requirement, students must pass the two sections of the Piano Proficiency Exam as described in departmental publications. The Repertoire section is given as the final exam for MUSC-2581, and the Functional Skills section is the final exam for MUSC-2681. Music majors should continue to enroll in class piano or applied piano each semester until the exam is success fully completed.
6. No music major will be permitted to participate in commencement exercises without having:
 - a. Passed the Piano Proficiency Exam.
 - b. Completed all requirements for the senior recital/senior project, MUSC-4001/4011. Each music major should consult the music department chair regarding the cut-off date after which the student will forfeit the opportunity to participate in upcoming commencement exercises should the stated requirements not yet be completed.

DEPARTMENT OF NURSING

An OC graduate with a Bachelor of Science degree in Nursing will:

1. Exemplify Christian principles of compassion, service, integrity and respect for the well-being of clients, peers and self.
2. Synthesize critical thinking skills for professional nursing practice.
3. Communicate clearly, effectively, and appropriately with clients and other health care providers to promote positive client outcomes.
4. Provide appropriate and safe nursing care (clinically competent) to clients.
5. Demonstrate a leadership style consistent with academic preparation while adhering to the standards of the nursing profession.
6. Provide nursing care based on knowledge and appreciation of unique cultural variations.

ADMISSION TO THE NURSING PROGRAM

In addition to meeting the criteria for admission to OC, you must meet the following requirements:

- a minimum GPA of 2.75 (GPA will increase to 2.90 for Fall 2012.)
- three letters of recommendation
- achievement testing
- federal background check and drug screening
- TOEFL score of 500+ for international students

Students who have been convicted of a crime, other than a minor traffic violation, could be ineligible for admission to the university or for licensure in the state of Oklahoma. Contact the nursing office for further information.

Transfer Students

Students transferring from other colleges and universities are accepted on a competitive basis. A conference with the Office of the Registrar and the Nursing Department is required. An individual curriculum plan will be developed for transfer students.

[See the Nursing Handbook for a complete description of requirements, fees, and information on advanced placement.](#)

B.S.N. Degree in Nursing 92 hours, no minor required

Degree requirements

1. 20 hours science

BIOL-2013	General Biology I
BIOL-2033	Nutrition
BIOL-2523	Anatomy and Physiology I
BIOL-2623	Anatomy and Physiology II
BIOL-2624	Principles of Microbiology
CHEM-1104	Introduction to Chemistry I
2. 6 hours mathematics

MATH-1213	College Algebra
MATH-2913	Statistical Methods
3. 6 hours psychology

PSYC-1113	General Psychology
PSYC-3523	Developmental Psychology
4. 60 hours nursing

NURS-1011	Introduction to Nursing
NURS-2003	Health Assessment
NURS-2013	Fundamentals of Nursing
NURS-2033	Pharmacology
NURS-3013	Pathophysiology
NURS-3014	Mental Health Nursing
NURS-3015	Adult Nursing I
NURS-3024	Maternal-Infant Nursing
NURS-3025	Adult Nursing II
NURS-3034	Health Care Missions and Christian Service
NURS-4005	Community Health Nursing
NURS-4011	Capstone in Nursing
NURS-4015	Child and Family Health Nursing
NURS-4022	Issues and Trends in Nursing
NURS-4024	Leadership and Management in Nursing
NURS-4025	Adult Nursing III
NURS-4033	Nursing Research

**After admittance into the nursing program, a student must maintain a cumulative 2.75 GPA and a 2.75 major GPA.

(Maintenance of a cumulative 2.90 GPA and a 2.90 major GPA will be required beginning in Fall 2012.) For more information refer to the Nursing Student Handbook on Nursing Central.

Graduation with a BSN in Nursing does not guarantee licensure. Students must pass the NCLEX-RN to earn license.

DEPARTMENT OF PSYCHOLOGY AND FAMILY STUDIES

FAMILY STUDIES

B.S. Degree in Family Studies

57 hours, no minor required

The B.S. Degree in Family Studies is a pre-professional degree that emphasizes preparation for graduate school. Students who wish to pursue advanced degrees, either the master's or doctorate, are encouraged to pursue this degree rather than the B.S. Degree in Family Studies/Child Development. With the growth of marriage and family graduate school programs and the increasing influence of systems theory in psychology, the need to prepare students for study as marriage and family counselors is increasing.

An OC graduate with a Bachelor of Science degree in Family Studies will:

1. Demonstrate knowledge of the dynamic nature of the family and of the conceptual framework on which current family relations theories are based.
2. Exhibit professional development in the research field by presenting an experimental research project at a state level conference.
3. Demonstrate a knowledge of various cultures and family structure types in our society.
4. Demonstrate knowledge of career opportunities applicable to Family Studies majors on the bachelor and graduate degree levels.
5. Have GRE scores adequate for admission to most regional universities.
6. Gain admission to a graduate school commensurate to GPA and GRE scores.
7. Demonstrate spiritual development and service to the church.
8. Develop an international perspective that encourages appreciation of individual differences.

Degree requirements

1. 36 hours Family Studies

A. 24 hours

FMST-1113	Introduction to Family Studies
FMST-2423	Parent-Child Relations
FMST-3523	Human Sexuality
FMST-3933	Cybernetics and Systems Theory
FMST-4123	Divorce and Stepfamily Relationships
FMST-4323	Introduction to Marital and Family Therapy
FMST-4653	Research Seminar, must be passed with a grade of C or better
FMST-4713	Family Studies Practicum

B. 3 hours chosen from

FMST-3723	Gerontology
PSYC-3523	Developmental Psychology

C. 3 hours chosen from

FMST-3613	Adolescence and Early Adulthood
FMST-3913	Family Development

D. 6 hours Family Studies electives

2. 21 hours Psychology

A. 15 hours

PSYC-1113	General Psychology I
PSYC-2413	Introductory Statistics
PSYC-3213	Advanced Psychological Statistics
PSYC-3313	Abnormal Psychology
PSYC-4623	Experimental Psychology

B. 6 hours Psychology electives

3. All students completing this degree will be required to take the GRE general test the semester prior to graduating (example: if you plan to graduate in the spring, the test must be taken during the fall semester) and have one copy of the scores sent to OC. The cost of this exam will be the student's responsibility. Note: As of May 2010, the cost for the GRE was \$160.

B.S. Degree in Family Studies/Child Development **48 hours, minor required**

This degree has as its emphasis a strong general education in the field of Family Studies/Child Development and provides students with a broad, general approach to the study of the family. This degree is primarily intended for those students who do not wish to pursue graduate school.

An OC graduate with a Bachelor of Arts degree in Family Studies/Child Development will:

1. Demonstrate knowledge of the dynamic nature of the family and of the conceptual framework on which current family relations theories are based.
2. Gain approval as a Certified Family Life Educator (CFLE).
3. Demonstrate a knowledge of various cultures and family structure types in our society.
4. Demonstrate knowledge of career opportunities applicable to Family Studies majors on the bachelor's level.
5. Demonstrate spiritual development and service to the church.
6. Develop an international perspective that encourages tolerance and appreciation of individual differences.

Degree requirements

1. 36 hours Family Studies

A. 30 hours

BIBL-3453	Personal and Family Finance
COMM-3353	Interpersonal Communication
FMST-1113	Introduction to Family Studies
FMST-2423	Parent-Child Relations
FMST-3513	Child Welfare
FMST-3523	Human Sexuality
FMST-3533	Family Life Education
FMST-4123	Divorce and Stepfamily Relationships
FMST-4713	Family Studies Practicum
FMST-4733	Professional, Ethical and Legal Issues

B. 6 hours Family Studies electives

2. 12 hours in Child Development chosen from

CHDV-3013	Nature and Characteristics of the Preschool and Primary Age Child
CHDV-4023	Topics in Early Childhood
FMST-3613	Adolescence and Early Adulthood
FMST-3723	Gerontology
FMST-3913	Family Development
PSYC-3523	Developmental Psychology

A minor in psychology is highly recommended.

PSYCHOLOGY

B.A. Degree in Psychology **43 hours, minor required**

The B.A. Degree in Psychology emphasizes a strong general education in the field of psychology for students who may not want to go on for graduate work. The department recognizes that graduate school is not for everyone and also recognizes the value of having a general liberal arts degree. Enough preparatory classes are required in the B.A. degree that if a student later decides to seek admission into a graduate school, only a small number of leveling courses will typically be required.

An OC graduate with a Bachelor of Arts degree in Psychology will:

1. Demonstrate familiarity with the vocabulary of the systems of psychology.
2. Develop basic literature review skills and writing skills necessary to gain admission into graduate school.
3. Become involved in some form of community service.
4. Have GRE scores adequate for admission to most regional universities.
5. Demonstrate spiritual development and service to the church.

Degree requirements

1. 43 hours psychology
 - A. 28 hours
 - PSYC-1113 General Psychology I
 - PSYC-1211 Introductory Seminar in Psychology
 - PSYC-2223 General Psychology II
 - PSYC-2413 Introductory Psychological Statistics
 - PSYC-3313 Abnormal Psychology
 - PSYC-3413 Social Psychology
 - PSYC-3713 Personality
 - PSYC-4413 Biological Psychology
 - PSYC-4623 Experimental Psychology
 - PSYC-4713 History and Systems in Psychology
 - B. 3 hours chosen from
 - PSYC-3523 Developmental Psychology
 - PSYC-3543 Adult Development and Aging
 - C. 12 hours psychology elective

Two courses in the same foreign language (minimum total — 6 hours).

Note: MATH-1213 College Algebra in the core curriculum is strongly recommended.

B.S. Degree in Psychology **58 hours, no minor required**

The B.S. Degree is a pre-professional degree that emphasizes preparation for graduate school. Students who wish to pursue master's or doctorate degrees are encouraged to pursue the B.S. degree.

An OC graduate with Bachelor of Science degree in Psychology will:

1. Demonstrate analytical and critical thinking through completion of a research project and presenting that project at a state or regional conference.
2. Develop skills in writing in scientific psychology.

3. Gain admission to graduate school commensurate to GPA and GRE scores.
4. Demonstrate familiarity with the vocabulary of the systems of psychology.
5. Demonstrate spiritual development and service to the church.
6. Become involved in some form of community service.

Degree requirements

1. 52 hours psychology
 - A. 34 hours required psychology
 - PSYC-1113 General Psychology I
 - PSYC-1211 Introductory Seminar in Psychology
 - PSYC-2413 Introductory Psychological Statistics
 - PSYC-3213 Advanced Psychological Statistics
 - PSYC-3313 Abnormal Psychology
 - PSYC-3413 Social Psychology
 - PSYC-3713 Personality
 - PSYC-4213 Psychology of Learning
 - PSYC-4413 Biological Psychology
 - PSYC-4623 Experimental Psychology
 - PSYC-4653 Research Seminar
 - PSYC-4713 History and Systems in Psychology
 - B. 3 hours chosen from
 - PSYC-3523 Developmental Psychology
 - PSYC-3723 Adult Development and Aging
 - C. 18 hours Psychology electives
2. 3 hours mathematics
 - MATH-1213 College Algebra
3. All students completing this degree will be required to take the GRE general test the semester prior to graduating (example: if you plan to graduate in the spring then the test must be taken during the fall semester) and have one copy of the scores sent to OC. The cost of this exam will be the student's responsibility.

Note: As of May 2011, the cost for the GRE was \$160.

MINOR REQUIREMENTS

ART & DESIGN

Art Minor

- 21 hours of art
- ARTS-1103 Foundations For Digital Visuals
 - ARTS-1113 Fundamentals of Drawing
 - ARTS-1213 Figure Drawing
 - ARTS-1413 Elements of Visual Thinking
 - ARTS-3113 Printmaking
 - ARTS-2513 Painting I
or
ARTS-3523 Illustration I
and
ARTS-3343 Ancient to Modern Art History
or
ARTS-3353 Contemporary Art

Communication Design Minor

- 21 hours of art
- ARTS-1103 Technology for Graphics
 - ARTS-1413 Elements of Visual Thinking
 - ARTS-2223 Introduction to Communication Design

ARTS-2233	Type as Visual Language
ARTS-2323	Digital Design for Print
ARTS-3243	Graphic Design
ARTS-3263	Advanced Graphic Design

Note: For B.S.E. candidates seeking a teaching minor in art, the addition of ARTS-2013-Introduction to the Visual Arts, which fulfills the fine arts appreciation requirement in the core curriculum, will allow this minor to meet the Oklahoma Provisional Level 1 course requirements.

Interior Design Minor

18 hours interior design

ARTS-1623	Introduction to Interior Design
ARTS-1643	Interior Textiles, Materials and Finishes
ARTS-1653	Computer Aided Design
ARTS-2623	Residential Interior Design
ARTS-2663	Architectural Graphics for Interior Design
ARTS-3533	Historic Interior Design, Antiquity to 1850 or
ARTS-3633	Contemporary Interior Design, 1850 to present

Gaming + Animation Minor

21 hours

ARTS-1103	Technology for Graphics
ARTS-1113	Fundamentals of Drawing
ARTS-1413	Elements of Visual Thinking
ARTS-2223	Introduction to Communication Design
ARTS-2243	Interactive Media Design
ARTS-3153	Digital 3D Modeling and Animation
ARTS-4223	Gaming and Animation Studio

Photography + Video Minor

21 hours required

ARTS-1103	Technology for Graphics
ARTS-1413	Elements of Visual Thinking
ARTS-2403	Digital Photography
ARTS-3363	Photography I
ARTS-3373	Photography II
ARTS-3383	Motion Imagery and
ARTS 4333	Commercial Studio Photography or
COMM-2643	Media Production

BIOLOGY

Biology Minor

18 hours biological sciences

CHEMISTRY AND PHYSICS

Chemistry Minor

18 hours chemistry, including at least six hours numbered 3000 or above.

Physical Sciences Minor

18 hours of any combination of chemistry, engineering science, general science, and physics.
6 hours must be upper division.

COMMUNICATION

Communication Studies Minor

18 hours speech communication with at least 6 hours 3000/4000 level courses. Not more than 3 hours of 1300 courses may count toward the minor. May not include COMM-1213.

Interactive Media Minor

19 hours

ARTS-1103	Technology for Graphics
ARTS-2243	Interactive Media Design
ARTS-2743	Digital 3-D Modeling and Animation I
COMM-1211	Introduction to Electronic Media
COMM-2643	Media Production
COMM-3633	Audio for Media
COMM-3703	Computer Graphics for Broadcast

Mass Communication Minor

18 hours

- 6 hours
 - COMM-2113 Media Writing
 - COMM-2613 Media and Society
- 12 hours in a focused area (journalism, public relations or electronic media) to be worked out with the appropriate advisor.

Media Production Minor

18 hours

- 13 hours required
 - COMM-1211 Introduction to Electronic Media
 - COMM-3343 Advertising Copywriting
 - COMM-3633 Audio for Media
 - COMM-3733 Media Marketing and Sales
 - COMM 4513 Administrative Aspects of Electronic Media
- 2 hours workshop/internship
Take 2 additional hours of workshop or internship or an advanced production course
- 3 hours chosen from
 - ACCT-2113 Accounting Principles I
 - ECON-2113 Macroeconomics

Organizational Communication Minor

18 hours

- 9 hours
 - COMM-3113 Business and Professional Communication
 - COMM-3323 Organizational Communication
 - COMM-3333 Group Communication
- 9 hours chosen from
 - COMM-2113 Media Writing
 - COMM-3723 Interviewing and Listening
 - COMM-4113 Persuasion
 - MGMT-3113 Principles of Management

Theater Performance Minor

18 hours required

- 3 hours required
 - COMM-1411 Introduction to Play Production
 - COMM-1412 Movement and Choreography for the Stage
- 3 hours acting chosen from
 - COMM-2313 Acting I
 - COMM-3203 Acting Styles
- 3 hours chosen from

- COMM-3213 Stage Directing
 COMM-4213 Performance Conventions
4. 9 hours chosen from
 COMM-2023 History of Theater I
 COMM-2033 History of Theater II
 COMM-2213 Voice and Articulation
 COMM-2223 Stagecraft for Theater and Television
 COMM-3123 Oral Interpretation
 COMM-3223 Theater Design
 COMM-4103 Modern Drama
 COMM-4813 Religious and Supernatural Drama

Drama Ministry Minor

18 hours required

1. 2 hours required
 YTMN-4122 Media and Culture

*Students required to complete this course for a major must select another upper division text-based Bible (BIBL) course.

2. 1 hour chosen from
 COMM-4831 Communication Practicum
 COMM-4901 Independent Study in Communication
3. 6 hours theater
 6 hours from Communication Department as approved by advisor.
4. 3 hours Bible chosen from
 BIBL-2203 Biblical Exegesis
 BIBL-3013 Hermeneutics
5. 6 hours Bible chosen from
 BIBL-3002 Genesis to Exodus
 BIBL-3102 I Corinthians
 BIBL-3223 The Pentateuch
 BIBL-3213 Galatians, I and II Thessalonians
 BIBL-3512 Prison Epistles
 BIBL-3613 Job to Song of Solomon
 BIBL-3712 Hebrews

Dramaturgy Minor

18 hours required

1. 6 hours chosen from
 ENGL-4103 Modern Drama
 ENGL-4213 Studies in Shakespeare
 COMM-4813 Special Studies: Dramatic Literature
2. 6 hours theater
 6 hours from Communication Department as approved by advisor.
3. 6 hours English chosen from
 ENGL-3013 Literary Criticism
 ENGL-3123 World Literature 1: Classical to Renaissance
 ENGL-3133 World Literature II: Renaissance to Modern
 ENGL-3153 English Literature Survey I
 ENGL-3253 English Literature Survey II
 ENGL-3523 Creative Writing I

HISTORY AND POLITICAL SCIENCE

History Minor

18 hours history, 9 of which must be 3000/4000 level courses.

Political Science Minor

18 hours

1. 3 hours
 POLS-2113 Introduction to American Politics
2. 6 additional hours Political Science

3. 9 hours of 3000/4000 level Political Science

Social Science Minor

18 hours social science (economics, sociology, geography, history, and political science), under one of two plans:
 Two of the above areas with 9 hours each.

or

Three areas with 6 hours each.

At least 9 hours must be 3000/4000 level courses.

INTERDISCIPLINARY STUDIES

International Studies Minor

18 hours including 9 hours of 3000/4000 level courses. You must participate in an approved Oklahoma Christian study abroad program. Contact Office of International Programs for a list of approved programs.

or

6 hours of the same foreign language

and

12 hours chosen from approved courses.

List of approved courses is available in the International Office.

Military Science Minor

18 hours Military Science with at least 9 hours 3000/4000 level courses. All Military Science classes will be taken at University of Central Oklahoma or University of Oklahoma.

Performing Arts Management Minor

18 hours

1. 12 hours common core
 COMM-2833 Public Relations Principles
 MGMT-3133 Principles of Management
 ENGL-3493 Technical Writing
 MKTG-3513 Principles of Marketing
2. 6 hours Public Relations, Marketing and Management electives chosen from
 COMM-3113 Business and Professional Communication
 COMM-3543 Public Relations Case Studies
 MGMT-3323 Entrepreneurship and Small Business Management
 MGMT-3533 Issues in Management
 MKTG-3413 Consumer Behavior
 MKTG-4313 Promotional Strategies

LANGUAGE AND LITERATURE

English Minor

18 hours English with at least 9 hours of 3000/4000 level courses.

Spanish Minor

18 hours Spanish with at least 9 hours of 3000/4000 level courses.

TEFL Minor

18 hours

1. 15 hours
 ENGL-3313 Introduction to Linguistics
 ENGL-3713 Structure of the English Language
 ENGL-4633 Intercultural Communication I
 ENGL-4713 Methods of TEFL
 ENGL-4863 TEFL Student Teaching Practicum
2. 3 hours chosen from
 ENGL-1331 TEFL Experience
 ENGL-3453 Technical Writing

HIST-3133	Latin American Peoples
HIST-3143	Civilizations of the Pacific Rim
SOCI-3513	World Religions
SOCI-3613	Cultural Anthropology

Writing Minor

18 hours

1. 9 hours

ENGL-3013	Literary Criticism
ENGL-3493	Technical Writing
ENGL-3813	Individualized Writing

2. 9 hours chosen from

COMM-2113	Media Writing
COMM-3523	Reporting and Editing the News
COMM-3823	Feature Writing
ENGL-3313	Introduction to Linguistics
ENGL-3523	Creative Writing I
ENGL-3533	Creative Writing II
ENGL-3713	Structure of the English Language
ENGL-4851	Practicum in Writing/Research and Editing
ENGL-4852	Practicum in Writing/Research and Editing

MUSIC

Music Minor

18 hours

1. 8 hours basic music theory

MUSC-1023	Fundamentals of Music Theory
MUSC-1112	Music Theory I
MUSC-1211	Ear Training II
MUSC-1212	Music Theory II

2. 3 hours music history chosen from

MUSC-3323	Music History I
MUSC-3333	Music History II
MUSC-3343	Music History III

3. 5-7 hours ensemble performance and applied study to be selected from 1300-1500 level courses, at least 2 hours must be applied instruction.

4. 0-2 hours class piano. The following two courses must be taken unless piano skills from pre-college study are deemed sufficient by the piano faculty.

MUSC-1581	Class Piano I
MUSC-1681	Class Piano II

5. Must enroll in MUSC-1000 and earn a grade of C or better at least three semesters.

Child Development Minor

18 hours chosen from the following

CHDV-3013	Nature and Characteristics of the Preschool and Primary Age Child
CHDV-3023	Emergent Literacy
CHDV-4023	Topics in Early Childhood
EDUC-3723	Education of the Exceptional Child
FMST-3113	Parent-Child Relations
FMST-3313	The Family
FMST-3513	Child Welfare
PSYC-3523	Developmental Psychology

Family Studies Minor

18 hours chosen from the following

FMST-1113	Introduction to Family Studies
FMST-3113	Parent-Child Relations
FMST-3313	The Family
FMST-2613	Human Sexual Development
FMST-3723	Adult Development and Aging
FMST-3913	Family Development
FMST-4413	Family Crises and Treatment
PSYC-3523	Developmental Psychology

Psychology Minor

18 hours

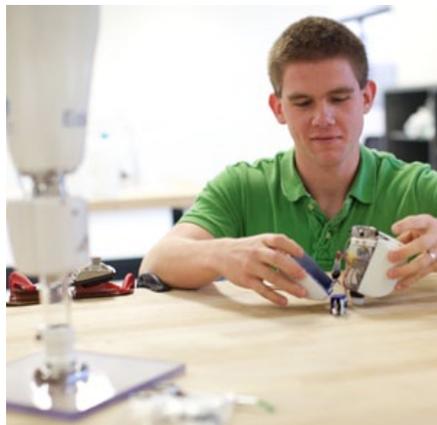
1. 6 hours

PSYC-1113	General Psychology I
PSYC-2223	General Psychology II
	and

2. 12 additional hours psychology to be determined by the student's goals with the approval of the department.

PSYCHOLOGY AND FAMILY STUDIES

COLLEGE OF PROFESSIONAL STUDIES DEGREE REQUIREMENTS



This is an exciting time to be at Oklahoma Christian University. There seem to be no boundaries to knowledge, innovation, and technology. The College of Professional Studies is purposely people driven and focused on achieving excellence. This venture combines the Schools of Business Administration, Education, and Engineering. It incorporates the mission of OC and promotes the values of faith, scholarship, integrity, stewardship, and liberty.

The College of Professional Studies builds on existing strengths – exceptional faculty, integral real-world experience, strong relationships with alumni and the community, a highly technological format for work and study, a uniquely metropolitan area, and more. We maximize our strengths and opportunities and minimize weaknesses and threats. We provide rigorous academic learning opportunities for all students. We graduate leaders of integrity who have an exceptional work ethic and who contribute in significant ways to our community, state, nation, and world.

We are dedicated to character, leadership, innovation, and hard work. We provide a distinctly Christian education that truly enriches the lives of our graduates. We prepare educated problem solvers and equip them to lead in business, teacher education, engineering, mathematics, computer and information sciences. Our ultimate success is measured by the impact we have on internal and external constituents and the region. Our achievements are evidenced through the accomplishments of our graduates, the recognitions and professional accreditations given to our programs, the academic recognition of our faculty, and our commitment to facilitating a genuine learning environment.

AREAS OF STUDY

School of Business Administration

- Accounting (ACCT)
- Business Administration (BUSA)
- Economics (ECON)
- Finance (FINC)
- Information Systems (INFO)
- International Business (INTL)
- Management (MGMT)
- Marketing (MKTG)
- Master of Business Administration (MBA)

School of Education

- Early Childhood Education (ECED)
- Education (EDUC)
- Elementary Education (ELEM)
- Physical Education (PHED)

School of Engineering

Department of Mathematical, Computer, and Information Sciences

- Computer Science (CMSC)
- Information Systems (INFO)
- Mathematics (MATH)

Department of Electrical and Computer Engineering

Computer Engineering (CENG)

Electrical Engineering (ELEC)

Department of Mechanical Engineering

Mechanical Engineering (MECH)

DEGREES OFFERED

School of Business Administration

- B.B.A. Degree in Accounting
- B.B.A. Degree in Accounting/Finance
- B.B.A. Degree in Finance
- B.B.A. Degree in General Business
- B.B.A. International Business
- B.B.A. Degree in Management
- B.B.A. Degree in Marketing Management
- M.B.A. Master of Business Administration Degree

School of Education

- B.S.E. Degree in Early Childhood Education
- B.S.E. Degree in Elementary Education
- B.S. Degree in Sport and Wellness

Secondary (Licensure, Grades 7-12)

- (see respective departments for details)
- B.S.E. Degree in English

B.S.E. Degree in Mathematics

B.S.E. Degree in Science

B.S.E. Degree in Social Studies

Elementary-Secondary (Licensure pk-12)

(see respective departments for details)

B.M.E. Degree in Music

B.S.E. Degree in Physical Education

School of Engineering

Department of Mathematical, Computer, and Information Sciences

- B.S. Degree in Computer Science
- B.S. Degree in Information Systems
- B.S. Degree in Mathematics
- B.S. Degree in Mathematics/Computer Science
- B.S.E. Degree in Mathematics Education

Department of Electrical and Computer Engineering

- B.S.C.E. Degree in Computer Engineering
- B.S.E.E. Degree in Electrical Engineering

Department of Mechanical Engineering

B.S.M.E. Degree in Mechanical Engineering
M.S.E. Master of Science in Engineering Degree

MINORS

School of Business Administration

Accounting
Finance
General Business
International Business
Management Marketing

School of Education

Professional Education

School of Engineering

Department of Mathematical, Computer, and Information Sciences

Computer Science
Information Systems
Mathematics

Department of Engineering

Engineering Minor

FACULTY

Phillip V. Lewis, Ed.D.,
Dean of the College of Professional Studies, Professor of Management

School of Business Administration

Phillip V. Lewis, Ed.D.,
Dean of the College of Professional Studies, Professor of Management

Department of Accounting and Finance

Elaine D. Kelly, M.B.A., C.P.A.,
Department Chair of Accounting/Finance, Associate Professor of Accounting

Mickey Cowan, M.B.A.,

Professor of Accounting

Jody L. Jones, M.B.A., Ed.D.,
(candidate), Assistant Professor of Business and Finance

Kenneth A. Miller, D.B.A.,
Associate Professor of Economics

Daniel Sorensen, M.B.A., D.B.A.
(candidate), Assistant Professor of Accounting

Department of Management and Marketing

Jeffery Simmons, Ph.D.,
Department Chair of Management/Marketing, Associate Professor of marketing

Donald V. Drew, Ed.D.,
Dean, Graduate Programs, Professor of Management

Kimberly Merritt, D.B.A.,
Associate Professor of Information Systems

Joseph Paul, M.B.A., D.B.A.
(candidate), Assistant Professor of Business

Kerianne Roper, D.B.A.,
Associate Professor of Marketing
Burt Smith, Ed.D., C.M.E., C.Q.M.,
Associate Professor of Marketing

School of Education

Teacher Education

Robyn Miller, Ed.D.,
Department Chair, Professor of Education

Dwayne Cleveland, Ed.D.,

Professor of Education

Caren Feuerhelm, Ed.D.,
Associate Professor of Education

Darin Martin, Ed.D.,
Associate Professor of Education

Rhonda Morris, M.S.Ed.,
Assistant Professor of Education

John Vincent, Ed.D.,
Professor of Education

Physical Education

Curtis Janz, M.S.,
Athletic Director, Department Chair of Physical Education, Associate Professor of Physical Education

Max Dobson, Ph.D.,
Professor of Physical Education

Stephanie Findley, M.Ed.,
Associate Professor of Physical Education

Dan Hays, M.S., M.Ed.,
Professor of Physical Education

Randy Heath, M.Ed.,
Professor of Physical Education

School of Engineering Mathematical, Computer, and Information Science

Don Leftwich, M.A.,
Department Chair,
Associate Professor of Mathematics and Computer and Information Sciences

Jennifer Bryan, Ph.D.,
Associate Professor of Mathematics

Ralph DeBoard, M.S.,
Associate Professor of Mathematics and Computer Sciences

T. Ray Hamlett, Ph.D.,
Professor of Mathematics

Andy Harbert, M.S.,
Assistant Professor of Computer and information Sciences

Paul Howard, M.S.
Assistant Professor of Mathematics

Craig Johnson, Ph.D.,
Associate Professor of Mathematics

Monica Muza, M.S., Ph.D.
(candidate), Instructor of Mathematics

Lindsay Prugh, M.S., Ph.D.
(candidate), Instructor of Mathematics

Electrical and Computer Engineering

Jeffrey Bigelow, Ph.D.,
Department Chair, Professor of Electrical and Computer Engineering

Kenneth Bell, M.S.,
Assistant Professor of Electrical and Computer Engineering

Steve Maher, M.S.,
Associate Professor of Electrical and Computer Engineering

Pat Smith, M.S.,
Associate Professor of Electrical and Computer Engineering

David Waldo, Ph.D.,
Professor of Electrical and Computer Engineering

W. Joe Watson, M.S.E.E., P.E.,
Professor of Electrical and Computer Engineering

Mechanical Engineering

Byron Newberry, Ph.D.,
Department Chair, Graduate Engineering and Mechanical Engineering, Professor of Mechanical Engineering

S. David Cassel, Ph.D., P.E.,
Professor of Mechanical Engineering

William Ryan, Ph.D., P.E.,
Professor of Engineering Sciences

Wayne Whaley, Ph.D., P.E.,
Professor of Mechanical Engineering

LOCATION

Classrooms and Faculty Offices

Business

Harvey Business Center

Education

Physical Education

Payne Athletic Center

Teacher Education

Davisson American Heritage Building

Electrical, Computer, and Mechanical Engineering

Prince Engineering Center

Herold Science Hall

Mathematical, Computer, and Information Sciences

Prince Engineering Center

Herold Science Hall

Dean's Office

Harvey Business Center, Room 101

SCHOOL OF BUSINESS

ADMINISTRATION

Upon graduation from OC and the School of Business Administration, students have received a general education in liberal arts, are grounded in the knowledge of business, and have encountered opportunities for integrating learning into a workable framework within the context of the Christian faith consistent with the Word of God.

An OC graduate with a Bachelor of Business Administration degree will demonstrate:

1. Written, oral, and technological communication skills that reflect logic, clarity, and kindness.
2. An ability to think analytically, logically, and creatively in order to utilize a variety of approaches to problem solving.
3. A heightened awareness of values, ethics, and service to others.
4. Knowledge of diversity, opportunity, and complexity within a global society.
5. An understanding of the importance of strategic decisions and their long-term impacts.
6. The development of skills basic to a chosen profession or field of study.
7. An understanding and appreciation of group dynamics and teamwork.
8. The ability to provide leadership for the organizations they choose for careers.

General Information

Requirements for the B.B.A. degree can be divided into three categories:

1. University core curriculum requirements:
All B.B.A. students must satisfy all core curriculum requirements.
2. Business core requirements:
All B.B.A. students must complete the 46 hours of business core classes listed in the following section.
3. Specialized or minor requirements:
Students majoring in Accounting, Finance, International Business, Management, and Marketing Management are required to complete specialized course work in those fields. Students majoring in General Business also must complete the requirements for a minor.

Business Core Courses

The business core is divided into three groups Lower and Upper Division, and the Capstone. The content and design of the core courses are such that the Lower Division should be completed before taking courses in the Upper Division. Upper Division core courses should be completed before moving to the Capstone.

Lower Division (19 hours)

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
BUSA-1211	Introduction to Business
ECON-2113	Microeconomic Principles
ECON-2213	Microeconomic Principles
MATH-1213	College Algebra
MATH-2913	Statistical Methods

Upper Division (24 hours)

BUSA-4213	Business Law
BUSA-4513	International Business
COMM-3113	Business and Professional Communication
INFO-3113	Principles of Electronic Business

MGMT-3113	Principles of Management
MGMT-3213	Operations Management
FINC-3313	Financial Management
MKTG-3313	Principles of Marketing

Capstone (3 hours)

MGMT-4613	Strategic Management
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Admission to Upper Division

Experience has shown that the increasing level of business knowledge and skill provided by taking classes, according to the following guidelines, results in greater success for you. Lower Division courses should be completed before enrolling in Upper Division business courses. The following guidelines will be followed:

You will be cleared by your advisor to take Upper Division business courses when the following requirements are completed with a GPA of at least 2.0:

1. ENGL-1123 Communication I: Written Communication
2. COMM-1213 Communication II: Oral Communication
3. ENGL-2113 Communication III: Research and Presentation
4. MATH-1413 Finite Math
5. MATH-2913 Statistical Methods
6. Lower Division business core courses with a GPA of at least 2.0.
7. Overall GPA of at least 2.0.

Students who do not meet these requirements may be granted restricted approval to enroll in Upper Division business courses. If you drop any Lower Division core courses while on restricted approval, you must complete such courses before enrolling in another Upper Division business course. Restricted approval will be granted when you:

1. Make formal application and receive the approval of the Dean.
2. Enroll in all remaining Lower Division courses.
3. Have an overall GPA of at least 2.0 and a GPA of 2.0 on all other lower division courses.

Grade Requirements

All required specialized courses in the accounting, finance, management, and marketing/management majors must be completed with a grade of "C" or better. To continue in the upper core, a student must not have more than 15 semester hours of "D" grades. Accounting majors are required to make a grade of "C" or better in ACCT-2113 and ACCT-2213. Management majors are required to make a grade of "C" or better in MGMT-3113. Marketing/Management majors are required to make a grade of "C" or better in MKTG-3313. Finance majors are required to make a grade of "C" or better in FINC-3313. All students enrolling in BUSA-4513 and MGMT-4613 must be in their last year and eligible for graduation, with no more than 15 hours of "D" grades in their degree program.

B.B.A. Degree in Accounting 70 hours, no minor required

Students following this program are prepared for entry-level positions in public, private, or governmental accounting. Educational requirements to sit for the Certified Public Accountant (CPA) examination currently vary among states. All students sitting for the CPA exam in the State of Oklahoma are required to have 150 hours of college credit, including 36 hours of upper-level accounting courses. You may now fulfill this requirement by enrolling in the MBA program during the last semester of your senior year.

Degree requirements

1. The business core curriculum, 46 hours
(See **page 74** for business core requirements.)
2. 21 hours specialized courses
 - ACCT-3113 Intermediate Accounting I
 - ACCT-3213 Intermediate Accounting II
 - ACCT-3313 Cost Accounting
 - ACCT-3413 Income Taxation
 - ACCT-3513 Advanced Federal Taxation
 - ACCT-4113 Advanced Accounting I
 - ACCT-4413 Auditing
3. 3 hours chosen from
 - ACCT-3713 Accounting Information Systems
 - ACCT-4213 Advanced Accounting II
 - ACCT-4313 Advanced Cost Accounting
 - ACCT-4423 Ethics and Auditing Concepts

B.B.A. Degree in Finance **70 hours, no minor required**

The finance major promotes the development of effective practitioners. Graduates go directly to the work force in the financial services sector or business financial management. Others find finance helpful for graduate business, law, and other professional fields.

Degree requirements

1. The business core curriculum, 46 hours
(See **page 74** for business core requirements.)
2. 9 hours specialized courses
 - FINC-4113 Advanced Financial Management
 - FINC-4313 Financial Markets and Institutions
 - MATH-2113 Applied Calculus
3. 12 hours chosen from
 - FINC-3513 Money and Banking
 - FINC-3613 Investment Analysis
 - FINC-3713 International Finance
 - FINC-3813 Personal Finance
 - FINC-4513 Advanced Topics in Finance
 - FINC-4713 Principles of Insurance
4. 3 hours chosen from
 - ACCT-3113 Intermediate Accounting I
 - ACCT-3313 Cost Accounting I

B.B.A. Degree in General Business **52 hours, minor required**

This program is a general one, preparing the student for entry into industrial or governmental organizations, but without specialization in a specific discipline within the business area.

Degree requirements

1. The business core curriculum, 46 hours (See **page 74** for business core requirements).
2. Six hours of electives in 3000/4000 level business courses as approved by advisor.
3. A minor of at least 18 hours. The purpose of a minor is to broaden the student's educational experiences. If a minor is chosen in the area of business, it must be exclusive of the work used in the business major. Courses cannot count in both the major and the minor.

B.B.A. Degree in International Business **70 hours, no minor required**

The International Business major prepares students to work in a global environment, both domestic and foreign. The specialization develops skills for navigating complex international business and management issues, and develops intercultural competencies uncommon among most business students.

1. The business core curriculum, 46 hours
(See **page 74** for business core requirements.)
2. 15 hours specialized business courses
 - INTL-4123 International Finance
 - INTL-4413 International Management
 - INTL-4513 International Economics
 - INTL-4723 Global Marketing
 - INTL-4813 International Consulting and Development
3. 6 hours of the same modern foreign language
4. 3 hours of directed international practicum/internship*
*Guided visit to world financial centers led by Business faculty members.

B.B.A. Degree in Management **64 hours, no minor required**

The business management program is oriented toward the behavioral and organizational aspects of industrial, commercial, and institutional organizations. This degree is for students preparing for a career in supervisory and management positions.

Degree requirements

1. The business core curriculum, 46 hours (See **page 74** for business core requirements.)
2. 18 hours specialized business courses
 - A. 3 hours of accounting
 - ACCT-3313 Cost Accounting
 - B. 12 hours of management courses
 - BUSA-3713 Contemporary Business Ethics
 - MGMT-3323 Entrepreneurship and Small Business Management
 - MGMT-4313 Organizational Behavior
 - MGMT-4513 Human Resource Management
 - C. 3 hours of elective courses chosen from
 - MGMT-3533 Issues in Management
 - MGMT-4993 Internship in Management

B.B.A. Degree in Marketing Management **64 hours, no minor required**

The Marketing/Management program prepares students for traditional marketing, promotion, sales, sales management, and marketing research responsibilities. This specialization develops skills for the recognition and analysis of marketing problems, both from the organizational and external market perspectives.

Degree requirements

1. The business core curriculum, 46 hours (See **page 74** for business core requirements.)
2. 12 hours of specialized courses chosen from
 - MKTG-3413 Consumer Behavior
 - MKTG-3713 Sales Management and the Sales Process
 - MKTG-4513 Marketing Research
 - MKTG-4613 Marketing Management

3. 6 hours of elective courses chosen from
- | | |
|-----------|--|
| MKTG-3513 | E-Commerce and Online Marketing |
| MKTG-4313 | Promotional Strategies |
| MKTG-4723 | Global Marketing |
| MKTG-4993 | Internship in Marketing |
| MGMT-3323 | Entrepreneurship and Small Business Management |

GRADUATE PROGRAM

The School of Business Administration also offers a Master of Business Administration (MBA) degree. Undergraduate students interested in pursuing the MBA degree after graduation should see the MBA Director, HBC 120.

SCHOOL OF EDUCATION

Teacher Education

The Teacher Education Program is designed to ensure that teacher candidates develop a strong foundation in the liberal arts, a sound knowledge of their discipline, an understanding of how students learn, and a reasonable mastery of communication skills.

Preparation of effective classroom teachers has long been recognized as a strength of OC. The Teacher Education Program has a history of excellent results, including high pass rates on state certification exams and high placement rates for graduates.

The teacher education program is approved by the Oklahoma Commission for Teacher Preparation. The unit is accredited by the National Council for Accreditation of Teacher Education (NCATE), and OC has been a NCATE accredited institution since 1972.

Teacher Certification Process

STEP 1: ADMISSION TO TEACHER EDUCATION

After you have completed three semesters of work, you should apply for admission to Teacher Education, at which time a first check of character and scholarship will be made.

Requirements for admission to Teacher Education:

- Forty-five semester hours of credit with a GPA of 2.75.
- Grade of C or better in EDUC-3121, EDUC 3122 (must have a GPA of 2.65 to enroll).
- Recommendation of major department.
- Recommendation of the Office of Student Life.
- Satisfactory completion of the Teacher Education Writing Evaluation.
- Grade of C or better in COMM-1213.
- Recommendation of Teacher Education Interview Committee.
- A written paper and oral presentation of your reasons for wanting to enter the profession, presented to the Teacher Education Interview Committee.
- One character reference.
- Successful completion of OGET (required in program), or 3.0 GPA on 20 hours selected liberal arts courses which delays the OGET for one semester.
- Satisfactory portfolio review.
- Documentation of successful participation in working with age level matching that of certification sought (PK-3, 6-12, PK-12). Field Experience – EDUC-3121.
- Approval of Teacher Education Council.

Note: Changes in teacher licensure requirements made by the state of Oklahoma may require that changes be made in the Teacher Education Program at OC.

Students will apply for admission to Teacher Education early in the semester in which they are enrolled in EDUC-3121, Orientation to Teacher Education. Applications will be processed during that semester; those admitted to candidacy at the end of the semester will be notified and will be able to proceed in the Teacher Education program.

To continue in teacher education, teacher candidates must maintain a cumulative GPA of 2.75 and a grade of C or better in all education courses. Students who fall below minimum requirements will not be able to continue in the Teacher Education program until the requirements are again met. You should confer with your advisors and or the chair of the school of education to develop a plan to meet all teacher education requirements.

STEP 2: ADMISSION TO STUDENT TEACHING

Requirements for admission to student teaching are:

- Admission to Teacher Education.
- 95 semester hours of credit.
- Passing score on Oklahoma General Education Test (OGET).
- Passing score on the appropriate Oklahoma Subject Area Test (OSAT).
- Overall GPA of 2.75.
- GPA of 3.00 in major.
- Completion of two-thirds of major hours (All courses in the major must be completed before student teaching begins.)
- Recommendation of major department.
- Recommendation of the Office of Student Life.
- Satisfactory completion of all field experiences.
- Fulfillment of the requirements for a foreign language, other than English, at the novice high level for listening and speaking. This requirement may be met by two years of the same foreign language in high school with a grade of "C" or better, or three hours of college credit in a foreign language with a grade of "C" or better.
- Satisfactory portfolio review.
- Approval of the Teacher Education Council.

Student Teaching

See "Teacher Education Handbook" and "Field Experiences Handbook" for guidelines, procedures, and requirements.

State Required Tests

All candidates for an Oklahoma teaching license must pass three exams:

Oklahoma General Education Test (OGET), Oklahoma State Subject Area Test (OSAT), Oklahoma Professional Teaching Exam (OPTE). For testing information visit www.ceoenesinc.com.

STEP 3: APPROVAL FOR LICENSE

To be recommended for a license, the applicant must complete student teaching and the appropriate Oklahoma Professional Teaching Exam (OPTE). After the teacher candidate has completed all requirements for graduation and licensure, you will be recommended for teaching license. Recommendation for licensure will be withheld if the applicant has not met all minimum requirements.

STEP 4: APPROVAL FOR CERTIFICATION

After receiving a teaching license, the first year teacher (in Oklahoma) must teach under the guidance of a residency committee. The residency committee will determine whether to recommend the licensed teacher for certification.

An OC graduate with a Bachelor of Science in Education degree will:

1. Show that he or she has acquired competency in a broad general education through study in the liberal arts by successfully completing the university core curriculum and passing the Oklahoma General Education Test (OGET).
2. Demonstrate an in-depth knowledge of the subject matter for the subject and level to be taught by achieving a 3.00 GPA in the major field and passing the Oklahoma Subject Area Test (OSAT) appropriate to the major field.
3. Demonstrate that he or she has acquired the knowledge, skills, and dispositions appropriate for initial entry into the profession of teaching by completing a specified curriculum in professional education courses with no grades below a grade of C, passing the Oklahoma Professional Teacher Education Exam (OPTe), and receiving average ratings of Proficient on the Formative and Summative assessments in student teaching.

B.S.E. Degree in Early Childhood Education

Licensure: Preschool – Grade 3

Degree requirements

1. 32 hours major

Early Childhood Education – 14 hours

Elementary Education – 19 hours

ECED-3013	Nature and Characteristics of Early Childhood
ECED-3013P	Nature and Characteristics Practicum
ECED-3023	Emergent Literacy
ECED-4013	Cognitive Skills
ECED-4023	Topics in Early Childhood
ECED-4111	Early Childhood Practicum
ELEM-3233	Literacy I, Early Development of Literacy in Children
ELEM-3233P	Literacy I Practicum
ELEM-3323	Movement and Fine Arts
ELEM-3333	Literacy II, Literacy Strategies for Primary Grades
ELEM-3632	Social Studies for the Primary Child
ELEM-3733	Mathematics for the Primary Child
ELEM-3832	Science for the Primary Child
ELEM-3900P	Primary Practicum
PSYC-3523	Developmental Psychology

Note: Practicum courses (P) do not affect the GPA and do not add to the semester course load. Grades earned in practicum courses reflect candidate performance in public school classrooms.

2. 48 hours general education

Communication	12 hours
Mathematics	12 hours
Science	12 hours
Social Studies	12 hours

University core courses apply to these requirements.

3. 25 hours professional education

EDUC-3121	Orientation to Teacher Education
EDUC-3122	The School in American Culture
EDUC-3213	Learning, Instruction and Assessment

EDUC-3422	Educational Technology
EDUC-3723	Education of the Exceptional Child
EDUC-4013	Human Relations and Behavior Management
EDUC-4131	Applied Instruction and Assessment
EDUC-4132	Critical Issues in Education
EDUC-4618	Student Teaching in the Elementary School

4. Foreign Language Competency, choose one:-
High School Foreign Language – 2 years of same language with a grade of “C” or better;
University credit – 3 hours foreign language (including American Sign Language) with a grade of “C” or better.

B.S.E. Degree in Elementary Education

Licensure: Grades 1-8

Degree requirements

1. 32 hours major, elementary education

ELEM-3233	Literacy I, Early Development of Literacy in Children
ELEM-3233P	Literacy I Practicum
ELEM-3323	Movement and Fine Arts
ELEM-3333	Literacy II, Literacy Strategies for Primary Grades
ELEM-3632	Social Studies for Primary Students
ELEM-3733	Mathematics for Primary Students
ELEM-3832	Science for Primary Students
ELEM-3900P	Primary Practicum
ELEM-4242	Social Studies for Intermediate Students
ELEM-4342	Mathematics for Intermediate Students
ELEM-4433	Literacy III, Literacy Strategies for Intermediate Grades
ELEM-4443	Science for Intermediate Students
ELEM-4543	Literacy IV, Assessment Strategies for Intermediate Grades 4-8
ELEM-4900P	Intermediate Practicum
PSYC-3523	Developmental Psychology

Note: Practicum courses (P) do not affect the GPA and do not add to the semester course load. Grades earned in practicum courses reflect candidate performance in public school classrooms.

2. 48 hours general education

Communication	12 hours
Mathematics	12 hours
Science	12 hours
Social Studies	12 hours

University core courses apply to these requirements

3. 25 hours professional education minor.

EDUC-3121	Orientation to Teacher Education
EDUC-3122	The School in American Culture
EDUC-3213	Learning, Instruction and Assessment
EDUC-3422	Educational Technology
EDUC-3723	Education of the Exceptional Child
EDUC-4013	Human Relations and Behavior Management
EDUC-4131	Applied Instruction and Assessment
EDUC-4132	Critical Issues in Education
EDUC-4618	Student Teaching in the Elementary School

4. Foreign Language Competency

Options: choose one:

High School Foreign Language – 2 years of same language with a grade of “C” or better;

University credit – 3 hours foreign language (including American Sign Language) with a grade of “C” or better.

B.S.E. Degree in Secondary Education

Major: English, Mathematics, Science, Social Studies
Licensure: English - Grades 6-12, Mathematics – Grades 6-12, Science – Grades 6-12, Social Studies – Grades 6-12

Degree Requirements

1. Major, See the respective departments for requirements in the major and suggested program.
2. Professional Education, 25 semester hours
 - EDUC-3121 Orientation to Teacher Education
 - EDUC-3122 The School in American Culture
 - EDUC-3213 Learning, Instruction and Assessment
 - EDUC-3422 Educational Technology
 - EDUC-3723 Education of the Exceptional Child
 - EDUC-4013 Human Relations and Behavior Management
 - EDUC-4131 Applied Instructional and Assessment Strategies
 - EDUC-4132 Critical Issues in Education
 - EDUC-4718 Student Teaching in the Secondary Schools
3. 8 hours other courses
 - EDUC-4112 Reading in the Content Areas
 - PSYC-3523 Developmental Psychology
4. 3 semester hours of a methods course in the subject area
5. Foreign Language Competency
Choose one:
 - High School Foreign Language – 2 years of same language with a grade of “C” or better
 - University credit – 3 hours foreign language (including American Sign Language) with a grade of “C” or better.

B.M.E. Degree in PK-12 Education (For Teachers of Music)

Degree requirements

1. Major: See the departments for requirements in the major and suggested programs.
2. 25 hours professional education
 - EDUC-3121 Orientation to Teacher Education
 - EDUC-3122 The School in American Culture
 - EDUC-3213 Learning, Instruction and Assessment
 - EDUC-3422 Educational Technology
 - EDUC-3723 Education of the Exceptional Child
 - EDUC-4013 Human Relations and Behavior Management
 - EDUC-4131 Applied Instructional and Assessment Strategies
 - EDUC-4132 Critical Issues in Education
 - EDUC-4818 Student Teaching in the Elementary and Secondary Schools
3. 3 hours of psychology
 - PSYC-3523 Developmental Psychology
4. 4 semester hours of methods courses in the subject area:
Instrumental:
 - EDUC-4422 Elementary Music Methods
 - EDUC-4432 Secondary Instrumental Music MethodsVocal
 - EDUC-4422 Elementary Music Methods
 - EDUC-4442 Secondary Vocal Music Methods
5. Foreign Language Competency
Choose One:

High School Foreign Language – 2 years of same language with a grade of “C” or better

University credit – 3 hours foreign language (including American Sign Language) with a grade of “C” or better.

SPORTS, WELLNESS & RECREATION

B.S. Degree in Sport, Wellness, and Recreation Management

60 hours, no minor required

This degree program is designed for students who are preparing to work in the wellness, fitness, recreation, and sport professions. The major focuses on the role of wellness, sport, and recreation in everyone’s life.

Degree requirements

1. 12 hours foundation courses
 - MGMT-3113 Principles of Management
 - PHED-1113 Introduction to Sport, Wellness, Recreation Management
 - PHED-4113 Organization and Administration of Sport Wellness, and Recreation Management
 - PHED-4613 Capstone Skills
2. 18 hours sport
 - PHED-2612 Sports Officiating
 - PHED-3233 Theory of Coaching Basketball
 - PHED-3242 Theory of Coaching Volleyball
 - PHED-3252 Theory of Coaching Baseball and Softball
 - PHED-3262 Theory of Coaching Track and Field
 - PHED-3272 Theory of Coaching Tennis and Golf
 - PHED-3282 Theory of Coaching Soccer
 - PHED-3293 Coaching Ethics and Sports Psychology
3. 15 hours wellness
 - BIOL-2033 Nutrition
 - PHED-2312 First Aid
 - PHED-2412 Care and Prevention of Athletic Injuries
 - PHED-2512 Wellness Concepts
 - PHED-3113 Kinesiology
 - PHED-4323 Physiology of Sport and Exercise
4. 13 hours recreation
 - PHED-2702 Sports Lab I
 - PHED-2712 Sports Lab II
 - PHED-4123 Recreational Leadership and Youth Sports
 - PHED-4213 Organization and Administration of Intramurals
 - PHED-4513 Recreational Activities for the Handicapped
5. 2 hours activity courses chosen from
 - PHED-1611 Beginning Tennis
 - PHED-1621 Advanced Tennis
 - PHED-1811 Basketball Fundamentals
 - PHED-1821 Golf
 - PHED-1911 Badminton
 - PHED-4211 Activity Practicum I
 - PHED-4311 Activity Practicum II
 - PHED-4411 Teaching the Handicapped Child

Note: Transfer students who have taken major courses and/or professional education courses at institutions other than OC must have the courses approved as substitutions by the Chair of the School of Education. OC students who plan to take general education courses at another institution must have prior approval

by the Chair of the School of Education; courses in the major and/or professional education may not be taken at another institution. OC university teacher education programs change when Oklahoma teacher education program/licensure requirements change.

SCHOOL OF ENGINEERING

DEPARTMENT OF MATHEMATICAL, COMPUTER, AND INFORMATION SCIENCES

COMPUTER SCIENCE

B.S. Degree in Computer Science

74 hours, no minor required

An OC graduate with a Bachelor of Science degree in Computer Science will:

1. Recognize the ethical and appropriate use of technology, and apply the theories and principles of Computer Science to effectively solve problems in a timely and cost-effective manner.
2. Exhibit the ability to adapt to new environments, apply research methodologies, and to learn independently.
3. Work effectively in a team environment, including the ability to describe complex ideas and logical arguments in a clear, concise manner using both written and oral communication.
4. Demonstrate a thorough knowledge of the liberal arts, and an ability to think, act, and communicate from a Christian worldview in all areas of life.

Degree requirements

1. 34 hours computer science and information systems core
 - A. 24 hours lower division courses

CMSC-1003	Introduction to Information Technology
CMSC-1113	Programming I
CMSC-1123	Programming II
CMSC-2133	Object Oriented Programming
CMSC-2413	Introduction to Assembly Language
CMSC-2423	Introduction to File Processing
MATH-1623	Introduction to Discrete Mathematics
MATH-2913	Statistical Methods
 - B. 10 hours upper division courses

CMSC-3243	Computers and Society
CMSC-3443	Computer Organization and Architecture
CMSC-4811	Seminar in Computer Science
ENGL-3493	Technical Writing
2. 31 hours specialized courses
 - A. 11 hours mathematics

MATH-2114	Calculus I with Analytical Geometry
MATH-2214	Calculus II with Analytical Geometry
MATH-3513	Linear Algebra
 - B. 18 hours computer science

CMSC-3233	Data Structures and Algorithm Analysis
CMSC-3423	Introduction to Computer Graphics
CMSC-4413	Operating Systems
CMSC-4223	Introduction to Computer Simulation
CMSC-4513	Programming Languages
CMSC-4713	Artificial Intelligence
 - C. 2 hours language

CMSC-2222	LISP
CMSC-2232	Prolog
CMSC-2242	FORTRAN

CMSC-2252	Ada
CMSC-2262	Java
CMSC-2292	SmallTalk
CMSC-2302	Perl
CMSC-2332	C #

3. 9 hours any 3000/4000 computer science not used above

INFORMATION SYSTEMS

B.S. Degree in Information Systems

78 hours, no minor required

An OC graduate with a Bachelor of Science degree in Information Systems will:

1. Apply essential financial, management, and marketing principles to effectively solve problems in a timely and cost-effective manner.
2. Recognize the ethical and appropriate use of technology to improve the business processes of an organization.
3. Exhibit the ability to adapt to new environments, apply research methodologies, and to learn independently.
4. Work effectively in a team environment, including the ability to describe complex ideas and logical arguments in a clear, concise manner using both written and oral communication.
5. Demonstrate a thorough knowledge of the liberal arts, and an ability to think, act, and communicate from a Christian worldview in all areas of life.

Degree requirements

1. 34 hours computer science and information systems core
 - A. 24 hours lower division courses

CMSC-1003	Introduction to Information Technology
CMSC-1113	Programming I
CMSC-1123	Programming II
CMSC-2133	Object Oriented Programming
CMSC-2413	Introduction to Assembly Language
CMSC-2423	Introduction to File Processing
MATH-1623	Introduction to Discrete Mathematics
MATH-2913	Statistical Methods
 - B. 10 hours upper division courses

CMSC-3243	Computers and Society
CMSC-3443	Computer Organization and Architecture
CMSC-4811	Seminar in Computer Science
ENGL-3493	Technical Writing
2. 3 hours mathematics

MATH-1213	College Algebra
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3. 12 hours computer science

CMSC-4103	Data Communications and Networking
CMSC-4123	Introduction to Software Tools
CMSC-4213	Systems Analysis and Design
CMSC-4323	Database Processing
4. 2 hours of computer language
5. 6 hours any 3000/4000 Computer Science not used previously
6. 21 hours business
 - A. 6 hours accounting

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
 - B. 3 hours financial management

FINC-3313	Financial Management
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 - C. 3 hours information systems

INFO-3113	Principles of Electronic Business
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- D. 6 hours management
 - MGMT-3113 Principles of Management
 - MGMT-3213 Operations Management
- E. 3 hours marketing
 - MKTG-3313 Principles of Marketing

MATHEMATICS

B.S. Degree in Mathematics

52 hours, minor required

An OC graduate with a Bachelor of Science degree in Mathematics will:

1. Demonstrate a thorough knowledge of the foundational principles of analysis, algebra and geometry and be able to use standard problem-solving methods in a variety of contexts.
2. Exhibit the ability to adapt to new environments and advances in technology, apply research methodologies, and to learn independently.
3. Work effectively with others, including the ability to describe mathematical problems, solutions, proofs and logical arguments in a clear, concise manner using both written and oral communication.
4. Demonstrate a thorough knowledge of the liberal arts, living as a person of integrity with an ability to think, act, and communicate from a Christian worldview in all areas of life.

Degree Requirements

1. 15 hours lower division mathematics
 - MATH-2114 Calculus I with Analytical Geometry
 - MATH-2214 Calculus II with Analytical Geometry
 - MATH-2314 Calculus III
 - MATH-2913 Statistical Methods
2. 16 hours upper division mathematics
 - MATH-3013 Differential Equations
 - MATH-3313 Modern Algebra I
 - MATH-3513 Linear Algebra
 - MATH-3813 Modern Geometry
 - MATH-4113 Probability and Statistics I
 - MATH-4811 Seminar in Mathematics
3. 12 hours any 3000/4000 Math not used above
4. 9 hours electives
 - A. Mathematics courses numbered 1213 or higher
 - B. Any computer science course or a physics course numbered 2513 or higher

B.S. Degree in Mathematics/Computer Science

72 hours, no minor required

An OC graduate with a Bachelor of Science degree in Mathematics/Computer Science will:

1. Demonstrate a thorough knowledge of the foundational principles of analysis, algebra and geometry and be able to use standard problem-solving methods in a variety of contexts.
2. Recognize the ethical and appropriate use of technology, and apply the theories and principles of Computer Science to effectively solve problems in a timely and cost-effective manner.
3. Exhibit the ability to adapt to new environments, apply research methodologies, and to learn independently.
4. Work effectively in a team environment, including the ability to describe complex ideas and logical arguments in a clear, concise manner using both written and oral communication.

5. Demonstrate a thorough knowledge of the liberal arts, and an ability to think, act, and communicate from a Christian worldview in all areas of life.

Degree requirements

1. 39 hours mathematics
 - A. 18 hours lower division mathematics
 - MATH-1623 Introduction to Discrete Mathematics
 - MATH-2114 Calculus I with Analytical Geometry
 - MATH-2214 Calculus II with Analytical Geometry
 - MATH-2314 Calculus III
 - MATH-2913 Statistical Methods
 - B. 21 hours upper division mathematics
 1. 9 hours required
 - MATH-3013 Differential Equations
 - MATH-3513 Linear Algebra
 - MATH-4113 Probability and Statistics I
 2. 12 hours elective courses numbered above 3000, including two of the following
 - MATH-3113 Number Theory
 - MATH-3313 Modern Algebra I
 - MATH-3413 Modern Algebra II
 - MATH-3813 Modern Geometry
2. 33 hours computer science
 - A. 21 hours required
 - CMSC-1003 Introduction to Information Technology
 - CMSC-1113 Programming I
 - CMSC-1123 Programming II
 - CMSC-2413 Introduction to Assembly Language
 - CMSC-2423 Introduction to File Processing
 - CMSC-3233 Data Structures and Algorithm Analysis
 - CMSC-3443 Computer Organization and Architecture
 - B. 11 hours electives
 1. 6 hours any 3000/4000 computer science not used above
 2. 5 hours selected from any computer science courses not used above
 3. 1 hour mathematics or computer science seminar
 - MATH-4811 Mathematics Seminar
 - or
 - CMSC-4811 Computer Science Seminar

B.S.E. Degree in Mathematics Education

43 hours, minor required

An OC graduate with a Bachelor of Science in Education degree in Mathematics will:

1. Demonstrate a thorough knowledge of the foundational principles of analysis, algebra and geometry and be able to use standard problem-solving methods in a variety of contexts.
2. Exhibit the ability to adapt to new environments and advances in technology, apply research methodologies, and to learn independently.
3. Work effectively with others, including the ability to describe mathematical problems, solutions, proofs and logical arguments in a clear, concise manner using both written and oral communication.
4. Possess a working knowledge of sound and current pedagogical techniques for the teaching of mathematics at the secondary level.
5. Demonstrate a thorough knowledge of the liberal arts, living as a person of integrity with an ability to think, act, and communicate

from a Christian worldview in all areas of life.

Degree requirements

1. 37 hours mathematics
 - A. 34 hours required
 - MATH-1623 Discrete Mathematics
 - MATH-2114 Calculus I with Analytical Geometry
 - MATH-2214 Calculus II with Analytical Geometry
 - MATH-2314 Calculus III
 - MATH-2913 Statistical Methods
 - MATH-3123 Mathematical Modeling and Strategies for Secondary Teachers
 - MATH-3313 Modern Algebra I
 - MATH-3513 Linear Algebra
 - MATH-3813 Modern Geometry
 - MATH-4113 Probability and Statistics I
 - MATH-4811 Mathematics Seminar
 - B. 3 hours chosen from any 3000-4000 level mathematics course
2. 6 hours computer science
 - A. 3 hours required
 - CMSC-1113 Programming I
 - B. 3 hours electives chosen from
 - CMSC-1003 Introduction to Information Technology
 - CMSC-1123 Programming II

You must meet all the requirements for the B.S.E. Degree as well as education professional hours (see **page 79**). A second minor is strongly recommended for teaching in a second field.

ENGINEERING

Academic Policies for OC Engineering

Engineering Programs and the Core Curriculum

All engineering program degrees require 128 hours including the core curriculum. The following substitutions and options allow all components of the core curriculum to be satisfied within the 128 credit hours. Communication core requirements (ENGL-1123, COMM 1213, ENGL-2113) may be met by taking ENGL-1134 and by participating in the communication activities in the engineering degree program. For students exempt from ENGL-1123 due to CLEP, AP, or ACT scores, the Communication core requirement is met by taking COMM 1213 and by participating in the communication activities in the engineering degree program. CLTR-2913 may be used to meet the requirements for both Western Civilization and Fine Arts. BIBL-3443 may be used to meet the requirements for both Literature and for three hours of Bible. MISS 3513 may be used to meet the requirements for both Non-Western Civilization and for three hours of Bible. ENGR 3213 is used to meet the requirements for POLS-1213.

Core Curriculum for students graduating with a B.S.C.E., B.S.E.E., or B.S.M.E. degree in engineering (46 hours):

Basic Skills (9 hours)

1. SDEV-1101 Freshman Seminar (Engineering focused section)
2. ENGL-1134 Satisfies part of the requirement for Communication sequence; remainder of the requirement satisfied by communication activities in the engineering degree program
3. PHED-2511 Physical Fitness and Wellness

4. MATH MATH-1143 or higher

Core Bible (16 hours)

1. Choose 10 hours from the following textual Bible courses:
 - a. BIBL-1212
 - b. BIBL-1312
 - c. BIBL-2202
 - d. BIBL-2302
 - e. BIBL-4222
2. Choose 6 additional hours from the following (These 6 hours also satisfy Literature and Non-Western civilization.)
 - a. BIBL-3443
 - b. MISS-3513

Basic Perspectives (18 hours)

1. American Citizenship, 6 hours
(3 hours satisfied by ENGR-3213)
2. Behavioral Science, 3 hours
3. Literature and Fine Arts, satisfied by BIBL-3443 and CLTR-2913
4. Science, 6 hours
5. Global Civilization, 3 hours
 - a. Western Civilization satisfied by 3 hours of CLTR-2913
 - b. Non-Western Civilization satisfied by MISS-3513

Integration Requirements (3 hours)

1. PHIL 4113

Engineering Program Requirements

Beyond the common university requirements for all baccalaureate degrees, the following criteria must be met to graduate with a degree in engineering:

To declare an engineering major (computer, electrical, mechanical or pre-engineering) and start engineering coursework, you must either have a math sub score on the ACT of at least 23 (or equivalent), or have successfully completed MATH 1213 with a "C" or better.

- You must complete all required math and science courses with a grade of "C" or better
- You must complete all prerequisites to ENGR, CENG, ELEC, and MECH courses with a grade of "C" or better
- You must maintain a 2.0 minimum major GPA (i.e. the GPA computed excluding core curriculum courses)
- You must sit for the state Fundamentals of Engineering exam prior to graduating (the discipline specific afternoon portion is required)

Policy for Students Transferring Into OC Engineering:

OC Engineering welcomes transfer students and will work on an individual basis to match the maximum amount of previous course work with OC graduation requirements without compromising the strength and value of an OC Engineering degree. To assure that transfer credits meet engineering accreditation standards, the Departments of Electrical and Computer Engineering and Mechanical Engineering use the following guidelines and process:

- All mathematics, science, computer science, and lower level, 1000 and 2000 level engineering science course credits must come from regionally accredited colleges and universities offering courses designed to provide background for baccalaureate degrees.

- Upper-division, 3000 and 4000 level, engineering credits must come from institutions offering ABET accredited engineering programs and will be evaluated on an individual basis.
- Courses completed at international colleges and universities where accreditation is not available will be evaluated on an individual basis.
- Courses from within a technology curriculum do not transfer. Courses taken outside a technology curriculum may transfer, but are subject to evaluation on an individual basis.
- Transfer credits with grades of less than a C in the following subjects will not count toward an OC engineering degree: the physical sciences, mathematics, computer science, engineering science, and engineering.
- Students transferring into OC Engineering should submit their official transcripts to the Office of the Registrar for evaluation at least six weeks prior to the beginning of their first semester in OC Engineering.

Master of Science in Engineering

The School of Engineering offers a Master of Science in Engineering (MSE) degree with specializations in mechanical engineering, electrical engineering, and computer engineering,

Undergraduates who are considering the MSE should attain an undergraduate engineering degree from an ABET accredited institution. Some consideration will be given to students with backgrounds from computer science, physics, or related fields.

For more information regarding graduate studies in the School of Engineering, contact Stephanie Baird, M.Ed. at (405) 425-5579 or at stephanie.baird@oc.edu.

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Program Educational Objectives:

The Department of Electrical and Computer Engineering considers its primary constituents to be threefold: industry, students who value an engineering education at a Christian university, and parents of these students. Working with these constituents, we have set the following Program Educational Objectives:

Oklahoma Christian University graduates with an Electrical or Computer Engineering degree will use the talents God has given them to make a difference through:

1. enjoying a successful career characterized by:
 - a. contributing effectively and adding value to the engineering process,
 - b. functioning well in the workplace as an integral member of a team, and
 - c. keeping technically current and adaptive to changes in the workplace; and
2. internalizing a personal faith in God that is exhibited by:
 - a. consistent ethical behavior based on Christian principles,
 - b. an exemplary work ethic consistent with their Christian worldview, and
 - c. a stable life that balances career, family, church and community.

Admittance into Computer or Electrical Engineer Studies

The upper-division computer engineering and electrical engineering courses (ELEC and CENG courses) at OC require a mastery of foundational material contained in the first two years of the degree plans. Therefore, the Department of Electrical and Computer Engineering has set forth the following policies for Admittance into Computer or Electrical Engineer Studies:

1. Once admitted, you may take any ELEC or CENG course for which you have met the pre-requisites with a grade of "C" or better. Without admittance, you may only take CENG-3203 Introduction to Microprocessors and CENG-3213, Computer Systems if you have the correct prerequisites.
2. To be admitted, you must be currently enrolled in or have attained a grade of "C" or better in the required lower-division math, science, computer science and engineering science coursework for your program.
3. The department will communicate to those who meet the requirement before the pre-enrollment period of each spring semester.
4. Those that complete the requirements at a later time may petition the department chair or advisor to be reconsidered.
5. Admittance is conditional upon successively completing the in-progress courses with a grade of "C" or better.

B.S.C.E. Degree in Computer Engineering 94 hours, no minor required

The Computer Engineering program is accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, telephone, (410) 347-7700.

Degree Requirements

1. 24 hours mathematics

MATH-1623	Discrete Math
MATH-2114	Calculus I with Analytical Geometry
MATH-2214	Calculus II with Analytical Geometry
MATH-2314	Calculus III
MATH-3013	Differential Equations
ENGR-1113	Foundations in Engineering Mathematics
ENGR-2113	ECE Mathematics
2. 8 hours science

PHYS-2514	Physics I
PHYS-2614	Physics II
3. 27 hours engineering and computer science

CMSC-1113	Programming I
CMSC-1123	Programming II
CMSC-2133	Object Oriented Programming
CMSC-4413	Operating Systems
ENGR-1122	Engineering Computing
ENGR-1242	Engineering Fundamentals
ENGR-2544	Introduction to Digital Systems
ENGR-2614	Electrical Circuit Analysis
ENGR-3213	Engineering Economics
4. 26 hours computer and electrical engineering

CENG-3113	Data Communications
CENG-3203	Intro to Microprocessors
CENG-3213	Computer Systems
CENG-3223	Embedded Systems Design
CENG-4732	Systems Design I
CENG-4743	Systems Design II
CENG-4753	Systems Design III
ELEC-3303	Introduction to Electronics

ELEC-3503	Discrete Time Linear Systems
5. 9 hours minimum electives	
CENG-4113	Network Systems Design
CENG-4233	Advanced Computer Architecture
CENG-4303	Integrated Circuit Design
CENG-4813	Special Topics
CMSC-3233	Data Structures
CMSC-4123	Introduction to Software Tools
CMSC-4214	Systems Analysis and Design
ELEC-3313	Electronics
ELEC-3403	Continuous Time Linear Systems
ELEC-3523	Digital Signal Processing
ELEC-3613	Electromagnetic Fields
ELEC-4113	Communications Systems
ELEC-4323	Electronic Devices
ELEC-4423	Control Systems
ELEC-4523	Real Time Signal Processing
ELEC-4613	Radio Frequency Engineering
ELEC-4813	Special Topics

With at least one of these being a computer engineering depth course

CENG-4113	Network Systems Design
CENG-4233	Advanced Computer Architecture
CENG-4303	Integrated Circuit Design

B.S.E.E. Degree in Electrical Engineering **94 hours, no minor required**

The Electrical Engineering program is accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, telephone, (410) 347-7700.

Degree Requirements

- 24 hours mathematics

MATH-1623	Discrete Mathematics
MATH-2114	Calculus I with Analytical Geometry
MATH-2214	Calculus II with Analytical Geometry
MATH-2314	Calculus III
MATH-3013	Differential Equations
ENGR-1113	Foundations in Engineering Mathematics
ENGR-2113	ECE Mathematics
- 8 hours science

PHYS-2514	Physics I
PHYS-2614	Physics II
- 18 hours engineering and computer science

CMSC-1113	Programming I
ENGR-1122	Engineering Computing
ENGR-1242	Engineering Fundamentals
ENGR-2544	Introduction to Digital Systems
ENGR-2614	Electrical Circuit Analysis
ENGR-3213	Engineering Economics
- 3 hours elective engineering and computer science

CMSC-1123	Programming II
ENGR-2433	Thermodynamics
- 32 hours electrical and computer engineering

CENG-3203	Intro to Microprocessors
CENG-3213	Computer Systems
ELEC-3303	Introduction to Electronics
ELEC-3313	Electronics
ELEC-3403	Continuous Time Linear Systems
ELEC-3503	Discrete Time Linear Systems

ELEC-3523	Digital Signal Processing
ELEC-3613	Electromagnetic Fields
ELEC-4732	Systems Design I
ELEC-4743	Systems Design II
ELEC-4753	Systems Design III
6. 9 hours minimum electives	
CENG-3113	Data Communications
CENG-3223	Embedded Systems Design
CENG-4113	Network System Design
CENG-4203	Advanced Computer Architecture
CENG-4303	Integrated Circuit Design
CENG-4813	Special Topics
ELEC-4113	Communications Systems
ELEC-4323	Electronic Devices
ELEC-4423	Control Systems
ELEC-4523	Real Time Processing
ELEC-4613	Radio Frequency Engineering
ELEC-4813	Special Topics

With at least one of these being an electrical engineering depth course

ELEC-4323	Electronic Devices
ELEC-4523	Real Time Processing
ELEC-4613	Radio Frequency Engineering

With at least one of these being an electrical engineering breadth course

ELEC-4113	Communications Systems
ELEC-4423	Control Systems

DEPARTMENT OF MECHANICAL ENGINEERING

OC offers the Bachelor of Science in Mechanical Engineering. This program is accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, telephone, (410) 347-7700.

Graduates from the OC mechanical engineering program will:

- Possess a solid foundation in the technical knowledge and essential engineering competencies required to be adaptable and productive throughout their careers.
- Demonstrate mastery of the essential workplace skills required to advance their careers through increasing levels of responsibility.
- Understand the Christian worldview and value the broad education necessary for balanced lives of scholarship, leadership and service.

B.S.M.E. Degree in Mechanical Engineering **94 hours, no minor required**

Degree requirements

- 21 hours mathematics

ENGR-1113	Foundations in Engineering Mathematics
MATH-2114	Calculus I with Analytical Geometry
MATH-2214	Calculus II with Analytical Geometry
MATH-2314	Calculus III
MATH-3013	Differential Equations
ENGR-3023	Engineering Math
- 11 hours science

CHEM-1314	General Chemistry for Engineers
PHYS-1811	Physics I Lab
PHYS-2513	Physics I

- PHYS-2613 Physics II
3. 3 hours mathematics or science electives chosen from
- ENGR-4113 Engineering Applications of Partial
Differential Equations
- MECH-4523 Finite Element Analysis
- MATH-3513 Linear Algebra
- MATH-3613 Numerical Analysis
- MATH-3813 Modern Geometry
- MATH-4113 Probability and Statistics II
- MATH-4313 Complex Variables
- BIOL-2114 Cellular Biology
- BIOL-3214 Environmental Health
- CHEM-1215 General Chemistry II
- PHYS-2713 Physics III
4. 2 hours programming required
- ENGR-1132 Procedural Programming
or
- CMSC-1113 Programming I
5. 21 hours engineering science
- ENGR-1252 Introduction to Solid Modeling
- ENGR-2313 Statics
- ENGR-2433 Thermodynamics I
- ENGR-2523 Dynamics
- ENGR-2533 Strength of Materials
- ENGR-2623 Mechanical Engineering Instrumentation
- ENGR-3213 Engineering Economics
- ENGR-3311 Experimental Mechanics
6. 30 hours mechanical engineering
- MECH-3443 Fluid Mechanics
- MECH-3453 Thermodynamics II
- MECH-3613 Engineering Materials and Manufacturing
Processes

- MECH-3813 Mechatronics
- MECH-4133 Dynamic Systems and Controls
- MECH-4213 Machine Design
- MECH-4243 Heat Transfer
- MECH-4311 Thermal-Fluids Laboratory
- MECH-4732 Systems Design I
- MECH-4743 Systems Design II
- MECH-4753 Systems Design III
6. 6 hours technical electives chosen from
- MECH-4123 Machine Dynamics
- MECH-4233 Heating, Ventilating and Air Conditioning
- MECH-4513 Advanced Mechanics of Materials
- MECH-4523 Finite Element Analysis
- MECH-4533 Vibration Theory and Application
- MECH-4613 Tools and Management of Quality

Note: Certain upper-division electrical engineering courses may be substituted for the MECH electives with the permission of the instructor and the student's advisor.

MINOR REQUIREMENTS

SCHOOL OF BUSINESS ADMINISTRATION

The purpose of a minor program is to enable students to expand their educational horizons by focusing study in a particular field outside their majors. Therefore, the School of Business Administration offers the minor programs described below.

All business minors require the mini-core of 13 hours shown below, in addition to the courses specified for each of the minors. The mini-core courses should be completed before enrolling in the other courses required for the minor.

Business Mini-Core

ACCT-2113	Accounting Principles I
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

Accounting Minor

19 hours required

- 13 hours Business mini-core
- 3 hours accounting
 - ACCT-2213 Accounting Principles II
- 3 hours chosen from
 - ACCT-3113 Intermediate Accounting I
 - ACCT-3313 Cost Accounting
 - ACCT-3413 Income Taxation

Finance Minor

19 hours required

- 13 hours Business mini-core
- 3 hours finance
 - FINC-3313 Financial Management
- 3 hours chosen from
 - FINC-3513 Money and Banking
 - FINC-3613 Investments

General Business Minor

19 hours required

- 13 hours Business mini-core
- 6 upper division hours from any two business disciplines

International Business Minor

19 hours required

- 13 hours Business mini-core
- 3 hours finance
 - INTL-4123 International Finance
- 3 hours chosen from
 - BUSA-4513 International Business
 - INTL-4413 International Management
 - INTL-4513 International Economics
 - INTL-4723 Global Marketing
 - INTL-4813 International Consulting and Development

Management Minor

19 hours required

- 13 hours Business mini-core

2. 6 hours chosen from

BUSA-3713	Contemporary Business Ethics
INFO-3113	Principles of Electronic Business
MGMT-3213	Production Operations Management
MGMT-4313	Organizational Behavior
MGMT-4513	Human Resource Management

Marketing Minor

19 hours required

- 13 hours Business mini-core
- 6 hours marketing chosen from
 - MKTG-3413 Consumer Behavior
 - MKTG-3513 Electronic Commerce and Online Marketing
 - MKTG-3713 Sales Management and the Sales Process
 - MKTG-4313 Promotional Strategies

SCHOOL OF EDUCATION

Physical Education Minor

18 hours

- 8 hours required
 - PHED-1113 Introduction to Sport, Wellness and Recreation
 - PHED-2213 Methods of Teaching Health and Physical Education in the Elementary Schools
 - PHED-2412 Care and Prevention of Athletic Injuries
- 2 hours activity courses
- 8 hours electives from any Physical Education course
 - Teacher education candidates may complete a Physical Education minor for an additional area of teacher licensure

Teacher Education

Professional Education Minor

18 hours

- 10 hours required
 - EDUC-3122 School in American Culture
 - EDUC-3213 Learning, Instruction and Assessment
 - EDUC-3422 Educational Technology
 - EDUC-3723 Education of the Exceptional Child
- 3 hours psychology
 - PSYC-3523 Developmental Psychology
- 5 hours electives from
 - Education
 - Early Childhood Education
 - Elementary Education

Students wishing to pursue an Education minor must be approved by the Chair of the School of Education. A plan of study, as determined by the major advisor and the Chair of the School of Education, must be filed. Students must meet prerequisites as defined by the catalog. This is also the suggested course of study for students pursuing a Interdisciplinary Studies Degree.

Alternative Certification

The following requirements are for those persons who hold a bachelor's degree in the discipline in which the license is sought.

18 hours

- 10 hours required
 - EDUC-3122 School in American Culture
 - EDUC-3213 Learning, Instruction and Assessment
 - EDUC-3422 Educational Technology

- EDUC-3723 Education of the Exceptional Child
- 2. 3 hours appropriate methods course
- PSYC-3523 Developmental Psychology
- 3. 5 hours of course work from the department that houses the licensure program Exceptions may be granted through the approval of the Chair of the School of Education.

A student who has been denied admission to teacher education or who has lost admission status will not be approved for alternative certification.

Spanish Proficiency:

Any candidate for teacher licensure may achieve a Spanish Proficiency by completing one of the following:

1. a minimum of 12 hours in Spanish or the equivalent of courses through Intermediate Spanish II
2. eighteen hours in Spanish or the equivalent of two courses beyond Intermediate Spanish II
3. four courses beyond novice-level proficiency. Additional requirements include field experience for immersion in the Spanish language (to be approved by advisor).

Students may earn six of the required 12 hours in Spanish while spending a full month immersed in the target language and culture. The proficiency is noted on the transcript, but has no effect on licensure.

SCHOOL OF ENGINEERING

MATHEMATICS, COMPUTER SCIENCE, AND INFORMATION SYSTEMS

Computer Science Minor

18 hours

1. 12 hours required
 - CMSC-1113 Programming I
 - CMSC-1123 Programming II
 - CMSC-2413 Introduction to Assembly Language
 - CMSC-2423 Introduction to File Processing
2. 6 hours may be chosen from computer science courses; at least 3 of those hours must come from courses numbered 3000 or above.

Information Systems Minor

18 hours

1. 16 hours required
 - CMSC-1003 Introduction to Information Technology
 - CMSC-1113 Programming I
 - CMSC-1123 Programming II
 - CMSC-4123 Introduction to Software Tools
 - CMSC-4214 Systems Analysis and Design
2. 2 hours may be chosen from
 - CMSC-2262 Java
 - CMSC-2272 COBOL
 - CMSC-2282 C++
 - CMSC-2302 Perl
 - CMSC-2312 Advanced C++
 - CMSC-2322 Visual Basic.NET
 - CMSC-2332 C#

Mathematics Minor

18 hours mathematics, including at least 6 hours numbered 3000 or above.

Engineering Minor

18 hours

1. 7 hours required
 - PHYS-2513 Physics I
 - MATH-2114 Calculus I with Analytical Geometry
2. 11 hours chosen from
 - Engineering Science, Computer Engineering, Electrical Engineering, Electrical Engineering courses or PHYS-1911.

COURSE DESCRIPTIONS

While OC will attempt to offer every course when noted in the catalog, there will be times when a course may not be offered when noted in the catalog or when a course might be offered at a time other than when noted in the catalog. Students are advised to check each semester's course schedule and to confer with their advisors regarding particular courses.

ACCOUNTING (ACCT)

2113 ACCOUNTING PRINCIPLES I

Purpose of accounting, recording transactions, preparing financial statements, the use of special journals and general and subsidiary ledgers, introduction of accounting principles, accounting for a merchandising firm and payroll accounting. This course is normally offered every semester.

2213 ACCOUNTING PRINCIPLES II

Prerequisite: ACCT-2113.

Continuation of Accounting Principles I. Partnership accounting, corporation accounting, additional accounting principles, analyzing and interpreting financial statements, development of management decision-making accounting data, introduction to cost accounting and cost-volume-profit analysis. This course is normally offered every semester.

3113 INTERMEDIATE ACCOUNTING I

Prerequisite: ACCT-2213.

Study of accounting theory and assumptions underlying Generally Accepted Accounting Principles related to financial statements, generally, and current assets, specifically. Special consideration is given to pronouncements of the Financial Accounting Standards Board, the American Institute of Certified Public Accountants, the American Accounting Association and the Securities and Exchange Commission. This course is normally offered fall semester.

3213 INTERMEDIATE ACCOUNTING II

Prerequisite: ACCT-3113.

Continuation of Intermediate Accounting I. Study of Generally Accepted Accounting Principles related to plant assets, liabilities and capital, financial statement analysis, price level accounting, and leasing transactions. This course is normally offered spring semester.

3313 COST ACCOUNTING

Prerequisite: ACCT-2213. (For accounting majors)

The development of cost and accounting data for internal use in planning, control and decision making by managers. Topics and techniques studied are job-order and process cost accounting; accounting for materials, labor and factory overhead costs; standard cost accounting; payroll; budgeting; responsibility accounting; cost-volume-profit analysis and direct costing. This course is normally offered spring semester.

3323 MANAGERIAL ACCOUNTING

Prerequisite: ACCT-2213. (For non-accounting majors.)

Study of the use of cost accounting data as a tool for planning, control and decision making by managers. Topics studied include the nature of costs and their behavior; design of job-order and process cost accounting systems; cost-volume-profit relationships and profit planning; segmented reporting; comparison of direct costing with absorption costing; control of operations through standard costs and flexible budgets; pricing of products and services; relevant costs for decision-making and capital budgeting. This course is offered as needed.

3413 INCOME TAXATION

Prerequisite: ACCT-2213.

An introduction to the federal income tax, considering income, deductions, payment of tax and other matters relating to personal income tax returns. This course is normally offered fall semester.

3513 ADVANCED FEDERAL TAXATION

Prerequisite: ACCT-3413.

A continuation of the study of the federal income tax as it relates to corporations, partnerships and fiduciaries. Also included is the study of more specialized income tax problems and the federal Social Security, estate and gift taxes. This course is normally offered spring semester.

3713 ACCOUNTING INFORMATION SYSTEMS

Prerequisite: ACCT-2213.

Concepts underlying the analysis, design, use, control and audit of accounting information systems. The flow of accounting information through computerized information systems is emphasized. This course is offered as needed.

4113 ADVANCED ACCOUNTING I

Prerequisite: ACCT-3113.

A study of the application and theory of budgetary and fund accounting, with emphasis on governmental and not-for-profit entities. Other specialized accounting applications involving foreign operations and partnership accounting are also examined. This course is normally offered fall semester.

4213 ADVANCED ACCOUNTING II

Prerequisite: ACCT-3113.

A study of advanced accounting problems related to consolidations, mergers, acquisitions, branch operations, segment reporting, interim reporting and the Securities and Exchange Commission. This course is normally offered in the spring semester.

4313 ADVANCED COST ACCOUNTING

Prerequisite: ACCT-3313.

Additional study in the development of cost and managerial accounting data for use in planning, control and decision making by managers. The course includes the use of such tools as linear regression, simulation and linear programming, and it also covers capital budgeting, segment performance and decision-making behavior under uncertainty. This course is normally offered in the spring semester.

4413 AUDITING

Prerequisite: ACCT-3113.

Preparation toward a professional accounting career as a Certified Public Accountant in examining and rendering professional opinions on the fairness of organizations' financial statements. The course emphasizes the nature of auditing, internal control systems, auditing techniques and evidence, audit working papers and reports and professional ethics and independence. This course is normally offered in the fall semester.

4423 ETHICS AND AUDITING CONCEPTS

Prerequisite: ACCT-4413.

A continuation of the study of auditing, with emphasis given to internal, operational and compliance auditing, audit risk analysis and in-depth case analysis. Case studies are used for research and instructional purposes. This course is normally offered in the spring semester and summer.

4433 INCOME TAX PLANNING AND RESEARCH

Prerequisite: ACCT-3513.

A specialized study in the areas of tax planning and research. Emphasis is given to legal ways to minimize tax liability through yearly planning, elections and deferral of income. Extensive computerized tax research is performed to aid in tax planning. This course is offered as needed.

4513 FINANCIAL ACCOUNTING THEORY AND PRACTICE

Prerequisite: ACCT-3213.

An in-depth study of contemporary accounting theory with primary emphasis on the pronouncements of the Financial Accounting Standards Board. The main objective is to gain deeper insights into the theory and critical analysis underlying Generally Accepted Accounting Principles and to apply them to financial statement preparation. Study centers on selected parts of the following FASB pronouncements: (1.) statements of Financial Accounting Standards, (2.) interpretations of ARBs, APB Opinions and FASB Statements of Standards, (3.) technical bulletins, and (4.) statements of Financial Accounting Concepts. This course is normally offered in the spring semester.

4900 INDEPENDENT STUDY IN ACCOUNTING

Assigned readings, reports and research projects based on the needs of the student. A maximum of 3 hours may be counted toward major. 1-3 semester hours; 50 hours work required for each hour of credit earned, with a maximum of 3 credit hours. This course is offered as needed.

4990 INTERNSHIP IN ACCOUNTING

Prerequisites: admission to School of Business Upper Division, completion of ACCT-3113 and approval of the advisor and dean. Supervised and approved accounting internship with firm or organization; written and oral reports are required along with employer evaluation. (Variable credit) This course is offered as needed.

ART AND DESIGN (ARTS)

1103 TECHNOLOGY FOR GRAPHICS

An introduction to the use of computer hardware, software, and peripherals for the production of visual images. Students research and practice computer operations and produce digital visuals using both painting and drawing software applications. This course is normally offered every semester.

1113 FUNDAMENTALS OF DRAWING

An introduction to the fundamental approaches to drawing with attention given to the concepts and processes that constitute the language of visual expression. This course is normally offered in the fall semester.

1213 FIGURE DRAWING

A study of the human form with attention given to the concepts and processes that constitute the language of visual expression. This course is normally offered in the spring semester.

1413 ELEMENTS OF VISUAL THINKING

A study of the elements of art. Studio work includes two-dimensional experimentation and exercises that nurture creative visual expression, which integrate critical discourse through the development of the language of art and design. This course is normally offered in the spring semester.

1623 INTRODUCTION TO INTERIOR DESIGN

An overview of the interior design profession and an introduction to basic graphic communication skills, including hand drafting, with experiences in observing professional designers, producing scaled drawings of floor plans, and application of the elements and principles of design. This course is normally offered in the fall semester.

1643 INTERIOR TEXTILES, MATERIALS AND FINISHES

A study of interior textiles (fabrics and upholstery). Fabric content, properties, construction process, dyeing, and printing are examined. Basic building materials (wood, glass, metal, masonry, etc.) as well as wall coverings and hard floor treatments and their properties and uses will be addressed. Students will learn through case studies and examples to measure and figure correct amounts of materials to order. This course is normally offered in the spring semester.

1653 COMPUTER AIDED DESIGN

Prerequisites: ARTS-1623, permission of instructor.

Use of software (Auto-CAD) in the creation of two-dimensional representation of built forms and spaces for interiors. This course is normally offered in the spring semester.

2123 RENDERING IN PERSPECTIVE

Prerequisites: ARTS-1623 and ARTS-1643.

A study of rendering materials, methods and techniques and how they relate to a 1-, 2-, 3-point perspective. The course will explore color theory as well as shade and shadow elements as they are used with various mediums such as marker, colored pencil, ink and mixed mediums. Advanced problems in rendering and visual presentation are explored throughout the course. This course is normally offered in the spring semester.

2223 INTRODUCTION TO COMMUNICATION DESIGN

Prerequisites: ARTS-1103 and ARTS-1413.

An introduction to the advertising, graphic design and new media industry. Studio work includes print media design and graphic design with directed outcomes based upon research, strategy-based conceptualization, and execution. This course is normally offered in the fall semester.

2233 TYPE AS VISUAL LANGUAGE

Prerequisites: ARTS-2223 and ARTS-2323.

A study of letterforms and fundamental typographic principles. Studio work includes typographic expression and communication with and without image and its relationship to message and purpose. This course is normally offered in the spring semester.

2243 INTERACTIVE MEDIA DESIGN I

Prerequisite: ARTS-1413.

Introduction to the aesthetic and technical concerns of interactive media production: human-computer interactivity, Website design and development, usability issues, and dynamic narrative. Students design, produce, and deploy interactive projects. This course is normally offered in the spring semester.

2323 DIGITAL DESIGN FOR PRINT

Prerequisites: ARTS-1103 and ARTS-1413.

Use of digital design tools for the production of single-page and multi-page printed documents: print advertising, marketing, and stylized content delivery. This course is normally offered in the fall semester.

2403 DIGITAL PHOTOGRAPHY

Prerequisites: ARTS-1103 and ARTS-1413.

A study of digital photography in the creation of visual images for all media including print, broadcast and new media with special attention to producing photographs that are enhanced by computer software. The student will need to own, or have access to, a camera with manual override. This course is normally offered in the spring semester.

2423 HISTORY OF PHOTOGRAPHY AND MOTION PICTURES

This class entails a chronological study of the photographic arts and motion pictures. The course content examines the technological innovations and famous innovators from photography's introduction. Lectures analyze photos and motion pictures from various critical/historical perspectives to offer a comprehensive overview of important photographers, fine artists, photojournalists and film makers of the modern age. This course is offered as needed.

2513 PAINTING I

Prerequisites: ARTS-1113 and ARTS-1413 or permission of instructor.

A study of materials, techniques and concepts fundamental to painting. The course encourages students to originate and produce a portfolio of paintings experimenting with various processes and historical ideas. This course is normally offered in the spring semester.

2523 FORM & COMMUNICATION

A study of the elements of art and their supportive elements. Studio work includes three-

dimensional experimentation and exercises that relate ideas, objects, material, and space, with form studies that examine organic and constructed elements. This course is normally offered in the fall semester.

2623 RESIDENTIAL INTERIOR DESIGN

Prerequisites: ARTS-1113, ARTS-1413, ARTS-1623 or concurrent enrollment.

A study of residential design with emphasis on kitchen and bath planning. This course is normally offered in the spring semester.

2653 SPACE PLANNING AND SYSTEMS FURNITURE

Prerequisites: ARTS-1623, ARTS-1653.

A study of the application of human factors, space standards and space planning principles to residential and commercial environments. This course is normally offered in the fall semester.

2663 ARCHITECTURAL GRAPHICS

Prerequisites: ARTS-1643.

Further development of drafting skills with emphasis on hand lettering, dimensioning, materials delineation of floor plans, drawing elevations, sections and perspectives. This course is normally offered in the fall semester.

2743 DIGITAL 3D MODELING AND ANIMATION I

Creation of virtual objects and environments. Students use the computer to model, texture, light, render, and animate dynamic objects and scenes in digital three-dimensional space. This course is normally offered in the spring semester.

3033 CHRISTIAN AESTHETICS IN THE VISUAL ARTS

Prerequisite: Junior or Senior Standing.

A seminar course addressing a Christian response to contemporary cultural issues in the visual arts.

3113 PRINTMAKING: INTAGLIO AND RELIEF

Prerequisites: ARTS-1213 and ARTS-1413.

Designed to introduce you to the tools, history, and basic techniques of printmaking through the use of the etching press. Etching, drypoint, collograph, relief, and monotype techniques will be discussed. Students are encouraged to explore the problems and concerns of their own images technically through multiples and one-of-a-kind prints. A series of critiques, group discussions, research and information gathering assignments, lectures and demonstrations complement studio work. This course is normally offered in the fall semester.

3123 PRINTMAKING: SERIGRAPHY

Designed to introduce you to a survey of screen-printing techniques including hand-cut, painted and photographic stencils and multi-color printing. This course is an introduction examination of water-based serigraphic techniques, concentrating in process and aesthetic development. Monotype and monoprint techniques will also be discussed. A series of critiques, group discussions, research and information gathering assignments, lectures and demonstrations complement studio work. This course is normally offered in the spring semester.

3163 ANIMATION PRINCIPLES & PRACTICES

Prerequisite: ARTS-2243, Junior or Senior standing.

History, theory, and technique of traditional and contemporary approaches to animation. Includes studies in fundamentals of digital storytelling, physics, animation aesthetics, expression, kinetics, and motion. Projects include work in digital 2D and 3D, stop-motion, rotoscoping, and other animation environments. This course is normally offered in the fall semester.

3173 3D MODELING AND ANIMATION II

Prerequisite: ARTS-2743.

In this course students will study and practice techniques used in character design, modeling and rigging using 3D computer software. Advanced 3d modeling, shading, rendering, and character-design skills are developed in conjunction with traditional story, animation, lighting, and cinematography methods. Designs for game animation will be compared with designs for film and video. Action and motion sequences will be created and studied. This course is normally offered in the fall semester.

3213 PAINTING II

Prerequisite: ARTS-2513.

A further study of the techniques and processes of painting with special attention to the development of the student's direction and portfolio development. This course is normally offered in the spring semester. This course is normally offered in the spring semester.

3243 GRAPHIC DESIGN

Prerequisite: ARTS-2233.

A study of integrating message, typography, and image through conceptual innovation. Studio work includes necessary vehicles for information, narrative, promotion, and marketing. This course is normally offered in the fall semester.

3253 PRINT AND SOCIAL MEDIA DESIGN

Prerequisite: ARTS-3243.

A study of merging written messages with design. Studio work includes media bought print applications with ancillary forms of design communication. This course is normally offered in the fall semester.

3263 ADVANCED GRAPHIC DESIGN

Prerequisite: ARTS-3243.

A further study of blending messages and content with design and application. Studio work is a continuation of necessary vehicles for information, narrative, promotion, and marketing, sometimes in relation to integrated design through several platforms of communication. This course is normally offered in the spring semester.

3333 HISTORY OF DESIGN

A comprehensive chronological survey of the impact and transformation of design upon Western civilization. Ideas and changes are explored through disciplines such as graphic design, industrial design, product design, photography, architecture, furniture and fashion. This course is normally offered in the spring semester.

3343 ANCIENT TO MODERN ART HISTORY

A focus on the pivotal artists, movements and concepts from each era. Art, as it has been shaped by cultural, social, political and economic factors will be examined in a chronological study from pre-history to mid-twentieth century. This course is normally offered in the fall semester of even-numbered years.

3353 CONTEMPORARY ART

A chronological study of modern art from 1945 to the present. In-depth study will be on the many artists, movements, critical theories, cultural conditions and global issues that have shaped art of the modern and postmodern age. This course is normally offered in the fall semester of odd-numbered years.

3363 PHOTOGRAPHY I

Prerequisite: ARTS-2403.

Course will focus on production of portfolio/exhibition quality photographic images. Students will work in a digital format with an emphasis on developing/exploring personal direction in fine art photography. This course is normally offered in the fall semester.

3373 PHOTOGRAPHY II

Prerequisite: ARTS-3363.

Course will offer student further development of their personal fine art photographic projects. Emphasis will be on production of exhibition /portfolio quality digital photographic work. This course is normally offered in the spring semester.

3383 MOTION IMAGERY

Introduces students to the principles and elements of motion design through studio practices at beginning and advance levels. The first phase, "type in motion", emphasizes the relationship between typography principles and animation fundamentals. The second phase is an advanced applied approach to the language and principles of motion-building upon existing knowledge in the first phase: synthesizing the language of motion simultaneously with an emphasis on narrative and narrative structure. In addition to stressing systems, structure, and synthesis of text and image for time-based media, the course also provides knowledge and skills in digital creativity. This course is offered as needed.

3443 INTERACTIVE MEDIA DESIGN II

Prerequisite: ARTS-2243.

Study of interactive design and further exploration into production capabilities of industry standard web authoring software. Topics include: dynamic content, file management, internet typography, development of user interfaces, site maps, external web functionality and trouble-shooting. This course is intended for designers who wish to consolidate and apply their prior knowledge and skills of interactive design. This is a culminating experience and designers are expected to demonstrate sophisticated interactive design decisions and produce final works that demonstrate a high level of expertise and achievement. This course is normally offered in the fall semester.

3453 TEAM GAME PRODUCTION I

Prerequisite: ARTS-2743.

This course provides a foundation in the game development process, including planning, pipelines and documentation for game projects, game technology, artificial intelligence, and user interface design, game testing, project and asset management, team dynamics, and usability analysis. Students apply game design and development skills to create a 2-D and 3-D game demo as part of small project teams. This course is offered as needed.

3513 GRAPHIC ARTS PRODUCTION

Prerequisite: ARTS-3263.

An introduction to a basic understanding of preparing art for reproduction through textbook material, lectures and an internship. This course is normally offered in the summer.

3523 ILLUSTRATION I

Prerequisites: ARTS-2523.

A study of materials, techniques, processes and ideas fundamental to the discipline of illustration, with special attention to creating selected works for editorials, posters, covers and collateral materials. This course is normally offered in the fall semester.

3533 HISTORIC INTERIOR DESIGN, (ANTIQUITY TO 1850)

Prerequisites: ARTS-1113 and ARTS-1623.

A study of decorative arts, furniture and interiors as they have evolved from ancient Egypt to the industrial revolution. Emphasis is given to the ways ancient motifs and decorative designs have been continually repeated and used from the original historic periods to the present. This course is normally offered in the fall semester of even-numbered years

3613 INTERIOR SYSTEMS

Prerequisites: ARTS-1623 and ARTS-1653.

A study of interior lighting design, acoustics and HVAC (heating, ventilation and air conditioning) systems. A lighting project is assigned to help students learn how to use electrical and lighting symbols and how to write a lighting schedule. The course also covers natural energy sources with attention to insulation techniques and the structural types of passive-solar and earth-sheltered. This course is normally offered in the fall semester.

3623 COMMERCIAL DESIGN I

Prerequisites: ARTS-1643 and ARTS-2653.

A study of contract/commercial design and space planning principles. Projects involve public or business spaces, with barrier-free design principles included. Drafting and presentation skills are further reinforced. This course is normally offered in the fall semester.

3633 CONTEMPORARY INTERIOR DESIGN (1850 TO PRESENT)

Prerequisite: ARTS-1623.

A study of design movements affecting furniture and interiors from 1850 to present, emphasizing the evolution in design concepts and philosophies of eminent architects and designers. The Function Complex theory and the design process are investigated. This course is normally offered in the spring semester of odd-numbered years.

3643 COMMERCIAL DESIGN II

Prerequisite: ARTS-3623.

A study of non-residential interiors with an emphasis on programming, light safety and building codes, barrier-free design and space and activity planning of the interior environment. This course is normally offered in the spring semester.

3773 THE BUSINESS OF BRANDING YOURSELF

Prerequisite: Junior standing.

A study directed to the challenges of seeking employment in creative industries after graduation, establishing a business, and developing healthy professional and personal finance practices. This course is normally offered in the spring semester.

4213 PAINTING III

Prerequisite: ARTS-3213.

Advanced painting course emphasizing the production of finished portfolio with preparation of student's senior exhibition. This course is normally offered in the spring semester.

4223 GAMING AND ANIMATION STUDIO

Prerequisites: Senior standing and permission of instructor.

Students participate in the new media production process for design and development of client driven projects in a team environment. This course is normally offered in the fall semester.

4253 INTEGRATED MARKETING DESIGN

Prerequisite: ARTS-3253.

A study of integrating various vehicles of communication into a single message. Studio work includes advertising, graphic design and new media design to market a product, service or idea based upon research and strategy-based concepts. This course is normally offered in the spring semester.

4333 COMMERCIAL STUDIO PHOTOGRAPHY

Students will work in a digital format with an emphasis on producing a professional portfolio of photographic images encompassing fine art and commercial applications. As a final studio course, students will be required to submit work to national photographic competitions and public exhibitions. This course is offered as needed.

4523 ILLUSTRATION II

Prerequisite: ARTS-3523.

An advanced illustration studio class that concentrates on producing and refining a body of work to augment the student's portfolio. Continued focus on traditional vehicles of illustration such as editorials, posters, and collateral materials and exploration of non-traditional approaches to the illustration medium. This course is normally offered in the spring semester.

4613 INTERIOR DESIGN PROFESSIONAL PRACTICES AND PORTFOLIO

A history and introduction of interior design career management focusing on professional responsibilities, professional organizations, management of office processes, client relationships and overview of establishing and organizing a business. This course is normally offered in the spring semester.

4633 SENIOR INTERIOR DESIGN STUDIO

Prerequisite: Senior standing.

Designing interior solutions related to non-residential interiors. This senior-level course will also survey business procedures, contract services and administration and preparation for job market entry as applied to the practice of Interior Design and will culminate with a portfolio presentation to a panel of professionals. This course is normally offered in the fall semester.

4643 SENIOR EXHIBIT

Prerequisite: Senior standing and instructor's permission.

A showing of visual works developed over the course of the student's college years. This exhibit and reception are the culmination of the student's collegiate experience. This course is offered as needed.

4653 PHOTO + VIDEO CAPSTONE

Prerequisite: ARTS-3173.

Examination of photography + video topics includes: portfolio and resume development, preparations for the workforce and/or graduate studies, and conducting research, and sharing the results with the class. This course is offered as needed.

4663 GAMING + ANIMATION CAPSTONE

Prerequisite: ARTS-3173.

Examination of gaming + animation topics related to ethical concerns includes: portfolio and resume development, preparations for the workforce and/or graduate studies, and conducting results with the class. This course is offered as needed.

4810 GRAPHIC DESIGN INTERNSHIP

Prerequisite: ARTS-3243.

An internship with an advertising agency or graphic design studio. 1 credit hour for every 50 hours the student works, not to exceed 3 credit hours per semester. This course is offered as needed.

4820 INTERIOR DESIGN INTERNSHIP

Prerequisite: Junior or Senior standing.

An internship with a residential or commercial design firm. (1 credit hour for every 50 hours of student work, not to exceed 3 credit hours per semester.) This course is offered as needed.

4830 ART INTERNSHIP

Prerequisite: Junior or Senior standing.

An internship with a gallery, museum, theme park, theater production company, frame shop or art supply company. 1 credit hour for every 50 hours the student works, not to exceed 3 credit hours per semester. This course is offered as needed.

4840 GAMING AND ANIMATION INTERNSHIP

Prerequisite: Permission of instructor.

An internship with a new media department. (1 credit hour for every 50 hours the student works, not to exceed 3 credit hours per semester.) This course is offered as needed.

4900 INDEPENDENT STUDY

Prerequisites: Junior or Senior standing and permission of instructor.

Provides opportunity for the well-qualified student to do supervised individual work in an area of special interest. Either art history or studio areas may be chosen. (1-3 hours) This course is offered as needed.

BIBLE (BIBL)

1103 INTRODUCTION TO THE BIBLE I

Prerequisites: permission of instructor.

Introduces students who have little or no familiarity with the Bible or the Christian faith to the basic message, concepts and characters. The course, along with Introduction to the Bible II, prepares students to enter the regular core Bible curriculum the following year. This course is normally offered in the fall semester.

1203 INTRODUCTION TO THE BIBLE II

Prerequisite: permission of instructor.

This course is a continuation of BIBL-1103 and is also intended for students with little or no familiarity with the Bible. Students will continue learning the basic message, concepts and characters of the Bible. This course is normally offered in the spring semester.

1212 LIFE OF CHRIST: MATTHEW

A study of the life and teachings of Jesus as set forth in Matthew. Special attention is given to the deity of Jesus, His miracles, His teachings, especially focusing upon the Sermon on the Mount, His death and His resurrection. This course is normally offered in the fall semester.

1312 LIFE OF THE EARLY CHURCH: ACTS

A study of the establishment and growth of the early church. Emphasis is placed on the major Christian doctrines taught in the first century and the application of those doctrines to the life of the early church. This course is normally in the offered spring semester.

2202 STORY OF THE OLD TESTAMENT

Begins with a survey of periods of Bible history to provide a structure to connect the Bible story from creation through redemption by Christ and the early history of the church. The course develops the first twelve periods which cover the Old Testament. This study considers essential scripture texts in each period, principles in interpreting these scriptures, and related history and archaeology. This course is normally offered in the fall semester.

2302 STORY OF THE NEW TESTAMENT

Follows Story of the Old Testament and develops the last three periods of Bible history: intertestamental, life of Christ and history of the early church. The course also studies briefly the history of the church since the end of the first century, including both the Reformation Movement and the Restoration Movement. The course also discusses important current issues in the church. This course is normally offered in the spring semester.

2312 EVIDENCES OF CHRISTIANITY (APOLOGETICS)

A study of the evidences for the existence of God and Christ as God's supreme revelation. Emphasis is given to providing a modern case for the existence of the God of the Bible. Non-textual. This course is normally offered in the fall semester.

2512 PERSONAL EVANGELISM

Includes the methods and approaches for doing personal Bible instruction along with intensive study on the biblical issues that typically arise in doing such studies. Non-textual. (Same as RLED-2512.) This course is normally offered every semester.

2713 INTRODUCTION TO MINISTRY

Introduces the ministerial student to Christian ministry in general, with special emphasis on the ministries of pulpit, religious education, and youth. Study focuses on the biblical basis for ministry, management skills, people skills and personal growth. Reading and writing assignments allow the student to emphasize the ministry of choice. Non-textual. This course is normally offered in the fall semester.

3002 GENESIS AND EXODUS

A study of God's work in creation and in establishing his eternal plan of salvation. The following subjects are covered: the biblical account of creation with a study of alternate beliefs such as the theory of evolution, science and faith, the nature of man, temptation and fall, the flood, the call of Abraham and the beginning of the Israelites, the doctrine of divine election, the bondage and the exodus, the Ten Commandments and basic morality, type and ante type of the tabernacle. This course is normally offered in the spring semester of odd numbered years.

3003 VOCATIONAL MINISTRY

A study of issues pertaining to Christian service on the part of those who are not engaged in full-time paid ministry, whether in domestic or foreign mission contexts. Emphasis will be placed on applying diverse gifts and talents in a variety of fields of endeavor for the purpose of building and strengthening the Lord's church worldwide. Non-textual. This course is normally offered in the fall semester of odd numbered years.

3013 HERMENEUTICS

Prerequisite: BIBL-2203.

A study of the valid rules and principles governing correct biblical exegesis and application. The course is designed to lead the student into a better understanding of how to make applications of biblical teachings and principles. This course is normally offered spring semester.

3102 I CORINTHIANS

A thorough analysis of Paul's epistle to the church at Corinth. Special emphasis is given to the problems faced by Christianity in a pagan center and to the application of Christian principles in solving various disorders in conduct and doctrine in a local church. This course is normally offered in the spring semester of even numbered years.

3113 THE NEW TESTAMENT CHURCH

A study of the sociological characteristics of the first century church with special attention to various New Testament letters and to the Gospels' descriptions of the church's organization, mission work, worship and destiny. Non-textual. This course is normally offered in the spring semester of even numbered years.

3143 THE SCIENTIFIC CHRISTIAN

Prerequisites: Junior or Senior standing, science or engineering major, or permission of instructor.

Especially designed to help science majors who are Christians explore the relationship between faith and science. Many Christian college graduates who are trained in the sciences and are also active church members report that people seem to expect them to be able to answer all the hard questions about science and Christianity. This course is not designed to answer all the hard questions, but it is designed to assist Christians in thinking about their own responses to them. This course is normally offered in the fall semester of even numbered years.

3153 CHURCH GROWTH

A study of the dynamics involved in planting, sustaining, and reproducing growing churches. Emphasis is given to various factors that affect quantitative, qualitative and organic church growth. (Same as MISS-3213.) Non-textual. This course is normally offered in the fall semester of even numbered years.

3173 CHURCH HISTORY TO 1517

A comprehensive historical survey of the Christian religion from its beginning to the 16th century Reformation. Special emphasis is given to the nature of the early church, later doctrinal controversies, papal development and outstanding personalities of this period. Non-textual. This course is normally offered in the fall semester of even numbered years.

3183 CHURCH HISTORY 1517 TO PRESENT

A continuation of BIBL-3173 dealing with Christian history from the sixteenth-century Reformation to the present, with emphasis on the nineteenth-century Restoration Movement in America. Non-textual. This course is normally offered in the spring semester of even numbered years.

3203 BIBLICAL EXEGESIS

Prerequisite: ENGL-2113.

A study of important tools and methodologies for better understanding of the Bible. Includes the basics of exegesis so students can do serious research. This course is normally offered in the fall semester.

3213 THE PENTATEUCH

An intensive study of the first five books of the Old Testament, with emphasis on key theological themes: creation, sin, God's promises to Abraham, liberation, and the purpose of the Law. This course is normally offered in the fall semester.

3222 RELIGIOUS EDUCATION OF CHILDREN

A study of the age characteristics, motivational principles, learning methods and curriculum for teaching the Bible to children from birth to age 12. (Same as RLED-3222 and YTMN-3222.) This course is normally offered every semester.

3223 GALATIANS, I AND II THESSALONIANS

A thorough analysis of three important Pauline epistles. Special attention is given to the relation of Christianity to the Law of Moses and to the second coming of Christ. This course is normally offered in the spring semester.

3233 I AND II TIMOTHY, TITUS

A thorough study of the epistles of Paul to Timothy and Titus with special emphasis on the historical occasion that prompted these letters. Among the issues covered are the qualifications of church leaders, social-ethical obligations of Christians and roles in public assemblies. This course is normally offered in the spring semester.

3243 OLD TESTAMENT PROPHETS: 7TH TO 5TH CENTURY

An introduction to Israel's prophets who lived during the seventh, sixth and fifth centuries. Emphasis will be given to the historical setting and message of each prophet, with special attention to the relevance of these messages for today. This course is normally offered in the fall semester of odd numbered years.

3313 JAMES TO JUDE

Designed to acquaint the student with the specific content and principles for Christian living found in the General Epistles of the New Testament. This course is normally offered in the fall semester.

3413 CHRISTIAN FAMILY

Prerequisite: Junior or Senior standing.

A study of marriage, with emphasis on the characteristics of a Christian family. Special attention is given to communication, financial management, conflict resolution, sexuality, and biblical teaching on marriage. Non-textual. This course is normally offered every semester.

3422 MARRIAGE DEVELOPMENT

A laboratory class designed to assist first-year married couples in diagnosing and intervening in the areas of their marriage that most need strengthening. Because a spiritual foundation is essential to any successful marriage, special attention is given to that area. For married couples only. Non-textual. This course is normally offered in the fall semester.

3423 ARCHAEOLOGY AND THE NEW TESTAMENT

A study of the archaeological findings and site locations that are related to New Testament history and interpretation. Textual or Non-textual. This course is normally offered in the spring semester.

3433 ARCHAEOLOGY AND THE OLD TESTAMENT

A study of site locations and archaeological locations in Bible lands for greater understanding of the Old Testament. Textual or Non-textual. This course is normally offered in the fall semester.

3443 BIBLE AS LITERATURE

In this course students will exam the Bible not only as God's inspired word, but also as a literary text. Critiques and analyses from biblical scholars and scholars of literature will be explored. In addition, students will write about biblical texts paying attention to the literary details in these texts. Same as ENGL-3443. This course is normally offered in the spring semester.

3453 PERSONAL AND FAMILY FINANCE

This course is designed to help individuals and families learn the basics of managing their finances in a biblical way. Topics covered in this class include: budgeting, investing, insurance, buying your own home, and teaching your children about money. (Same as FMST-3453.) This course is normally offered every semester.

3512 PRISON EPISTLES

A study of the historical background and the contents of Ephesians, Philippians,

Colossians and Philemon. Emphasis is given to each epistle's outstanding teachings and practical value. This course is normally offered in the fall semester of odd numbered years.

3573 PSYCHOLOGY OF RELIGION

A study of the relationships between social dynamics, culture and religion, with emphasis upon Christianity. Special attention to psychological and sociological bases of the religious life. (Same as PSYC-3573 and SOCI-3573.) Non-textual. This course is offered as needed.

3612 SPIRITUAL DEVELOPMENT OF CHILDREN

A study of the spiritual development of children as it applies to both churches and parents. Study will focus on how Scripture, tradition, reason, and experience are connected in shaping a child's spiritual development. Through reading, interviewing, and assignments students will learn first-hand how to better equip churches and parents to fulfill this role. This course is normally offered in the fall semester of even numbered years.

3613 JOB TO SONG OF SOLOMON

An introduction to the wisdom and devotional literature of ancient Israel. This course considers the practical lessons of Proverbs, the problem of suffering in the book of Job, the meaning of life in Ecclesiastes, and the language of praise and faith in the book of Psalms. Special attention is given to the relevance of this literature for contemporary life and faith. This course is normally offered in the spring semester.

3673 NEW RELIGIOUS MOVEMENTS

A study of explicitly religious teachings and practices in a wide variety of new religious movements, as well as quasi-religious teachings and practices in such areas as alternative medicine, the environment, self-help and psychotherapy, and the New Age movement. Fulfills the core curriculum non-Western civilization requirement. (Same as MISS-3673.) Non-textual. This course offered as needed.

3712 HEBREWS

A detailed study of this important New Testament epistle with emphasis on the supremacy of Christ, the old covenant and the new covenant, the danger of apostasy, and the mighty deeds of the faithful. This course normally offered in the spring semester of even numbered years.

3713 CONTEMPORARY ETHICS

This course includes a brief history of ethical theory in Western civilization and a survey of several modern secular ethical systems. These are contrasted with biblical principles and Christian systems during discussions of specific topics such as sexuality, marriage, divorce, abortion, euthanasia, the relation of Christians to the state, wealth and poverty, war and peace, race relations, and social justice. Non-textual. (Same as SOCI-3713.) This course is normally offered in the fall semester of odd numbered years.

3823 COUNSELING FOR MINISTERS

Prerequisite: PSYC-1113

A study of both theoretical formulation and biblical principles to form the basis for supervised laboratory practice of counseling skills for ministers. Non-textual. This course is normally offered in the spring semester.

3913 PREPARATION AND DELIVERY OF RELIGIOUS SPEECHES (HOMILETICS)

Prerequisite: COMM-1213 or permission of instructor.

A study of the theory, practice, and evaluation of the preparation and delivery of sermons and religious speeches. (Same as COMM-3913.) Non-textual. This course is normally offered in the fall semester.

4133 SYSTEMATIC THEOLOGY

A systematic study of the major topics of theology: anthropology, ethics, eschatology, ecclesiology, christology, soteriology, and theology proper (Doctrine of God). Special attention will be paid to doctrinal thinking in the Restoration Movement and to contemporary issues in churches of Christ. Majors only, except by special permission of the instructor. Non-textual. This course is normally offered in the spring semester of odd numbered years.

4222 SENIOR BIBLE SEMINAR: CHRIST AND HIS CHURCH

The capstone core curriculum Bible course for all seniors. Building on the previous core Bible courses that will give students a final opportunity to explore specific doctrines about the nature of Christianity and the Church. The emphasis is a dialogue between students and Bible teachers. Textual. This course is normally offered every semester.

4232 LIFE AND WORK OF THE MINISTER

Prerequisite: Junior or Senior Standing.

A course to help ministers prepare to deal with the following topics: personal spiritual development, caring for one's family, care of members with special needs, making church worship more effective, training and equipping members in the church, making effective use of computers in the work of the church, and serving in smaller communities. Non-textual. This course is normally offered in the fall of even numbered years.

4243 OLD TESTAMENT PROPHETS: 8TH CENTURY

A study of Judean and Israelite prophets who lived during the eighth century. Special attention will be given to the historical background and message of each prophet, as well

as his contemporary relevance. This course is normally offered in the fall semester of even numbered years.

4312 THE PROPHET ISAIAH

A detailed study of the book of Isaiah with emphasis on his times, his message, and the topic of Messianic prophecy. This course is offered as needed.

4313 JOSHUA THROUGH NEHEMIAH

An intensive study of the history of Israel from the formation of the nation through the return from Babylonian exile. Based on the historical books of the Old Testament. Textual. This course is normally offered in the spring semester.

4412 GREAT CHRISTIAN DOCTRINE

A systematic study of the biblical teachings regarding revelation, God, Christ and the Holy Spirit. This course is normally offered in the fall semester of even numbered years.

4413 DANIEL-REVELATION

A study of the books of Daniel and Revelation as examples of apocalyptic literature from the Old and New Testaments. The content of these books is studied with emphasis on the proper approach to this particular type of biblical material. (Counts as either Old or New Testament textual study.) This course is normally offered in the spring semester of even numbered years.

4423 GOSPEL OF JOHN

A study of the life and teachings of Jesus from the viewpoint of the Fourth Gospel. Comparison is made with the Synoptics in appropriate places. Particular emphasis is given to the historical setting at the time the Gospel was written and John's Christology. Textual. This course is normally offered in the fall semester of even numbered years.

4513 HISTORY OF THE BIBLE

A study of the formation of the canon, inspiration, transmission and translation of the books of the Bible. The course is designed to provide a knowledge of and appreciation for the varied history of the English Bible. Non-textual. This course is normally offered in the spring semester of odd numbered years.

4613 ROMANS

A thorough exegesis of the epistle to the church in Rome with attention to the great doctrines of Christianity emphasized by Paul in this book. Textual. This course is normally offered in the fall semester of odd numbered years.

4622 THE BOOK OF PSALMS

An intensive study of the Book of Psalms for non-Bible majors. Primary objectives include providing the student with a working knowledge of the contents of the book, a fundamental grasp of critical issues in the interpretation of Psalms, and a good understanding of the significance of the Psalms for Christian life and the church. Textual. This course is normally offered in the spring semester.

4713 RESTORATION MOVEMENT

A study of the Scottish origins and American development of the Restoration Movement to the present day. Significant personalities and issues as well as the history and spread of the movement are studied. (Same as HIST-3193.) Non-textual. This course is normally offered in the fall semester of odd numbered years.

4732 NEW TESTAMENT BACKGROUNDS

An examination of the history, literature, and religious thought of what is known as Second Temple Judaism (586BC-70AD). Special attention will be given to the major themes of the classical Hebrew period, the crisis of Babylonian conquests, Hellenism and Jewish attempts to reconstruct a religious identity in this period. This course is normally offered in the fall semester of even numbered years.

4753 SEMINAR IN CHRISTIAN MINISTRY

Prerequisite: Senior Standing.

A seminar in such matters as the relationship between ministers and elders, personal and practical problems a minister may face, applying for a job, planning the work of ministries, use of the minister's time, and church leadership. Non-textual. This course is normally offered in the spring semester.

4773 ADVANCED HOMILETICS

Prerequisite: BIBL-3913 or COMM-3913.

A study of the writing and presentation of sermons, with emphasis on effective public communication. The course also emphasizes analysis of sermons and preparation of a major sermon to be delivered before the Bible faculty. (Same as COMM-4773.) Non-textual. This course is normally offered in the spring semester of even numbered years.

4783 PREACHING FROM A BIBLE BOOK

Prerequisite: BIBL-3913.

A course to build on the basic homiletics course which emphasizes preaching from a specific book in the Bible. In different years, different books of the Bible can be chosen—sometimes from the Old Testament and sometimes from the New. The course will deal with analyzing the needs of a congregation, using the book to develop specific sermons of different types from the content of the book, and offer students an opportunity to present a sermon for critique by the students and teacher. This course is normally offered every other spring in odd numbered years.

4803 MINISTRY PRACTICUM

On-site practical service in a local congregation by invitation and under the oversight of the elders and in conjunction with the local minister(s) and a faculty supervisor. The course includes readings, a journal, and a thorough evaluation. Non-textual. This course is normally offered every semester.

4830 NON-TEXTUAL SPECIAL STUDY

Content varies. Course may be repeated. (1-3 hours) This course is offered as needed.

4840 OLD TESTAMENT SPECIAL STUDY

Content varies. Course may be repeated. (1-3 hours) This course is offered as needed.

4850 NEW TESTAMENT SPECIAL STUDY

Content varies. Course may be repeated. (1-3 hours) This course is offered as needed.

4860 CROSS-CULTURAL EVANGELISM

Normally taken by students in an exchange program with Ibaraki Christian College in Japan. (2-4 hours) This course is offered as needed.

4863 MINISTRY PRACTICUM

Practical experience in preaching under the guidance of an experienced supervisor. By approval only. This course is normally offered every semester.

4890 STUDIES OF RELIGIONS OF OTHER LANDS

Content will vary. By approval only. (1-3 hours) This course is offered as needed.

4900 INDEPENDENT STUDY

Independent study in Old Testament, New Testament or non-textual. This course is offered as needed.

BIOLOGY (BIOL)

1214 GENERAL BOTANY

A study of the morphology and life cycles of representatives of the various phyla of the plant kingdom. Lecture – 3 hours; Laboratory – 3 hours. This course is offered as needed.

1314 GENERAL ZOOLOGY

A study of the dynamics of animals with emphasis on structure, function, heredity, ecology and behavior with a survey of various invertebrate and vertebrate phyla. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

2013 BIOLOGY I

A study of the basic unit of life: a cell, including cell structure, energy transfer, metabolic processes, reproduction, and genetics. Lecture – 2 hours per week; Lab/discussion sessions – 2 hours per week. Not applicable for credit in a science major other than Science Education. This course is normally offered every semester.

2023 BIOLOGY II

Prerequisite: BIOL-2013.

A survey of organisms, emphasizing biological diversity and ecological relationships between organisms. Lecture – 2 hours per week; Lab/discussion sessions – 2 hours per week. Not applicable for credit in a science major other than Science Education. This course is normally offered every semester.

2033 NUTRITION

A study of basic principles of human nutrition applied to health and diseases of the individual, family, and community. Course topics include biochemical aspects of nutrients, nutrient needs throughout the life cycle, and medical nutrition therapy, and its role in different medical conditions. This course is normally offered in the fall semester.

2114 CELLULAR BIOLOGY

Prerequisite: CHEM-1115 with a grade of C or better.

An introductory course in cell biology, including a study of water as a biological solvent, biomolecules (carbohydrates, lipids, proteins and nucleic acids), light and electron microscopy, cell structure, the cell cycle and mitosis, cell metabolism, DNA replication, transcription and translation, elementary genetics, and topics in molecular genetics and genetic engineering. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered every semester.

2244 HUMAN ANATOMY

Prerequisite: 4 hours biological science.

A study of human body at cell, tissue, and organ system levels. Course topics include cells, tissues, and anatomical structures of the major organ systems including integumentary, skeletal and muscular system, nervous system, cardiovascular system, digestive system, respiratory, urinary, and reproductive systems. Lab experience includes observation of histological slides, use of models, and fetal pig dissection. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

2314 GENETICS

Prerequisite: BIOL-2114 with a grade of "C" or better.

A study of the principles of heredity and variation with emphasis on Mendelian genetics, genetic aberrations, molecular genetics and current genetics research. Lab experiences

reinforce concepts of heredity through genetic mating, statistical analysis of data and methods of DNA isolation, manipulation and analysis. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered every semester.

2523 ANATOMY AND PHYSIOLOGY I

Prerequisite: BIOL-2013.

This course is part one of a two part comprehensive study of human anatomy and physiology at the cell, tissue, and organ system levels. Course topics include cells, cellular metabolism, and tissues, as well as the structure and function of the integumentary system, skeletal system, muscular system, and nervous system. The course includes an integrated lab which includes hands-on experimentation and animal dissections. Lecture/Laboratory – 4 hours. This course is normally offered in the fall semester.

2623 ANATOMY AND PHYSIOLOGY II

Prerequisite: BIOL-2523.

This course is part two of a two part comprehensive study of human anatomy and physiology at the cell, tissue, and organ system levels. Course topics include blood components, as well as the structure and function cardiovascular system, lymphatic system, digestive system, respiratory system, urinary system, and reproductive system. The course includes an integrated lab which includes hands-on experimentation and animal dissections. Lecture/Laboratory – 4 hours. This course is normally offered in the spring semester.

2624 PRINCIPLES OF MICROBIOLOGY

Prerequisites: BIOL-2013 and CHEM-1104.

A study of the microbes, parasites, and infectious elements (e.g., viruses, prions), including the fundamentals of chemistry as applied to metabolism, cell structure and activity of antimicrobial agents. The student will gain a thorough understanding of the practical implications of public health microbiology including microbial control in sanitation, epidemiology and a thorough knowledge of host defenses including details of the immune system function, virulence, immunology and histopathology. The course will also cover a practical application of microbiology in medical testing, vaccination, and treatment of disease. Lecture – 3 hours; Laboratory – 2 hours. This course is normally offered in the spring semester.

3115 HUMAN ANATOMY WITH CADAVER DISSECTION

Prerequisites: Minimum of 64 completed undergraduate credit hours and completion of either general zoology or cellular biology with a grade of "B" or better.

A study of the gross anatomy of the body. Emphasis is given to the skeletal, muscular, nervous, cardiovascular, respiratory, digestive, renal, and reproductive systems. Lab experience includes dissection of the major regions of a human cadaver. Lecture – 3 hours; Laboratory – 6 hours. This course is normally offered in the fall semester.

3214 ENVIRONMENTAL HEALTH

Prerequisite: CHEM-1115 or CHEM-1314 with a grade of "C" or better.

An introductory course in environmental health encompassing a comprehensive survey of major environmental issues related to personal and community health, including population dynamics, environmental toxins, and environmental degradation. Integrated lecture/Laboratory – 4 hours. This course is normally offered every semester. This course is normally offered as needed.

3224 HUMAN PHYSIOLOGY

Prerequisite: BIOL-1314 and BIOL-2114 or BIOL-3115 with a grade of "C" or better.

A study of the human organism. Emphasis is given to the normal function, regulatory mechanisms and coordination of the neuromuscular, cardiovascular, excretory, digestive, respiratory, endocrine, and reproductive systems. Lab experience includes use of the physiograph to demonstrate ECG and EMG, blood counting and identification, spirometry, and CPR training. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

3233 EXERCISE PHYSIOLOGY

Prerequisite: BIOL-3224.

A study of the principles of exercise physiology. The response, adaptation and regulation of the human body during exercise will be examined, from the cellular to the systemic level. Applications to physical training, health, performance and assessment will be emphasized. This course is normally offered as needed.

3324 GENERAL ECOLOGY

Prerequisite: BIOL-1314 with a grade of "C" or better.

General principles of biotic and abiotic interrelationships, including conservation biology. Field work emphasizes local ecosystems and pollution factors. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered as needed.

3415 GENERAL MICROBIOLOGY

Prerequisites: BIOL-2114 or BIOL-2013 and BIOL-2023 with a grade of "C" or better.

A study of the structure and function of viruses, rickettsiae, bacteria, fungi, protozoans, flatworms, and roundworms. Special emphasis is given to the isolation, culturing, staining, control, and pathogenesis of the organisms. The genetics, host parasite relations and the immune response are also stressed. Lecture – 3 hours; Laboratory – 4 hours. This course is normally offered in the fall semester.

3432 PATHOGENIC MICROBIOLOGY LAB

Prerequisite: BIOL-3415 or BIOL-4213 or equivalent with a grade of "C" or better.

Lab studies involve culture, identification, and control of microorganisms. Also included

are the basic immunological concepts and serologic techniques. This course is normally offered in the spring semester.

3433 PATHOGENIC MICROBIOLOGY

Prerequisite: BIOL-3415 or BIOL-4213 or equivalent with a grade of "C" or better.

A study of pathogenic microorganisms and the diseases they produce in humans. Emphasis is on the physiology, pathogenesis, and epidemiology of specific microorganisms, including host responses. This course is normally offered in the spring semester.

3514 ORNITHOLOGY

Prerequisite: BIOL-1314 with a grade of "C" or better.

The natural history of birds with emphasis on U.S. species including avian ecology, anatomy and physiology. Lab experiences are built around field trips devoted to species identification and behavior. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered as needed.

4014 BIOCHEMISTRY I WITH LAB

Prerequisite: CHEM-3115 with a grade of "C" or better.

A detailed study of the structure and function of the major classes of biomolecules including proteins, lipids, carbohydrates, and nucleic acids. The course also includes in-depth discussions of enzyme mechanisms and catalysis, receptor/ligand interaction, cellular signaling pathways, molecular motors, and membrane structure and function. The lab provides basic biochemical techniques, including differential centrifugation, chromatography, oxidation studies, enzymology, and electrophoresis. Lecture – 3 hours; Laboratory – 3 hours. (Same as CHEM-4014.) This course is normally offered in the fall semester.

4123 BIOCHEMISTRY II

Prerequisite: CHEM-3115 with a grade of "C" or better.

A detailed overview of intermediary metabolism, including discussion of glycolysis, Krebs cycle, oxidative phosphorylation, amino acid synthesis and catabolism, the urea cycle and nucleotide biosynthesis. Lecture – 3 hours. (Same as CHEM-4123.) This course is normally offered in the spring semester of odd numbered years.

4213 IMMUNOLOGY

Prerequisite: BIOL-2114 with a grade of "C" or better.

A study of advanced principles of immunology. The nature of the immune response mechanisms, immuno-genetics, diseases of the immune system and applications of immunology in medicine and research are emphasized. Lecture – 3 hours. This course is normally offered in the fall semester.

4223 MOLECULAR BIOLOGY

Prerequisite: CHEM-3115 with a grade of "C" or better.

An advanced study of molecular biology and genetics with emphasis on the structure, function and mechanisms of the molecules involved in replication, recombination, transcription, RNA processing, translation, and gene expression. Lecture – 3 hours. This course is normally offered in the spring semester of even numbered years.

4301 MOLECULAR BIOLOGY LAB

Prerequisite: BIOL-4223 or concurrent enrollment.

The student will use standard lab techniques to conduct an independent research project that attempts to answer a pertinent question in the area of molecular genetics or cell biology. Laboratory – 6 hours. This course is normally offered in the spring semester of even numbered years.

4411 INTRODUCTION TO RESEARCH

Prerequisites: CHEM-3115 and 8 hours biological science.

An introduction to scientific research in one of several labs at or affiliated with OC. Students spend time in research labs observing current biological, chemical, biochemical or biomedical research. Research techniques, methods and selected research papers from the labs visited are discussed at a monthly research seminar. This course is normally offered as needed.

4412 UNDERGRADUATE RESEARCH

Prerequisites: Junior or Senior standing, BIOL-4411 and permission of the instructor.

A hands-on experience in research at one of several laboratories at or affiliated with OC. The research experience involves reading appropriate research papers, learning appropriate research methods and participating in appropriate seminars. Selection for undergraduate research is competitive and dependent on the number of student applicants, participating laboratories and funding. This course is normally offered as needed.

4414 UNDERGRADUATE RESEARCH

Prerequisites: BIOL-4411 and permission of the instructor.

A full-time research experience lasting at least 8 weeks in a lab at or affiliated with OC or approved by the instructor. Research programs are competitive, and applications must be submitted by February 1. This course is normally offered in the summer.

4513 HISTORY AND PHILOSOPHY OF SCIENCE

Prerequisite: 16 hours biological science.

A survey of the great philosophies of the Western tradition and their influence on the history of science. Specific application will be made to the ethical dilemmas of current science. Lecture – 3 hours. This course is normally offered as needed.

4814 FIELD MEDICINE PRACTICUM

Prerequisites: satisfactory standing in pre-medical studies and selection by the science faculty in cooperation with the International Studies Committee.
Practical experience in assisting a physician at a medical missions clinic as part of the student's enrollment in an international studies program. This course is offered as needed.

4900 INDEPENDENT STUDY IN BIOLOGY

Assigned research, readings and reports based on the needs of the individual student. May be taken only by junior or senior science majors with approval of the departmental chair. (1-3 hours) This course is offered as needed.

BUSINESS ADMINISTRATION (BUSA)

1211 INTRODUCTION TO BUSINESS

An introductory business course designed to acquaint the student in a general way with business terminology, concepts and functions. The course will include broad treatment of business objectives and strategies. Students are introduced to the School of Business Administration and to the skills required to succeed in the field of business. This course is normally offered every semester.

3713 CONTEMPORARY BUSINESS ETHICS

Prerequisite: Junior or Senior standing or instructor permission.
This course examines basic ethical issues involved in the conduct of business from a biblical perspective. Critical thinking regarding organizations as spiritual, social, moral, and ethical entities is explored. Topics include personal responsibility, corporate social responsibility, and the effects of diversity and culture on ethical considerations. This course is normally offered in the fall semester.

4213 BUSINESS LAW

A survey of the Anglo-American system of jurisprudence as the legal background for the operation of the free enterprise system in our society. The course considers the historical, ethical, social and practical perspectives. It also examines the basic rules of law pertaining to contracts, property, sales, negotiable instruments, secured transactions, agency, employment, partnerships, corporations, insurance, bankruptcy, and wills. This course is normally offered every semester.

4513 INTERNATIONAL BUSINESS

Prerequisites: MGMT-3113 and MKTG-3313.
An overview of the world of international business. This class examines the environment and management of international business, stressing the effects of the foreign exchange markets, capital markets and international financial and economic organizations upon managerial functions such as exporting and importing, foreign investment, marketing, personnel, accounting and finance. Students will participate in managing an international firm in a simulation game. This course is normally offered every semester and summer.

4900 INDEPENDENT STUDY IN BUSINESS ADMINISTRATION

Assigned readings, reports and research projects based on the needs of the student. (1-3 hours). A maximum of 3 hours may be counted toward major. This course is offered as needed.

4900 INTERNSHIP IN INTERNATIONAL BUSINESS

Prerequisites: Admission to School of Business Administration Upper Division, completion of BUSA-4513 and approval of advisor and dean.
Supervised and approved international business internship with firm or organization; written and oral reports are required along with employer evaluation. (Variable credit, 1-3 semester hours; 50 hours work required for each hour of credit with a maximum of 3 credit hours.) This course is offered as needed.

CHEMISTRY (CHEM)

1104 INTRODUCTION TO CHEMISTRY

Prerequisite: SDEV-0103 or higher math course with grade of "C" or better.
A survey course covering atomic structure, bonding, application of mathematics to chemical equations, acid-base chemistry, gas laws and introductory organic and biological chemistry. The lab includes experiments in these lecture topics emphasizing measurement concepts and calculations. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

1115 GENERAL CHEMISTRY I

Prerequisite: One year of high school chemistry or a grade of "C" or better in SDEV 0133 or CHEM-1104. Must have ACT math subscore of 23 or higher or its equivalent.
First semester of a two-semester sequence for science majors. A study of atomic theory, bonding, periodicity, thermochemistry, gas laws, and, in general, quantitative relationships in chemical and physical processes. Lecture – 4 hours; Laboratory – 3 hours. This course is normally offered every semester.

1215 GENERAL CHEMISTRY II

Prerequisite: CHEM-1115 with a grade of "C" or better.
Second semester of a two-semester sequence for science majors. A study of the liquid and solid states, solubility and acid-base equilibria, thermodynamics, kinetics, oxidation-reduction, electrochemical cells, and complex ions. Also includes an introductory unit

on organic chemistry. Lecture – 4 hours; Laboratory – 3 hours. This course is normally offered in the spring semester and summer.

1314 GENERAL CHEMISTRY FOR ENGINEERS

Prerequisite: One year of high school chemistry or a grade of "C" or better in SDEV 0133 or CHEM-1104. Must have ACT math subscore of 23 or higher or its equivalent.
A study of stoichiometry, periodicity, electronic structure of the atom, bonding theories, the states of matter, thermochemistry, and chemical thermodynamics, and selected applications for engineering. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

2113 INTRODUCTION TO FORENSIC SCIENCE

A survey course covering the various ways in which science is applied to law. The major fields of forensic science and their basic tenets will be discussed and supported through various readings and outside speaker presentations. Topics of forensic science to be discussed include criminalistics, forensic pathology, forensic anthropology, forensic entomology, forensic psychiatry, forensic odontology, forensic engineering, forensic nursing, forensic accounting, and forensic art. Lecture—3 hours. This course is normally offered in the fall semester.

3115 ORGANIC CHEMISTRY I

Prerequisite: CHEM-1215 with a grade of "C" or better.
An integrated study of atomic and molecular orbital theory with the naming of organic compounds, including an introduction to stereochemistry. A study of structure and reactivity of various types of organic compounds, including alkenes, alkynes, dienes, alkanes, alkyl halides, alcohols, amines, ethers, radicals, and epoxides. Principles of mass spectroscopy, infrared spectroscopy, and ultraviolet/visible spectroscopy. Lab exercises include Introduction to lab techniques used in organic analysis, identification, and synthesis, including Fourier transform infrared spectroscopy. Techniques for determining physical properties, such as melting point, boiling point, and refractive index, as well as performing extraction, recrystallization, sublimation, and distillation. Use of the lab notebook and preparation of a detailed lab report. Lecture – 4 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

3114 ANALYTICAL CHEMISTRY I

Prerequisite: CHEM-3124 with minimum grade of "C" or better.
A course for increasing the understanding of the chemical composition of matter, and the tools and techniques used to make qualitative and quantitative analyses. The student will learn to apply scientific measurement principles in order to understand chemical systems and collect useful information. The student will experience analysis with several techniques and instruments found in the analytical laboratory. Lecture—3 hours; Laboratory—3 hours. This course is normally offered in the fall semester of even numbered years.

3124 ORGANIC CHEMISTRY II

Prerequisite: CHEM-3115 with a grade of "C" or better.
Continuation of the first semester course with emphasis on the study of organic chemical reactions, including the reactions of benzene, the reactions of substituted benzenes, and the structure and reactions of carbonyl compounds that include aldehydes, ketones, and carboxylic acid derivatives. Coverage of oxidation-reduction reactions, heterocyclic compounds, and multi-step synthesis processes. Principles of NMR spectroscopy. Lab exercises include using techniques from first semester lab course plus gas chromatography and NMR to perform and evaluate the following chemical reactions: catalytic hydrogenation of alkenes, hydration of alkenes, synthesis of alcohols, use of nucleophilic substitution to synthesize 1-bromobutane, Grignard synthesis, aromatic substitutions, the Friedel-Crafts acylation reaction, and pinacol rearrangements. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

3214 ANALYTICAL CHEMISTRY II

Prerequisite: CHEM-3114.
A course for increasing the knowledge of gathering qualitative and quantitative information about the composition and structure of matter. This course is to help the student gain an understanding of the tools available for solving analytical problems. The pitfalls that accompany physical measurements and the limitations in sensitivity, precision, and accuracy of instrumental measurement will be discussed. The strengths and limitations of instruments that are currently available in modern industrial and research laboratories, such as the gas chromatograph/mass spectrometer, high performance liquid chromatograph, atomic absorption spectroscope, ultraviolet/visible light spectrophotometer, Fourier transform infrared spectroscope, and Raman spectroscope, will be covered in detail. Lecture—3 hours; Laboratory—3 hours. This course is normally offered in the odd semester of even numbered years.

4014 BIOCHEMISTRY I AND LAB

Prerequisite: CHEM-3124 with a grade of "C" or better.
A detailed study of the structure and function of the major classes of biomolecules, including proteins, lipids, carbohydrates, and nucleic acids. The course also includes in-depth discussions of enzyme mechanisms and catalysis, receptor/ligand interaction, cellular signaling pathways, molecular motors, and membrane structure and function. The lab provides basic biochemical techniques, including differential centrifugation, chromatography, oxidation studies, enzymology, and electrophoresis. Lecture – 3 hours, Laboratory – 3 hours. (Same as BIOL-4014.) This course is normally offered in the fall semester.

4113 PHYSICAL CHEMISTRY I

Prerequisites: CHEM-3124 and MATH-2114.
Corequisite: CHEM-4121.

A study of the mathematical approaches to the physical properties of chemical systems, including gas laws, thermodynamics equilibria, liquids and solutions, solids, and reaction rates. Lecture – 3 hours. This course is normally offered in the fall semester of odd numbered years.

4121 PHYSICAL CHEMISTRY EXPERIMENTS I

Corequisite: CHEM-4113.

Lab exercises to accompany CHEM-4113, which is a corequisite. Laboratory – 3 hours. This course is normally offered in the fall semester of odd numbered years.

4123 BIOCHEMISTRY II

Prerequisite: CHEM-4014.

A detailed overview of intermediary metabolism including discussion of glycolysis, Krebs cycle, oxidative phosphorylation, amino acid synthesis and catabolism, the urea cycle and nucleotide biosynthesis. Lecture – 3 hours. (Same as BIOL-4123.) This course is normally offered in the spring semester of odd numbered years.

4213 PHYSICAL CHEMISTRY II

Prerequisite: CHEM-4113. Corequisite: CHEM-4221.

A study of quantum mechanical investigations into chemical systems, concentrating on the fundamental nature of atoms, molecules and bonding. These principles are used to discuss the interaction of atoms and molecules with radiation and the statistical behaviors of ensembles. Lecture – 3 hours. This course is normally offered in the spring semester of even numbered years.

4221 PHYSICAL CHEMISTRY EXPERIMENTS II

Prerequisite: CHEM-4121. Corequisite: CHEM-4213.

A continuation of CHEM-4121. Laboratory – 3 hours. This course is normally offered in the spring semester of even numbered years.

4313 FORENSIC TOXICOLOGY

Prerequisite: CHEM-3115.

An integrated study of toxicology as it relates to forensic science. This course will provide an introduction to postmortem forensic toxicology, forensic drug testing. Analytical principles, both theory and applications, will be covered for the most commonly encountered analytes. This course is primarily theory and background. Lecture—3 hours. This course is normally offered in the fall semester of spring numbered years.

4414 INORGANIC CHEMISTRY

Prerequisites: CHEM-3124 and PHYS-2713.

A study of inorganic chemistry: advanced atomic theory, symmetry and group theory, molecular orbital theory, advanced acid-base theory, coordination chemistry, spectroscopy, and introduction to solid state, main group, organometallic, bioinorganic, and environmental chemistries. Lecture – 3 hours, Laboratory – 3 hours. This course is normally offered in the fall semester of even numbered years.

4514 FORENSIC ANALYSIS

Prerequisite: CHEM-3115

An integrated laboratory/lecture study of various up-to-date technologies utilized by forensic scientists in their application of science to criminal investigations. The laboratory will include many prominent analyses, including blood alcohol, drugs of abuse, ink, fingerprint, glass fragmentation, and explosives. Lecture – 3 hours; laboratory – 3 hours. This course is normally offered in the spring semester of even numbered years.

4611, 4612, 4613 RESEARCH METHODS

Prerequisite: permission of instructor.

A lab-literature approach to advanced topics and methods in chemistry. Work will involve lab experiences beyond those available in other courses, with methods development for undergraduate research projects. (1-3 hours) This course offered as needed.

4711, 4712, 4713 PRACTICUM IN FORENSIC SCIENCE

Prerequisite: CHEM-3115 with grade of C or better and recommendation of the chemistry faculty.

A hands-on experience in forensic science research in the chemistry laboratories at OC or in the forensic laboratory of the Oklahoma State Bureau of Investigation (OSBI) Forensic Science Center (FSC) or at another suitable forensic science lab. The student will rotate through all units of the FSC or be assigned a specific unit working on a designated research project or perform a research project at OC. Laboratory—3-8 hours. This course is normally offered in the fall and spring semesters and in the summer.

4900 INDEPENDENT STUDY IN CHEMISTRY

Assigned readings, reports or lab investigations based on the needs and interests of the individual student. Must be administered by a chemistry professor and may be taken only with the approval of both the departmental chair and the instructor directing the study. (1-3 hours) This course is offered as needed.

4901 INDEPENDENT STUDY IN CHEMICAL HEALTH AND SAFETY

Prerequisites: CHEM-3115 and permission of instructor.

Reviewing technical sources of information, understanding the human health and safety of a chemical compound commonly found in the workplace or in the environment. Organizing the information and co-writing with the instructor an informational article for

publication in an American Chemical Society peer-reviewed journal. 1 hour. This course is normally offered every semester.

CHILD DEVELOPMENT (CHDV)

3013 NATURE AND CHARACTERISTICS OF EARLY CHILDHOOD

Prerequisite: FMST-1113. Corequisite or prerequisite: PSYC-3523. Practicum: 15 hours (CHDV-3013P)

After studying the broad field of Early Childhood in relation to its multiple historical, philosophical and social foundations, the candidate will examine how these foundations influence current thought and practice. After exploring the characteristics of the young child from birth to age eight, the candidate will demonstrate observation techniques and planning skills related to developmentally appropriate practice. The candidate will also reflect on the role of the teacher and ethical considerations of the Early Childhood field. (Cross listed with ECED-3013 but will not apply to teacher licensure requirements.) This course is normally offered in the fall semester.

3023 EMERGENT LITERACY

Prerequisites: FMST-1113, CHDV-3013 and PSYC-3523.

After surveying language development and techniques for facilitating that development as it emerges from infancy through the primary years, the candidate will plan and implement methods and activities to encourage the emergence of literacy. The candidate will also develop an understanding of and respect for the sociocultural diversity of literacy development as well as the interrelationships of culture, language, thought and the function of the home language in the development of young children. (Cross listed with ECED-3023 but will not apply to teacher licensure requirements.) This course is normally offered in the fall semester.

4023 TOPICS IN EARLY CHILDHOOD

Prerequisite: FMST-1113, CHDV-3013 and PSYC-3523.

The candidate will describe and apply behavior and guidance theories for the young child from infancy through age eight. The candidate will also demonstrate techniques for planning and implementing parental involvement and for understanding the child and his or her family in the context of society. (Cross listed with ECED-4023 but will not apply to teacher licensure requirements.) This course is normally offered in the in the spring semester.

COMMUNICATION (COMM)

1111 INTRODUCTION TO MASS COMMUNICATION

Prerequisite: Communication, interdisciplinary studies, and undeclared majors only.

An overview of print and electronic mass media with illustrations of opportunities available in the area of communication. Students gain an overall understanding of the media before focusing on specific aspects of it in subsequent courses and evaluate their interests and goals as they relate to mass media careers. This course is normally offered as needed.

1211 INTRODUCTION TO ELECTRONIC MEDIA

Prerequisite: Communication, interdisciplinary studies, and undeclared majors only.

Designed to introduce the first-time student to electronic media and Eagle broadcasting. This course is normally offered in the fall semester.

1213 COMMUNICATION II: ORAL COMMUNICATION

Study and practice of communication behavior in a variety of situations, focusing on interpersonal and public communication. Media literacy for presentations will also be included. This course is normally offered every semester.

1311 ACTING WORKSHOP

Requires 60 hours in rehearsal and performance in a faculty-directed campus dramatic production, director approval only. This course is normally offered every semester.

1321 TECHNICAL THEATER WORKSHOP

Prerequisite: COMM-1411 or instructor consent.

Requires 60 hours of backstage work in a faculty-approved campus theater production. This course is normally offered every semester.

1341 NEWSPAPER WORKSHOP

Prerequisite: COMM-2113 or instructor consent.

Supervised work on the student newspaper with some instruction. To receive credit, a student must work at least 60 hours. This course is normally offered every semester.

1351 ADVANCED NEWSPAPER WORKSHOP

Prerequisites: Junior or Senior standing and COMM-1341.

Same as COMM-1341, but for juniors and seniors. To receive credit, a student must work at least 60 hours. This course is normally offered every semester.

1371 BROADCAST WORKSHOP

Prerequisite: COMM-1211.

For those involved in the operation and management of Eagle Radio or Eagle Cable. The course includes implementation and development of broadcasting skills and techniques. To receive credit, a student must work at least 60 hours. This course is normally offered every semester.

1381 ADVANCED BROADCAST WORKSHOP

Prerequisites: Junior or Senior standing and COMM-1371.

Same as COMM-1371, but for juniors and seniors. To receive credit, a student must work at least 60 hours. This course is normally offered every semester.

1391 INTERACTIVE MEDIA WORKSHOP

Prerequisite: Interactive Media Majors only.

Implementation and development of interactive media skills and techniques. To receive credit, a student must complete a project or projects requiring at least 60 hours. This course is normally offered in the summer.

1411 INTRODUCTION TO PLAY PRODUCTION

The student will be introduced to technical theater production through a series of hands-on workshops. These workshops will introduce the student to theater lighting, sound, set building, props, costuming, make-up, house management and publicity. This course is normally offered in the fall semester.

1412 MOVEMENT AND CHOREOGRAPHY FOR THE STAGE

A basic course in body awareness and physical performance. By using an activities approach, this course will address habitual patterns of body usage, achievement of a neutral body, increased body awareness, the use of breath in movement, the use of the body to communicate and styles of physical performance. This course is normally offered in the fall semester.

2023 HISTORY OF THEATER I

This course will expose students to the development of Western theatrical traditions through primary sources, class lectures and critical dialogue. The course will trace the earliest records of theatrical staging to the rise of eighteenth-century national Theatres in Europe. Special emphasis will be placed on technological innovations, dramatic conventions and the role of politics and ritual in theatrical history. Students will synthesize their coursework in a final project designed for use in a professional or graduate level portfolio. Composition and reading outside of class will be required. This course is normally offered in the fall semester of odd numbered years.

2033 HISTORY OF THEATER II

This course will expose students to the development of Western theatrical traditions through primary sources, class lectures and critical dialogue. But the course will trace the popularity of Romanticism through contemporary postmodern resistance in Europe and the United States. Again, special emphasis will be placed on philosophy, political movements and the relationship between ritual and performance theory. Students will synthesize their coursework in a final project designed for use in a professional or graduate level portfolio. Composition and reading outside of class will be required. This course is normally offered in the fall semester of odd numbered years.

2113 MEDIA WRITING

Prerequisite: ENGL-1123.

An introduction to writing skills, with attention to writing news, features, broadcast, public relations and advertising. This course is normally offered every semester.

2213 VOICE AND ARTICULATION

Prerequisite: COMM-1213.

An application of phonetics to the improving of articulation, vocal patterns, and vocal performance. This course is normally offered in the spring semester of odd numbered years.

2223 STAGECRAFT FOR THEATER AND TELEVISION

Prerequisite: COMM-1411.

A basic introduction to the construction of stage scenery, props, stage lighting and sound for theater and television. Using a hands-on approach, the course is of special value to the theater and television student, as well as the art student preparing to work in art galleries or the advertising design student interested in working in the media of theater and television. This course is normally offered in the fall semester of odd numbered years.

2313 ACTING I

Introductory approach to acting through body and voice development. Participation in the campus theater activities is required. Acting I is a course in acting fundamentals. The course focuses on two broad areas: the actor's approach to a role and the develop of the actor's instrument: voice and body. This course is normally offered in the fall semester of odd numbered years.

2413 PHOTOGRAPHIC PRINCIPLES AND PRACTICES

Prerequisite: Communication department major or permission of department.

A course designed for students who need a working knowledge of photography in their chosen profession. Enrollment is limited to specific majors. The course will emphasize composition and content. No darkroom work is required. Digital cameras are allowed if the camera features manual overrides of automatic settings. This course is normally offered in the fall semester.

2513 COMMUNICATION THEORY

Special attention to various types of communication theory and research, including interpersonal, public and mass communication. A unit on the history of communication study is included. This course is normally offered in the spring semester of even numbered years.

2613 MEDIA AND SOCIETY

An introduction to the relationship between the mass media and the culture in which it operates. Major theories of how the media work are introduced. This intermediate course helps prepare students for subsequent courses in news reporting, video and audio production, advertising, and public relations. This course is normally offered in the fall semester of odd numbered years.

2643 MEDIA PRODUCTION

Prerequisite: COMM-2113 or COMM-2723.

An orientation to the equipment and technical skills involved in acquiring and editing audio and video in a digital, non-linear environment. Students will apply composition and editing theories to several productions during the term. This course is normally offered in the fall and summer terms.

2723 SCRIPTWRITING FOR TELEVISION AND MOVIES

An examination and application of the successful patterns, traditions and conventions of narrative scriptwriting for television and film while maintaining creative innovation. During the term each student will write a script for a defined audience. This course is normally offered in the fall semester.

2813 ADVERTISING PRINCIPLES

Prerequisite: COMM-1111 or COMM-2113.

Designed to introduce the student to the history of advertising and its role and function today. The course focuses on current case studies about advertising today and analyze an ad campaign. This course is normally offered in the fall semester of odd numbered years.

2823 PUBLIC RELATIONS PRINCIPLES

Prerequisite: COMM-1111 or COMM-2113.

Study of the function and procedures of public relations with attention to methods of gaining public support for an activity, cause, or movement. The course includes fundamentals of public relations copy for varied media and channels. This course is normally offered in the fall semester of even numbered years.

2833 REPORTING

Prerequisites: COMM 2113 and COMM 2643.

A project-based course designed to teach the basic skills of information gathering and processing for various means of distribution including print, broadcast and web. Students will begin maintaining their own portfolio of work. This course is normally offered in the spring term.

3113 BUSINESS AND PROFESSIONAL COMMUNICATION

Prerequisites: COMM-1213 and Junior standing.

Special attention is given to communication theories as they apply to a variety of business and professional settings, including conflict management, leadership, team management, and professional speaking situations. This course is normally offered every semester.

3123 ORAL INTERPRETATION

Prerequisite: COMM-1213 or permission of instructor.

Study and practice in the oral interpretation of literature. This course is normally offered in the fall semester of even numbered years.

3133 COSTUMING AND MAKEUP

A study of the design and construction of stage costumes and a study of makeup. Laboratory – 4 hours. This course is normally offered in the spring semester of odd numbered years.

3203 ACTING STYLES

Prerequisite: COMM-2313.

The class will devise ways of developing performance anterior to realistic traditions. Emphasis will be placed on dramatic analysis, improvisation, theatre games and bodily exploration and facial masks to produce stylistic performances. Course materials will expose students to several historical or experimental styles of acting through dramatic literature and class exercises. Rehearsal, research and critical writing outside of class will be required. This course is normally offered in the fall semester of even numbered years.

3213 STAGE DIRECTING

Prerequisite: COMM-2313.

Fundamentals of the director's craft. Each student directs a one-act play as the semester project. This course is normally offered in the spring semester of even numbered years.

3223 THEATER DESIGN

Prerequisite: COMM-2223.

Intended to prepare a person to work in the visual media of theater, television or film. Students learn about a wide variety of materials and methods to visualize and execute a design for theatrical productions. The course is a study of design principles and drafting techniques applicable to all areas of production design. This course is normally offered in the spring semester of even numbered years.

3323 ORGANIZATIONAL COMMUNICATION

Prerequisite: COMM-2513.

An examination of the functions of communication in the organizational setting, with emphasis on the application of recent research and theories to the analysis of communication in organizations. This course is normally offered in the fall semester of even numbered years.

3333 GROUP COMMUNICATION

Prerequisite: COMM-1213.

A study of the communication patterns and dynamics of small groups. Special attention is given to organizing, participating in and evaluating group discussions. This course is normally offered in the spring semester of odd numbered years.

3341 PUBLIC RELATIONS WORKSHOP

Prerequisite: Junior Standing and at least two terms of COMM 1341 or 1371.

For those involved in structured on-campus public relations experiences. The course provides opportunity for application and development of public relations skills in a supervised environment. To receive credit, the student must work at least 60 hours and meet goals set by the student and professor at the beginning of the term. This course is normally offered every semester.

3343 ADVERTISING COPYWRITING

Prerequisite: Junior standing.

Designed for journalism and broadcasting students to teach the art of writing commercial copy for radio, television, and newspaper. This course complements courses in journalism and broadcasting which emphasize the writing of news. Students also develop an ad campaign. This course is normally offered in the fall semester.

3353 INTERPERSONAL COMMUNICATION

Co or Prerequisite: COMM-2513.

An application of interpersonal communication theory and research to the study of developing relationships and family communication. Course topics include listening, non-verbal communication, conflict management, and gender differences in communication. This course is normally offered in the spring semester of even numbered years.

3453 ELECTRONIC NEWS WRITING

Prerequisite: COMM-2113 and prerequisite or corequisite: COMM-3643.

Supervised writing to meet the professional demands of organizing and presenting information for broadcast. This course is normally offered in the fall semester of even numbered years.

3543 PUBLIC RELATIONS CASE STUDIES

Prerequisite: COMM-2823

A study of public relations as currently practiced by corporations, institutions and government. The course includes practical experience in the procedures of media relations and training. This course is normally offered spring semester of even numbered years.

3633 AUDIO FOR MEDIA

Prerequisite: COMM-1211 OR ARTS-2223.

Theories of audio production for both broadcast and non-broadcast applications. Dual and multi-track styles, analog and digital equipment and computer editing are used. This course is normally offered in the spring semester.

3653 TELEVISION FIELD PRODUCTION

Prerequisite: COMM-3643.

Involves more advanced television production techniques with a focus on production for broadband delivery systems, such as broadcast and cable. Examines closely the theories appropriate to quality television production. This course is normally offered in the spring semester.

3703 COMPUTER GRAPHICS FOR BROADCAST

Prerequisite: ARTS-1103 and COMM-3643.

Use of software (Aftereffects and Photoshop) in the creation of motion graphics for broadcast and multimedia. This course is normally offered in the spring semester.

3723 INTERVIEWING

Prerequisite: COMM-1111 or COMM-2113 and Junior standing.

Provides the student with the understanding and skills necessary for a variety of interviewing situations, including radio and television. Students are taught listening skills and how to implement these techniques for more effective interviews. This course is normally offered in the spring semester.

3733 MEDIA MARKETING AND SALES

Prerequisite: Junior standing.

Stresses understanding of basic media tools such as radio and television ratings analysis; national rating services and rate cards; media buying for specific demographic targets; and the use of various media as marketing vehicles. This course is normally offered in the spring semester of odd numbered years.

3743 PUBLIC RELATIONS METHODS

Prerequisite: COMM-2823 or instructor consent.

Designed to survey the commonly used communications tools in public relations with emphasis on how to work with them. Students will learn to design questionnaires, create annual reports, arrange press conferences, script slide shows and perform other public relations functions that require special expertise. This course is normally offered in the spring semester.

3823 FEATURE WRITING

Prerequisite: COMM-2113.

Continuation of COMM-2113, including lectures and labs in interviewing, feature writing, opinion writing, investigative journalism, sports, and other specialized areas of journalism. This course is normally offered in the fall semester of even numbered years.

3913 PREPARATION AND DELIVERY OF RELIGIOUS SPEECHES (HOMILETICS)

Prerequisite: COMM-1213.

A study of the theory, practice and evaluation of the preparation and delivery of sermons and religious speeches. (Same as BIBL-3913.) This course is normally offered in the fall semester.

4103 MODERN DRAMA

Same as ENGL-4813 when the genre offered is modern drama. This course is normally offered in the spring semester of even numbered years.

4113 PERSUASION

Prerequisite: COMM-2513

An examination of classical and contemporary theories of social influence with an emphasis on the practical applications of these theories in politics, advertising, religion, and interpersonal communication. This course is normally offered in the fall or summer semester.

4123 ELECTRONIC NEWS PRODUCING

Prerequisite: COMM 2833.

A course focused on the essential task of producing television news for broadcast, cable or the web including newscasts, segments and special programming. A section of the course also focuses on continuing to developing one's ability to prepare effective news packages. Producing involves a great deal of writing. Writing helps the news to be communicated effectively and efficiently. Opportunities for news producers are increasing as local stations add more newscasts or news-oriented programs to differentiate themselves from cable or satellite channels. In addition there are many specialized channels that need producers for regular and special programming 24/7. This course is normally offered in the fall semester of odd numbered years.

4213 PERFORMANCE CONVENTIONS: RELIGIOUS DRAMA

Students will investigate the historical, theoretical and ritual relationship between religion and theatre through reading, critical writing and performance. Special topics will include religious and supernatural dramas, contemporary associations between religion and theatre and the role of theatre in evangelistic ministry. Students will synthesize their coursework in a final project that integrates religion and theatre in scholarly writing or formal staging. Rehearsal and composition outside of class will be required. The two versions of Performance Conventions will alternate. This course is normally offered in the spring semester of every other odd numbered year.

4223 PERFORMANCE CONVENTIONS: EXPERIMENTAL THEATRE

Students will explore the significance and practice of twentieth-century avant-garde movements and experimental staging through performance, reading and critical dialogue. The course will study works and theatre artists outside the conventional Western canon and adopt the ethos and practice of these performance theories in several student generated works. Special attention will be given to integrating experimental practices into student directed projects and using theatre as a means for achieving social justice. This course is normally offered in the spring semester of every other odd numbered year.

4513 ADMINISTRATIVE ASPECTS OF ELECTRONIC MEDIA

Prerequisite: Junior standing.

A study of the programming theories of radio, television and cable services, and of the management structures of those services. Programming simulation is included. This course is normally offered in the spring semester of even numbered years.

4631 SENIOR SEMINAR IN COMMUNICATION

Prerequisites: communication or mass communication major and senior standing.

Resumes and resume tapes or CD-ROM will be prepared by the students. This course is normally offered in the fall semester.

4633 INTERCULTURAL COMMUNICATION I

A survey of the basic concepts of how people communicate effectively across cultural boundaries, with special attention given to the complex nature culture plays in communication. ENGL-4633 fosters in students an understanding and appreciation of their own culture and cultural patterns of communication and those of other cultures. (Same as ENGL-4633, MISS-4633 and SOCI-4633.) This course is normally offered every semester.

4713 MEDIA LAW

Prerequisites: Junior standing.

Looks at past and current legal decisions that shape the role of the media in society today. The course also examines the legal aspects of both the print and electronic media and also the role of the regulatory agency on the electronic media. This course is normally offered in the fall semester and in the summer.

4723 MEDIA ETHICS

Prerequisites: COMM-4713 and Senior standing.

Designed to introduce the student to the ethical decisions that must be made by both the practitioners and the consumers of the mass media. It is designed to supplement the legal

course and give the Christian a higher standard of performance. This course is normally offered in the spring semester.

4733 COMMUNICATION ETHICS

Prerequisite: Senior standing or instructor's consent.

Examines a variety of ethical approaches to communicating. Students will investigate motives for choice making among what may appear to be equally compelling or attractive choices. The assumption of responsibility for communication choices by communicators will highlight class assignments. This course is normally offered in the fall semester of odd numbered years.

4773 ADVANCED HOMILETICS

Prerequisite: BIBL-3913 or COMM-3913.

A study of the writing and presentation of sermons, with emphasis on effective public communication. The course also studies analysis of sermons and preparation of a major sermon to be delivered before the Bible faculty. (Same as BIBL-4773.) This course is normally offered in the spring semester of even-numbered years.

4810 SPECIAL STUDIES

An advanced, in-depth study of a particular problem area of mass communication. Content varies, and course may be repeated. (1-3 hours). This course is offered as needed.

4820 MEDIA INTERNSHIP

Prerequisite: Instructor consent.

Practical experience designed to acquaint the student with a specific area of the media in order to assist the student in achieving career objectives. 1-2 hours credit, depending upon the number of hours worked each week. This course is offered as needed.

4830 COMMUNICATION INTERNSHIP

Prerequisite: Instructor consent.

Practical experience designed to acquaint the student with a specific area of the communication field in order to assist the student in achieving career objectives. 1-2 hours credit, depending upon the number of hours worked each week. This course is offered as needed.

4900 INDEPENDENT STUDY IN COMMUNICATION

Prerequisite: Instructor consent.

Requires a creative project involving the student in a deeper study of some area of communication. Guided readings or research project based on prospectus is presented by the student after consultation with the instructor. The course may be taken by juniors and seniors with approval by the departmental chair after consultation with the instructor. This course is offered as needed.

COMPUTER ENGINEERING (CENG)

3113 DATA COMMUNICATIONS AND NETWORKING

Prerequisites: Admitted into ECE or CMSC-3443.

An introduction to computer and data communications. Strong emphasis on protocols and principles of network design with mathematical modeling. Students will learn principles of network design at data link, network, and transport network layers. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

3203 INTRODUCTION TO MICROPROCESSORS

Prerequisite: ENGR-2544

Introduction to the architecture and programming of microprocessors. Computer organization, addressing modes, assembly language programming techniques and microprocessor interfacing. Lecture – 3 hours. This class is normally offered in the fall semester.

3213 COMPUTER SYSTEMS

Prerequisite: CENG-3203.

System design using microprocessors. Top-down system design, memory mapping, interrupts and real-time events, analog and digital I/O, device interfacing, advanced programming techniques. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

3223 EMBEDDED SYSTEMS DESIGN

Prerequisite: Admitted to ECE, CENG-3203

Embedded microcontroller system design using an integrated development environment (IDE). Starting with a set of specifications, a self-contained finished microprocessor-based product will be designed and built. Topics will include controller selection, in-system programmability, internal/external peripherals, assessment of computing/memory resources needed, interface standards, software development, conservation of power, performance improvement, layout of printed-circuit boards, and test/validation strategies. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

4113 NETWORK SYSTEM DESIGN

Prerequisite: CENG-3113.

A continuation of the study of data communication networks, beginning with advanced topics of modern virtual network protocols, aggregate network design principles. These principles are then applied to an in-depth study of network systems design including

processors, memory architectures, and switch fabric technologies. Lecture – 2 hours, Laboratory 3 hours. This course is normally offered in the fall semester.

4203 ADVANCED COMPUTER ARCHITECTURE

Prerequisite: CENG-3213

Computer organization and design. Fundamentals of computer design, instruction set architectures, instruction-level parallelism, pipelining principles, speculation, thread-level parallelism, memory hierarchies, cache principles, virtual memory, multiprocessors, storage systems, clusters, historical perspectives. Lecture – 3 hours. This course is normally offered in the spring semester.

4303 INTEGRATED CIRCUIT DESIGN

Prerequisites: Admitted into ECE, CENG-3203.

Design of modern integrated circuits with emphasis on design and development of custom digital circuits using Hardware Description Languages (HDL) (e.g. VHDL/Verilog). A complete application-specific microprocessor will be designed, implemented, and tested in the lab. Hardware and software to support, test, and validate the design will be developed. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

4732 SYSTEMS DESIGN I

Prerequisite: Consent of ECE department.

A recap and extension of problem-solving skills introduced in earlier courses using a systems design approach to prepare the student for the capstone design project work of CENG-4743 and CENG-4753; topics include engineering design terminology, methodology and procedures; technical memos and reports; safety, ethics, information gathering, and team dynamics. Significant emphasis on oral presentations is included. Laboratory – 3 hours. (Same as MECH-4732 and ELEC-4732.) This course is normally offered in the spring semester.

4743 SYSTEMS DESIGN II

Prerequisite: CENG-4732.

Corequisite: ENGR-3213.

An implementation of the design methodology covered in Systems Design I. Applications of research and design relating to real world or industry problems; interaction with other fields of engineering and science. CENG-4743 and CENG-4753 constitute a single two-semester project experience. Laboratory – 6 hours. (Same as MECH-4743 and ELEC-4743.) This course is normally offered in the fall semester.

4753 SYSTEMS DESIGN III

Prerequisites: CENG-4743.

A continuation and completion of the capstone design project begun in CENG-4743. Students not successfully completing the entire project must normally retake CENG-4743/4753 with a new project assignment. Laboratory – 6 hours. (Same as MECH-4753 and ELEC-4753.) This course is normally offered in the spring semester.

COMPUTER SCIENCE (CMSC)

1003 INTRODUCTION TO INFORMATION TECHNOLOGY

Designed to introduce the student to the tools and methods of the information age. Topics include PC hardware and software, the DOS and Windows environments, GUI interface, memory management and use of common PC devices (hard disks, CD-ROM, sound cards, etc.). A relational database is utilized in software development. This course includes laboratory experiences. Lecture – 2 hours; Laboratory – 2 hours. This course is normally offered every semester.

1113 PROGRAMMING I

Prerequisite: SDEV-0103 or a math ACT score of 23 or higher.

An introduction to the discipline of computing. The course has three major objectives: to present computing as a discipline, to develop skills in problem solving using a computer and to teach the software development process. This course includes laboratory experiences in computer science. Lecture – 3 hours; Laboratory – 2 hours. This course is normally offered every semester.

1123 PROGRAMMING II

Prerequisites: CMSC-1003 and CMSC-1113 or permission of instructor.

Corequisite: CMSC-1123L

Continues the development of basic topics in computing, including algorithm design and implementation, and basic data structures such as linked lists and recursion. The course focuses on the software development process, including application design, testing and documentation. This course includes laboratory experiences in computer science. Lecture – 3 hours; Laboratory – 2 hours. This course is normally offered every semester.

2133 OBJECT ORIENTED PROGRAMMING

Prerequisite: CMSC-1123.

Covers object oriented design and implementation issues. Topics include an introduction to modeling tools (e.g. UML), abstraction, inheritance, polymorphism, memory management, and common design patterns. The course also provides an introduction to event handling and GUI development using relevant class libraries. This course is normally offered in the fall semester.

2262 JAVA

Prerequisite: CMSC-1123.

Introduces the syntax and semantics of the programming language Java. This course is offered as needed.

2272 BUSINESS APPLICATION PROGRAMMING (COBOL)

Prerequisite: CMSC-1123.

Introduces the syntax and semantics of the programming language COBOL. This course is offered as needed.

2302 PERL

Prerequisite: CMSC-1123.

Introduces the syntax and semantics of the programming language Perl. This course is offered as needed.

2312 ADVANCED C++

Prerequisite: CMSC-2133.

Special attention will be given to problem solving, program design, efficiency of code, and testing program correctness. This course is offered as needed.

2322 VISUAL BASIC.NET

Prerequisite: CMSC-1123.

Introduces the syntax and semantics of the programming language Visual Basic.NET. This course is offered as needed.

2332 C#

Prerequisite: CMSC-1123.

Introduces the syntax and semantics of the programming language C#. This course is offered as needed.

2413 INTRODUCTION TO ASSEMBLY LANGUAGE

Prerequisites: CMSC-1123 and MATH-1623 or departmental permission.

An introduction to assembly language concepts and programming. The topics include binary and hexadecimal number systems, data representation methods, addressing techniques and subroutines. This course is normally offered in the fall semester.

2423 INTRODUCTION TO FILE PROCESSING

Prerequisite: CMSC-1123.

An introduction to concepts and techniques of structuring data on external storage devices. Both sequential and random access media will be covered. Topics include traversing and balancing binary, B and AVL trees, as well as techniques for implementing inverted lists and indexed sequential and hierarchical structures. This course is normally offered in the spring semester.

2433 DATA STRUCTURES AND ALGORITHM ANALYSIS

Prerequisites: MATH-1623 and CMSC-2423.

Pre- or Corequisite: CMSC-2133.

Covers the characteristics of data structures and their implementation. Topics include advanced lists, trees, hashing schemes, and introductory algorithm analysis. This course is normally offered in the fall semester.

2434 COMPUTERS AND SOCIETY

Prerequisite: 18 hours of computer science.

Provides insight into the role of the computer in modern society and its impact upon the individual. Topics include legal issues, dangers posed by computers, public perception of computers, and computer scientists' and futurists' views of computing. This course is offered in the fall semester of odd numbered years.

3423 INTRODUCTION TO COMPUTER GRAPHICS

Prerequisites: CMSC-2133 and CMSC-2423.

An introduction to the fundamental techniques of computer graphics. Topics include two- and three-dimensional graphing, hidden-surface algorithms, animation, and applications of graphics. This course is normally offered in the fall semester of odd numbered years.

3443 COMPUTER ORGANIZATION AND ARCHITECTURE

Prerequisite: CMSC-2413.

An introduction to the organization and structuring of the major hardware components of computers. Emphasis is placed upon the mechanics of information transfer and control within a digital system and the fundamentals of logic design. Topics include the control unit, memory, ALU, I/O and interfacing. Some lab experience is included. This course is normally offered in the spring semester.

4103 DATA COMMUNICATIONS AND NETWORKING

Prerequisite: CMSC-3443 or ELEC-3203.

A study of the concepts and terminology of data communications, network design and distributed information systems. Topics include transmission service and equipment characteristics, protocols, data communication software and federal regulatory policy. This course is normally offered in the spring semester.

4123 INTRODUCTION TO SOFTWARE TOOLS

Prerequisite: CMSC-2423.

An introduction to a variety of computer-aided design and development tools, such as CASE tools, multimedia, software development aids, OOP, desktop publishing, and graphics software. This course is normally offered in the fall semester of even numbered years.

4213 SYSTEMS ANALYSIS AND DESIGN

Prerequisites: CMSC-4323 and CMS-C4123.

An overview of the systems development life cycle with emphasis on the tools and techniques of information analysis and structured system design. Students work in a project team to complete a major systems development project. Lecture – 3 hours; Laboratory – 2 hours. This course is normally offered in the spring semester of odd numbered years.

4223 COMPUTER SIMULATION

Prerequisite: CMSC-2423.

An introduction to the application of programming to the design and implementation of computer simulations. Topics include simulation languages and the application of stochastic processes to simulation theory. This course is normally offered in the spring semester of even numbered years.

4323 DATABASE PROCESSING

Prerequisite: CMSC-2423.

An introduction to database systems. Topics include the design and implementation of the major database models. This course is normally offered in the fall semester of even numbered years.

4413 OPERATING SYSTEMS

Prerequisites: CMSC-3233 and CMSC-3443 or ELEC-3203.

An examination of the major features of an operating system and its interaction with the hardware at the register level. Topics include memory management, job scheduling, and multi-programming. This course is normally offered in the spring semester.

4513 PROGRAMMING LANGUAGES

Prerequisite: CMSC-2133 or CMSC-2423.

A study of the organization of programming languages. Topics include data types, sequence control, data control, and operating environment considerations. Several high-level languages will be studied. This course is normally offered in the spring semester of odd numbered years.

4713 ARTIFICIAL INTELLIGENCE

Prerequisite: CMSC-3233.

An introduction to the study of artificial intelligence. Topics include problem solving using state-space and problem reduction techniques, search methods, game playing, and predicate calculus. This course is normally offered in the spring semester of even numbered years.

4811 SEMINAR IN COMPUTER SCIENCE

Prerequisite: 35 hours of computer science. This course is normally offered spring semester.

A seminar designed to unite the varied elements of the computer science major. A written and oral presentation covering a current research topic in computer science is required. This course is offered as needed.

4900 INDEPENDENT STUDY IN COMPUTER SCIENCE

Assigned research, readings and reports based on the need of the individual student. May be taken only with permission of the instructor and of the departmental chair. See departmental guidelines for further information. This course is offered as needed.

CULTURE (CLTR)**1101 STUDY ABROAD SEMINAR-EUROPE**

This course is required for students participating in the Summer or Fall European Study Programs. Students conduct initial research on the countries they will visit as part of the program and complete the necessary pre-departure preparation. This course is normally offered in the spring semester

1103 ENGLISH CONVERSATION

An intermediate course in the English language for non-speakers. The course includes a review of basic English grammar, readings in the language, pronunciation drills and conversation. It is normally open only to foreign students participating in the Ibaraki Christian University-OC Exchange Program. This course is normally offered in the spring semester.

1201 STUDY ABROAD SEMINAR-PACIFIC RIM

This course is required for students participating in the Pacific Rim Study Program. Students conduct initial research on the countries they will visit as part of the program and complete the necessary pre-departure preparation. This course is normally offered in the spring semester.

1203 AMERICAN CULTURE

An intermediate course in American culture for non-native speakers. Emphasis may vary (literature, art, history, etc.) according to the instructor teaching the course. It is normally open only to foreign students participating in the Ibaraki Christian University-OC Exchange Program. This course is normally offered in the spring semester.

1301 STUDY ABROAD SEMINAR - LATIN AMERICA

This course is required for students participating in the Latin American study program.

Students conduct initial research on the countries they will visit as part of the program and complete the necessary pre-departure preparation. This course is normally offered in the spring semester.

2103 LANGUAGE AND CULTURE-EUROPE

A study of conversational German and European culture for students on the Fall European Studies program. Not applicable for degree language requirements. This course is normally offered in the fall semester.

2913 WESTERN ARTS AND CULTURE

An analysis of the confluent events and expressions – historical, political, religious, philosophical, literary, artistic, and scientific – that shaped Western art, culture, and values. Important connections, interrelationships, and conversations among key texts, artistic works, historical events and interacting cultures. This course is normally offered in the fall semester.

EARLY CHILDHOOD EDUCATION (ECED)

3013 NATURE AND CHARACTERISTICS OF EARLY CHILDHOOD

Prerequisites: admission to teacher education; EDUC-3213 (may enroll concurrently). After studying the broad field of Early Childhood in relation to its multiple historical, philosophical and social foundations, the candidate will examine how these foundations influence current thought and practice. After exploring the characteristics of the young child from birth to age eight, the candidate will demonstrate observation techniques and planning skills related to developmentally appropriate practice. The candidate will also reflect on the role of the teacher and ethical considerations of the Early Childhood field. This course includes field experience which is scheduled within the time allotment of the class. (Students whose programs do not require admission to teacher education but require this course will receive credit for CHDV-3013, which cannot be applied to licensure requirements.) This course is normally offered in the fall semester.

3023 EMERGENT LITERACY

Prerequisites: admission to teacher education; ECED-3013. After surveying language development and techniques for facilitating that development as it emerges from infancy through the primary years, the candidate will plan and implement methods and activities to encourage the emergence of literacy. The candidate will also develop an understanding of and respect for the sociocultural diversity of literacy development as well as the interrelationships of culture, language, thought and the function of the home language in the development of young children. (Students whose programs do not require admission to teacher education but require this course will receive credit for CHDV-3023, which cannot be applied to licensure requirements.) This course is normally offered in the fall semester.

4013 COGNITIVE SKILLS

Prerequisites: admission to teacher education; ECED-3013. Practicum: 15 hours, ECED-4013P. The candidate will apply current thought and practice concerning how children learn, from infancy through age eight, including activities surrounding integrated curriculum and the value of play. This course is normally offered in the spring semester.

4023 TOPICS IN EARLY CHILDHOOD

Prerequisites: admission to teacher education; ECED-3013. The candidate will describe and apply behavior and guidance theories for the young child from infancy through age eight. The candidate will also demonstrate techniques for planning and implementation of parental involvement, and understanding the children and their families in the context of society. (Students whose degree programs do not require admission to teacher education but require this course will receive credit for CHDV-4023, which cannot be applied to licensure requirements.) This course is normally offered in the spring semester.

4112 EARLY CHILDHOOD PRACTICUM

Prerequisites: admission to teacher education; ECED-3013; ECED-3023 and ECED-4013. Practicum: 60 hours; ECED-4112P. This field experience of 60 clock hours, divided between two NAEYC-accredited sites, gives the candidate the opportunity to engage in activities with young children and their families, based on what the candidate has studied in previous or concurrent early childhood coursework. This course is normally offered every semester.

ECONOMICS (ECON)

2113 MACROECONOMIC PRINCIPLES

A study of the economic system as a whole, dealing with price levels, employment, the level of total production of goods and services and growth. The course includes study of the free enterprise system and of government monetary and fiscal policy. This course is normally offered every semester.

2213 MICROECONOMIC PRINCIPLES

Prerequisite: ECON-2113. A study of specific economic units within a free enterprise economy such as individual consumers, businesses, or industries. The pricing and output of goods and services and the pricing and employment of labor and capital are studied. This course is normally offered every semester.

4900 INDEPENDENT STUDY IN ECONOMICS

Prerequisites: Junior or Senior standing and approval of the chair of the school. (1-3 hours). Guided readings or research projects arranged in consultation with advisor. This course is offered as needed.

EDUCATION (EDUC)

3003 AMERICAN SIGN LANGUAGE I

Students will be able to communicate with the hearing impaired by using visual-gestural language. The course emphasizes acquisition of receptive and expressive conversational skills through individual demonstration as well as cultural aspects of everyday life experience of the hearing impaired. This course is normally offered as needed.

3121 ORIENTATION TO TEACHER EDUCATION

Prerequisites: ENGL-1123, grade of C or above, GPA – 2.65. Corequisite: concurrent enrollment in EDUC-3122. Practicum: 33 hours. Prospective candidates will be placed in a public school with a diverse student population to observe instructional classroom management and assessment strategies used by classroom teachers. Students will apply for admission to teacher education and will begin the Teacher Education Documentation Portfolio process required by Oklahoma. This course is normally offered every semester.

3122 THE SCHOOL IN AMERICAN CULTURE

Prerequisites: ENGL-1123 grade of C or above, GPA – 2.65. Corequisite: concurrent enrollment in EDUC-3121. Prospective candidates will be able to explain the role and contributions of education in a democratic society and to state their personal philosophies of education. Emphasis is placed on history, philosophies and current trends. Course must be completed with a grade of C or better to gain admission to teacher education. This course is normally offered every semester.

3213 LEARNING, INSTRUCTION AND ASSESSMENT

Prerequisite: admission to teacher education. Corequisite: concurrent enrollment EDUC-3422 recommended. Candidates will be able to relate contemporary theories of learning to instruction and develop skill in planning, instruction, and assessment of student learning. Focus: Oklahoma core curriculum and instructional strategies and plans based in Priority Academic Student Skills (PASS). (Majors in the College of Biblical Studies may enroll with permission of instructor as the only prerequisite.) This course is normally offered every semester.

3422 EDUCATIONAL TECHNOLOGY

Prerequisite: admission to teacher education. Corequisite: concurrent enrollment EDUC-3213 recommended. Candidates will be able to use computers to prepare instructional materials to enhance classroom instruction in other ways. Competence is developed in operating and effectively using equipment and materials commonly used by classroom teachers. This course is normally every semester and summer.

3723 EDUCATION OF THE EXCEPTIONAL CHILD

Prerequisite: admission to teacher education. After surveying various types of exceptionalities found in children and adolescents, candidates will be able to suggest adaptations in classrooms and teaching strategies to meet the needs of PK-12 students who have identified exceptionalities. This course is normally offered every semester and some summers.

4013 HUMAN RELATIONS AND BEHAVIOR MANAGEMENT

Prerequisites: admission to student teaching; Overall GPA 2.75, Major GPA 3.0. Corequisites: Concurrent enrollment in EDUC-4133 and student teaching. Candidates will relate self-image and communications skills to classroom interaction while developing skill in using behavior management approaches based on discipline models which reflect current thinking. Emphasis is placed on warmth, empathy, and genuineness; cultural diversity issues are addressed by examining case studies and participating in appropriate activities. This course is normally offered every semester.

4112 READING IN THE CONTENT AREAS

Prerequisites: EDUC-3213; admission to teacher education. Practicum: 33 hours (EDUC-4412P). Candidates practice strategies crucial to developing students into independent comprehenders. The course focuses on the importance of reading in the various content area as central to accessing knowledge. This course is normally offered in the spring semester.

4131 APPLIED INSTRUCTIONAL AND ASSESSMENT STRATEGIES

Prerequisites: admission to student teaching
A one hour course for senior education majors taken during the student teaching semester. Candidates will acquire additional knowledge in the areas of effective instructional strategies and assessment practices and apply their learning in the field via the Teacher Work Sample (TWS). This course is normally offered in the fall semester.

4132 CRITICAL ISSUES IN EDUCATION

Prerequisites: admission to student teaching; Overall GPA 2.75, Major GPA 3.0
Corequisites: concurrent enrollment EDUC-4013 and student teaching.
Candidates demonstrate skill in communicating with students, parents, colleagues, and others in the school community. Emphasis is placed on the role of the teaching profession in curriculum change and school improvement. Candidates will refine skills for planning effective units of instruction and daily lessons and in assessing student learning. This course is normally offered every semester.

4413 METHODS OF TEACHING HEALTH AND PHYSICAL EDUCATION IN SECONDARY SCHOOLS

Prerequisites: EDUC-3213 (PHED-4413); admission to teacher education. Practicum: 33 hours (EDUC-4413P).
Candidates develop materials for and demonstrate competency in instructional practices and assessment techniques used in health and physical education courses in grades 7-12. (Same as PHED-4413.) This course is normally offered in the spring semester.

4422 ELEMENTARY MUSIC METHODS

Prerequisites: EDUC-3213; admission to teacher education.
Methods for teaching general music in the elementary school. Course requirements include 18 hours of field experience. This course is normally offered in the fall semester odd years.

4432 SECONDARY INSTRUMENTAL MUSIC METHODS

Prerequisites: EDUC-3213; admission to teacher education.
Organization and administration of the instrumental curriculum, including teaching methods and materials for teaching instrumental music at secondary school levels. This course includes 18 hours of field experience. This course is normally offered in the fall semester even years.

4442 SECONDARY VOCAL MUSIC METHODS

Prerequisites: EDUC-3213; admission to teacher education.
Methods for teaching vocal music at secondary school levels. This course includes 18 hours of field experience. This is course normally offered in the fall semester even years.

4463 METHODS OF TEACHING MATHEMATICS IN SECONDARY SCHOOLS

Prerequisites: EDUC-3213; admission to teacher education.
Practicum: 45 hours (EDUC-4463P).
Methods and materials for instruction and evaluation in mathematics at secondary school levels. The course includes a practicum. This course is normally offered in the fall semester.

4473 METHODS OF TEACHING SOCIAL STUDIES IN SECONDARY SCHOOLS

Prerequisites: EDUC-3213; admission to teacher education.
Practicum: 45 hours (EDUC-4473P).
Methods and materials for instruction and evaluation in social studies at secondary school levels. The course includes a practicum. This course is normally offered in the fall semester.

4533 METHODS OF TEACHING SCIENCE IN SECONDARY SCHOOLS

Prerequisites: EDUC-3213; admission to teacher education.
Practicum: 45 hours (EDUC-4533P).
Methods and materials for instruction and evaluation in science at secondary school levels. The course includes a practicum. This course is normally offered in the fall semester.

4553 METHODS OF TEACHING LANGUAGE ARTS IN SECONDARY SCHOOLS

Prerequisites: EDUC-3213; admission to teacher education.
Practicum: 45 hours (EDUC-4553P).
Methods and materials for instruction and evaluation in language arts at secondary school levels. The course includes a practicum. This course is normally offered in the fall semester.

4618 STUDENT TEACHING IN THE ELEMENTARY SCHOOL

Prerequisites: Admission to student teaching; Overall GPA 2.75, Major GPA 3.0.
Corequisites: Concurrent enrollment in EDUC-4013 and EDUC-4133.
Candidates will demonstrate competencies required by Oklahoma for licensure in elementary education during two 6-week assignments in two grade levels in public schools in the Oklahoma City metropolitan area. Each OC candidate will be observed and evaluated regularly by a faculty member from the OC School of Education. Student teachers will meet weekly with university supervisors. This course is normally offered every semester.

4718 STUDENT TEACHING IN THE SECONDARY SCHOOL

Prerequisites: Admission to student teaching; major GPA 3.0.
Other: Concurrent enrollment in EDUC-4013 and EDUC-4133.
Candidates will demonstrate competencies required by Oklahoma for licensure in grades

7-12 during two 6-week assignments, one in a high school and one in a middle/junior high school, in the Oklahoma City metropolitan area. Each OC candidate will be observed and evaluated regularly by an OC School of Education faculty member. Student teachers will meet on campus weekly with university supervisors. This course is normally offered every semester.

4818 STUDENT TEACHING IN THE ELEMENTARY AND SECONDARY SCHOOLS

Prerequisites: Admission to student teaching; Overall GPA 2.75, Major GPA 3.0.
Corequisites: Concurrent enrollment in EDUC-4013 and EDUC-4133. Candidates will demonstrate competencies required by Oklahoma for licensure in grades K-12. Candidates will be assigned to a secondary school, either junior high/middle or high school, and to an elementary school (Oklahoma City metropolitan area) to complete 6 weeks of student teaching in each. Each OC candidate is observed and evaluated regularly by an OC School of Education faculty member. Student teachers will meet weekly with university supervisors. This course is normally offered every semester.

4900 INDEPENDENT STUDY IN PROFESSIONAL EDUCATION

Prerequisites: Junior or Senior standing; Approval of the Chair of the School of Education.
Assigned reading and reports based on the needs of the individual student. This course is offered as needed.

ELECTRICAL ENGINEERING (ELEC)

3303 INTRODUCTION TO ELECTRONICS

Prerequisite: Admitted into ECE.
Introduction to basic semiconductor devices: diodes, bipolar junction transistors and field-effect transistors. Discrete component electronics. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

3313 ELECTRONICS

Prerequisite: ELEC-3303.
Analog electronics. Operational Amplifiers and their applications. Discussion and application of basic analog Bipolar Junction Transistor (BJT) building blocks: amplifiers, current sources and output stages. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

3403 CONTINUOUS-TIME LINEAR SYSTEMS

Prerequisite: Admitted into ECE.
Time and frequency domain analysis of Linear Time-Invariant Continuous-Time (LTIC) systems. Representation of signals and systems through the use of Fourier series, Fourier and Laplace transforms. LTIC system modeling and realization of electrical systems with transfer functions and state-space variables. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

3503 DISCRETE-TIME LINEAR SYSTEMS

Prerequisite: Admitted into ECE.
Time and frequency domain analysis of Linear Time-Invariant Discrete-Time (LTID) systems using difference functions, Fourier transforms, and Z-transforms. LTID system modeling and system realization with transfer functions. Introduction to stochastic processes. Lecture – 3 hours. This course is normally offered in the fall semester.

3523 DIGITAL SIGNAL PROCESSING

Prerequisites: ELEC-3503.
Analysis, design, and implementation of discrete-time systems. FIR/IIR systems, parametric and non-parametric power spectrum estimation and optimal filtering, finite-word length effects. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

3613 ELECTROMAGNETIC FIELDS

Prerequisite: Admitted into ECE.
A study of Maxwell's equations and applications; EM waves, transmission lines, and introduction to antennas. Lecture – 3 hours; Laboratory – 0 hours. This course is normally offered in the spring semester.

4113 COMMUNICATION SYSTEMS

Prerequisite: ELEC-3403 and ELEC-3503.
Design and analysis of analog and digital communication systems in the presence noise. Topics include capacity analysis, performance criteria, modulation systems and link analysis. Lecture – 3 hours. This course is normally offered in the spring semester of odd-numbered years.

4323 ELECTRONIC DEVICES

Prerequisite: ELEC-3313.
Introduction to physics of semiconductor devices. The three electronic devices from Introduction to Electronics are brought from basic physics to current-voltage characteristics and circuit models. Lecture – 3 hours. This course is normally offered in the spring semester.

4423 CONTROL SYSTEMS

Prerequisite: ELEC-3403.
Control system theory of continuous time systems. Modeling physical systems through

transfer functions and state space descriptions. System performance measures including stability, transient response, steady state response, and sensitivity. Classical and modern control techniques; root locus, frequency response methods and PID control. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the spring semester of even-numbered years.

4523 REAL-TIME SIGNAL PROCESSING

Prerequisite: ELEC-3523.

Design and implementation of real-time embedded digital signal processing systems. Applications chosen from among communications, radar, speech processing, and biological signal processing. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

4613 RADIO FREQUENCY ENGINEERING

Prerequisite: ELEC-3613.

Analysis and design of Radio Frequency circuits and systems. Network analysis parameters for system level RF design will be used to bridge earlier field theory analysis to modern RF circuit design techniques and software. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

4732 SYSTEMS DESIGN I

Prerequisite: Consent of ECE department.

A recap and extension of problem-solving skills introduced in earlier courses using a systems design approach; to prepare the student for the capstone design project work of ELEC-4743 and ELEC-4753; topics include engineering design terminology, methodology, and procedures; technical memos and reports; safety, ethics, information gathering, and team dynamics. Significant emphasis on oral presentations is included. Laboratory – 3 hours. (Same as MECH-4732 and CENG-4732.) This course is normally offered in the spring semester.

4743 SYSTEMS DESIGN II

Prerequisite: ELEC-4732. Corequisite: ENGR-3213.

An implementation of the design methodology covered in Systems Design I. Applications of research and design relating to real world or industry problems; interaction with other fields of engineering and science. ELEC-4743 and ELEC-4753 constitute a single two-semester project experience. Laboratory – 6 hours. (Same as MECH-4743 and CENG-4743.) This course is normally offered in the fall semester.

4753 SYSTEMS DESIGN III

Prerequisite: ELEC-4743.

A continuation and completion of the capstone design project begun in ELEC-4743. Students not successfully completing the entire project must normally retake ELEC-4743 and ELEC-4753 with a new project assignment. Laboratory – 6 hours. (Same as MECH-4753 and CENG-4753.) This course is normally offered in the spring semester.

4820 INTERNSHIP FOR ENGINEERING PRACTICE

The engineering programs encourage all students to participate in at least one summer of engineering internship work. The engineering internship experience is very important to providing real-world application of the classroom experience and also has become an expectation by employers of engineers internationally. This course allows international students in F-1 status majoring in engineering at OC to participate in Curricular Practical Training. Enrollment in this course will be under the supervision of an individual engineering professor. A journal or summary paper of the internship experience will be required at the conclusion of the employment period. 1 to 3 credit hours. This course is offered on a case by case basis through coordination with the international office.

ELEMENTARY EDUCATION (ELEM)

3233 LITERACY I: EARLY DEVELOPMENT OF LITERACY IN CHILDREN

Prerequisite: Admission to teacher education.

Practicum: 20 hours (ELEM-3233P).

Candidates will instruct individual students in a classroom setting. They will construct and present motivating lessons and assess and reflect on student learning. Focus is on the use of early developmental stages of literacy elements, including reading, writing (process, types, grammar, punctuation, spelling, handwriting), literature, listening, speaking, viewing, visually representing, and assessment. This course is normally offered in the spring semester.

3323 MOVEMENT AND FINE ARTS

Prerequisites: Admission to teacher education or concurrent enrollment in EDUC-3121 and EDUC-3122.

Candidates design materials, demonstrate instructional methods, and create activities for integrating movement, art and music, and health and fitness activities into the PK and elementary classroom. This course is normally offered every semester.

3333 LITERACY II: LITERACY STRATEGIES FOR PRIMARY GRADES

Prerequisites: Admission to teacher education; ELEM-3233.

Corequisites: concurrent enrollment ELEM-3632, ELEM-3733, ELEM-3832; ELEM-3900P.

Candidates will construct and present motivating lessons to small groups and whole classes of primary students in a classroom setting and will assess and reflect on student learning. Focus is on a continuation of development of knowledge, understanding, and

use of the early developmental stages of literacy elements. Placement in a public school setting will be included in the scheduling of the class. This course is normally offered in the fall semester.

3632 SOCIAL STUDIES FOR PRIMARY STUDENTS

Prerequisites: Admission to teacher education; EDUC-3213.

Corequisites: concurrent enrollment in ELEM-3333, ELEM-3733, ELEM-3832; ELEM-3900P.

Candidates will rely on current thought and trends in social studies instruction to develop teaching strategies which engage students in learning and which encourage the development of a multicultural view. This course is normally offered in the fall semester.

3733 MATHEMATICS FOR PRIMARY STUDENTS

Prerequisites: Admission to teacher education; MATH-2913.

Corequisites: concurrent enrollment in ELEM-3333, ELEM-3632, ELEM-3832; ELEM-3900P.

Candidates will apply their knowledge of numeration and their number sense and will be able to use manipulatives in teaching primary students number concepts and basic problem-solving skills. Content emphasis is placed on teaching the four basic mathematical operations. This course is normally offered in the fall semester.

3832 SCIENCE FOR PRIMARY STUDENTS

Prerequisites: Admission to teacher education; EDUC-3213.

Corequisites: concurrent enrollment ELEM-3333, ELEM-3632, ELEM-3733; ELEM-3900P.

Candidates will gain knowledge about methods, materials, and experiences that enable them to teach with an awareness and understanding of the impact of science in the world of the primary student. The focus is hands-on instruction for the biological, earth, and physical sciences. A school-based experience is incorporated. This course is normally offered in the fall semester.

3900P PRIMARY PRACTICUM

Concurrent enrollment ELEM-3333, ELEM-3632, ELEM-3733, ELEM-3832.

A primary grade (K-3) practicum, 60 hours. The focus of the practicum is for the candidate to construct and present lessons in literacy, math, science, and social studies at the primary level. Supervision and assessment of the candidate will be conducted by a university supervisor and the classroom teacher. This course is normally offered in the fall semester.

4242 SOCIAL STUDIES FOR INTERMEDIATE STUDENTS

Prerequisites: Admission to teacher education; EDUC-3213.

Corequisites: concurrent enrollment ELEM-4342, ELEM-4433, ELEM-4443; ELEM-4900P.

Candidates will develop teaching strategies, including hands-on activities that integrate knowledge and methodology from history and social studies and are appropriate for intermediate classrooms. Emphasis is placed on current thought and practice in social studies instruction for teaching students to use a wide variety of research sources to create oral, written and pictorial presentations. This course is normally offered in the spring semester.

4342 MATHEMATICS FOR INTERMEDIATE STUDENTS

Prerequisites: Admission to teacher education; MATH-2913.

Corequisites: concurrent enrollment ELEM-4242, ELEM-4433, ELEM-4443; ELEM-4900P.

Candidates will develop strategies for teaching the construction and exploration of estimation strategies. Content emphasis is placed on teaching concepts of measurement, geometry, algebra, statistics, probability, problem solving, reasoning, and communication of mathematical connections. This course is normally offered in the spring semester.

4433 LITERACY III: LITERACY STRATEGIES FOR INTERMEDIATE STUDENTS

Prerequisites: Admission to teacher education; ELEM-3333.

Corequisites: concurrent enrollment ELEM-4242, ELEM-4342, ELEM-4443, ELEM-4900P.

Candidates will develop and present motivating lessons to small groups and whole classes of intermediate students in public school classrooms and will assess and reflect on gains in student learning. A school-based, competency-driven experience is incorporated. This course is normally offered in the spring semester.

4443 SCIENCE FOR INTERMEDIATE STUDENTS

Prerequisite: Admission to teacher education.

Corequisites: concurrent enrollment ELEM-4433, ELEM-4242, ELEM-4342; 4900P.

Candidates will be able to use inductive and deductive strategies involving observation, scientific investigation, interpretation of findings, and communication of results while engaging in hands-on instruction. Biological, earth and physical sciences are viewed as an integrated discipline. A school-based experience is incorporated. This course is normally offered in the fall semester.

4543 LITERACY IV: ASSESSMENT STRATEGIES FOR INTERMEDIATE GRADES 4-8

Prerequisites: Admission to teacher education; ELEM-4433.

Practicum: 24 hours (ELEM-4543P).

Candidates will know, understand, and use current thought and practice regarding reading assessment practices and intervention practices such as prescriptive teaching procedures. The candidates will apply the knowledge and understanding gained in

a classroom setting with individual, small and whole group situations. This course is normally offered in the fall semester.

4900P INTERMEDIATE PRACTICUM

Concurrent enrollment ELEM-4242, ELEM-4342, ELEM-4433, ELEM-4443.

An intermediate grade (4-5) practicum, 60 hours. The focus of the practicum is for the candidate to construct and present lessons in literacy, math, science, and social studies at the intermediate level. Supervision and assessment of the candidate will be conducted by a university supervisor and the classroom teacher. This course is normally offered in the spring semester.

ENGINEERING SCIENCE (ENGR)

1113 FOUNDATIONS OF ENGINEERING MATHEMATICS

Prerequisite: Math ACT of 23 or equivalent

A survey of the key areas of mathematics as they apply to the field of engineering. Specific emphasis will be placed on algebra, trigonometry, calculus, and differential equation fundamentals. Active learning exercises will be utilized throughout the course to demonstrate the utility of the math being learned. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

1122 ENGINEERING COMPUTING

Corequisite: ENGR-1113, MATH-1213 or MATH-2114.

An introduction to software that will be required in the engineering curriculum. Excel, MathCAD, and MATLAB will be covered. Students will design and build a small system in class which will then be used as the source problem for applying the software tools under study. Laboratory – 6 hours. This course is normally offered in the fall semester.

1132 PROCEDURAL PROGRAMMING

Prerequisite: ENGR-1113

An introduction to structured programming focusing on algorithm development and implementation. Lecture – 1 hour; Laboratory – 3 hours. This course is normally offered in the fall semester.

1242 ENGINEERING FUNDAMENTALS

requisite: ENGR-1122.

Fundamentals of computer, electrical and mechanical engineering design and analysis. Students will use design principles to complete an electromechanical system. Laboratory – 6 hours. This course is normally offered in the spring semester.

1252 INTRODUCTION TO SOLID MODELING

Prerequisite: ENGR-1113

An introduction to solid modeling, including discussion of the elements required for correct and accurate mechanical drawings. A semester project involving the design and analysis of a component is required. A survey of computer aided design tools is provided. This course is normally offered in the spring semester.

2113 ECE MATHEMATICS

Prerequisite: MATH-2114. Introduction to probability, random variables, statistics and linear algebra. Lecture-3 hours. This course is normally offered in the fall semester.

2313 STATICS

Prerequisite: PHYS-2513.

This class is the first of three courses in the study of mechanics. Statics is the study of forces applied to structures. An understanding of statics is a prerequisite for studying strength of material and dynamics. Lecture – 3 hours. This course is normally offered in the fall semester.

2433 THERMODYNAMICS I

Corequisite: PHYS-2613.

An introduction to the analysis of thermal processes, devices and systems. Thermodynamic properties of pure substances; First and Second Law applications for closed and open systems; power and refrigeration cycle analysis. Lecture – 3 hours. This course is normally offered in the spring semester.

2523 DYNAMICS

Prerequisite: ENGR-23313.

A study of force action related to displacement, velocity and acceleration of particles and rigid bodies using translation and rotation, work and energy and impulse and momentum principles. Lecture – 3 hours. This course is normally offered in the fall semester.

2533 STRENGTH OF MATERIAL

Prerequisite: ENGR-2313.

This class is the second of three courses in the study of mechanics. Strength of materials is the study of stress and strain in structures caused by the application of forces and moments. An understanding of strength and materials is a prerequisite for studying machine design and doing engineering structural design. Lecture – 3 hours. This course is normally offered in the spring semester.

2544 INTRODUCTION TO DIGITAL SYSTEMS

Prerequisite: ENGR-1242.

Develops a fundamental understanding of combinational and sequential digital circuits and the design of digital systems using various levels of modern IC technology. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

2614 ELECTRICAL CIRCUIT ANALYSIS

Prerequisite: ENGR-2544.

Introduction of electrical components (inductors, capacitors, resistors) and electronic components [operational amplifiers and the bipolar junction transistor (BJT)] in circuit applications. Network time-domain analysis and first and second-order system response. AC phase and frequency-domain system response; analysis of power circuits and systems. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

2623 MECHANICAL ENGINEERING INSTRUMENTATION

Prerequisite: PHYS-2613.

Corequisite: MATH-3013.

Introduction to mechanical engineering instrumentation and electric circuit analysis. Kirchoff's loop and node laws, operational amplifier circuits, instrument performance characteristics, error analysis, and digital data acquisition systems. Lecture – 3 hours. This course is normally offered in the spring semester.

3023 ENGINEERING MATH

Prerequisite: MATH-2214. Topics in mathematics with direct application to the solving of engineering problems. Discrete statistics and random variables. Lecture – 3 hours. This course is normally offered in the spring semester.

3213 ENGINEERING ECONOMICS

Corequisites: CENG-4743, ELEC-4743, OR MECH-4732.

History, money supply, supply and demand, time value of money, money management, economic measurement, break-even analysis, system analysis and decision-making in engineering and management. Lecture – 3 hours. This course is normally offered in the fall semester. This course is normally offered every semester.

3311 EXPERIMENTAL MECHANICS

Prerequisite: ENGR-2623 and ENGR-2533,

Corequisite: ENGR-2523.

An investigation of experimental methods applied to the field of Solid Mechanics. Emphasis will be placed upon collecting, analyzing, and interpreting experimental results to foster critical thinking and upon experimental planning. Laboratory – 3 hours. This course is normally offered in the fall semester.

ENGLISH (ENGL)

1123 COMMUNICATION I: WRITTEN COMMUNICATION

The first course in college-level writing using contemporary technology. The course emphasizes the composing process, analytical thinking, various types of writing, basic research methods and documentation. Writing includes a journal, a personal essay, a research report, analytical essays and a short research paper sustaining a thesis. Students enrolled in ENGL-1123-Communication I: Written Communication must make a grade of C or better in order to enroll in COMM-1213-Communication II: Oral Communication. This course is normally offered every semester.

1134 COMMUNICATION FOR ENGINEERS

Written and oral communication for engineers including essay and report writing, structuring essays and oral presentations, informative and persuasive speaking, presentation skills and basic principles of interpersonal and group communication. This course is normally offered every semester.

1331 TEFL EXPERIENCE

Supervised private tutoring of non-native English speakers. To receive credit, a student must work not less than 60 hours in a semester, part of which is preparation for the tutoring sessions and evaluation of the tutoree's work. This course is normally offered every semester.

2113 COMMUNICATION III: RESEARCH AND PRESENTATION

Prerequisites: ENGL-1123 and COMM-1213 with a grade of "C" or better.

The final course in the communication series, emphasizing both oral and written presentation of research using contemporary technology. Students are taught to think critically in analyzing texts and evaluating sources and to communicate their ideas in an appropriate medium and style. This course includes both written and oral presentation of an extensive research project. This course is normally offered every semester.

2213 PERSPECTIVES IN LITERATURE

Prerequisite: ENGL-2113 with a grade of "C" or better.

An introduction to great literature of the world, focusing on the deepening and broadening of the students' perspectives to help them become thinkers, readers, and writers for life. (CLEP test credit will not be accepted for this course.) This course is normally offered every semester.

3013 LITERARY CRITICISM

Prerequisite: ENGL-2113 with a grade of "C" or better.

Non-majors by permission only.

An introduction to critical methods with special attention to the elements of literary study and analysis, the major critical documents and present critical approaches. Recommended as the first course in the English major. This course is normally offered in the fall semester.

3123 WORLD LITERATURE I: CLASSICAL TO RENAISSANCE

Prerequisite: ENGL-2113 with a grade of "C" or better.

Non-majors by permission only.

A study of representative world masterpieces through the sixteenth century. This course is normally offered in the fall semester of even numbered years.

3133 WORLD LITERATURE II: RENAISSANCE TO MODERN

Prerequisite: ENGL-2113 with a grade "C" or better.

Non-majors by permission only.

A study of representative world masterpieces from the past four centuries. This course is normally offered in the spring semester of odd numbered years.

3153 ENGLISH LITERATURE SURVEY I

Prerequisite: ENGL-2113 with a grade of "C" or better.

Non-majors by permission only.

A study of the major works of English literature from the Danish invasion to the close of the sixteenth century. This course is normally offered in the fall semester of odd numbered years.

3253 ENGLISH LITERATURE SURVEY II

Prerequisite: ENGL-2113 with a grade of "C" or better.

Non-majors by permission only.

A study of the major works of English literature from the late Renaissance through the Romantics. This course is normally offered in the spring semester of even numbered years.

3313 INTRODUCTION TO LINGUISTICS

Prerequisite: ENGL-2113 with a grade of "C" or better.

The basic concepts, scope and methodology of the science of language in its descriptive and historical aspects as well as an introduction to the phonemic, morphemic and syntactical features of language. The course also considers the applications of modern linguistics. This course is normally offered in the fall semester of even numbered years.

3353 ENGLISH LITERATURE SURVEY III

Prerequisite: ENGL-2113 with a grade of "C" or better.

Non-majors by permission only.

A study of the major works of English literature from the Victorians to the present. This course is normally offered in the spring semester of odd numbered years.

3413 STUDIES IN WORLD LITERATURE

Prerequisite: ENGL-2113 with a grade of "C" or better.

Non-majors by permission only.

A study of one major genre (fiction, poetry, drama, or film) as it appears in major world texts. The course may be repeated as the content changes. This course is normally offered in the spring semester.

3443 BIBLE AS LITERATURE

In this course students will exam the Bible not only as God's inspired word, but also as a literary text. Critiques and analyses from Biblical scholars will be explored. In addition, students will write about their personal interpretations of the Bible. Same as BIBL-3443. This course is normally offered in the spring semester.

3493 TECHNICAL WRITING

Prerequisite: ENGL-2113 with a grade of "C" or better.

An introduction to scientific, business and technical writing, including experience in conducting research and writing major types of reports as well as letters and memos. The course also includes basic information regarding graphics and design. This course is normally offered in the fall semester.

3523 CREATIVE WRITING I

Prerequisite: ENGL-2113 with a grade of "C" or better.

A study of the theory of creative writing and practice in a workshop setting in the composition of fiction, poetry and/or drama. The course serves as an introduction to the sources of creative writing, the characteristics of the major genres and the process of revising and editing. This course is normally offered in the spring semester of even numbered years.

3533 CREATIVE WRITING II

Prerequisites: ENGL-2113 with a grade of "C" or better and ENGL-3523.

An advanced study and practice of the craft of one major genre (usually fiction, poetry or drama). The course is a workshop in practicing the particular features of the genre under study and a study of the process of revising, editing and marketing manuscripts. This course is normally offered in the spring semester of odd numbered years.

3673 AMERICAN LITERATURE SURVEY I, BEFORE 1865

Prerequisite: ENGL-2113 with a grade of C or better. Non-majors by permission only.

A study of early American literature from the writings of the explorers and colonists through Edgar Allan Poe. This course is normally offered in the fall semester of even numbered years.

3713 STRUCTURE OF THE ENGLISH LANGUAGE

Prerequisite: ENGL-2113 with a grade of "C" or better.

An advanced analysis of English grammar, emphasizing constituent structure, levels of

usage, and application to writing This course is normally offered in the fall semester of even numbered years.

3773 AMERICAN LITERATURE SURVEY II, 1865-1914

Prerequisite: ENGL-2113 with a grade of "C" or better. Non-majors by permission only.

A study of the major American authors of Romanticism, Realism, and Naturalism. This course is normally offered in the spring semester of odd numbered years.

3803 LITERATURE OF THE PACIFIC RIM

Prerequisite: ENGL-2113 with a grade of "C" or better.

A survey of poetry, fiction and drama of the cultures visited as a part of the Pacific Rim Study Abroad Program. Notes on all readings will be kept in a journal. A major paper will be submitted on a topic related to the readings. (Counts as a core literature course and for a major or minor in English). This course is normally offered every fall in conjunction with the Pacific Rim Program.

3813 INDIVIDUALIZED WRITING

Prerequisite: ENGL-2113 with a grade of "C" or better.

Extensive practice, analysis and evaluation of writing in a seminar setting. Designed for beginning and advanced expository writers. This course is normally offered in the fall semester of odd numbered years.

3873 AMERICAN LITERATURE SURVEY III, 1914-PRESENT

Prerequisite: ENGL-2113 with a grade of "C" or better.

Non-majors by permission only.

A study of major American authors and literary movements from WWI to the present with English Lit II. This course is normally offered in the spring semester of even numbered years.

4103 MODERN DRAMA

Prerequisite: ENGL-2113 with a grade of "C" or better.

A study of major works, themes, and movements in modern drama. This course is offered as needed.

4113 STUDIES IN CHAUCER

Prerequisite: ENGL-2113 with a grade of "C" or better.

Non-majors by permission only.

A detailed study of Chaucer's works and the modern criticism of Chaucer in the original middle English. This course is normally offered in the fall semester of even numbered years.

4213 STUDIES IN SHAKESPEARE

Prerequisite: ENGL-2113 with a grade of "C" or better.

Non-majors by permission only.

A thorough analysis of at least 11 of Shakespeare's plays and the major criticism. This course is normally offered in the spring semester.

4413 STUDIES IN ENGLISH LITERATURE

Prerequisite: ENGL-2113 with a grade of "C" or better.

Non-majors by permission only.

A detailed study of a specific genre, movement or writer in English literature. This course may be repeated as the content is changed. This course is normally offered in the spring semester.

4513 STUDIES IN AMERICAN LITERATURE

Prerequisite: ENGL-2113 with a grade of "C" or better. Non-majors by permission only.

A detailed study of a specific genre, movement or writer in American literature. This course may be repeated as the content is changed. This course is normally offered in the fall semester.

4633 INTERCULTURAL COMMUNICATION I

Prerequisite: ENGL-2113 with a grade of "C" or better.

A survey of the basic concepts of how people communicate effectively across cultural boundaries, with special attention given to the complex nature culture plays in communication. ENGL-4633 fosters in students an understanding and appreciation of their own culture and cultural patterns of communication and those of other cultures. (Same as COMM-4633, MISS-4633 and SOCI-4633.) This course is normally offered in the spring semester of odd numbered years.

4643 INTERCULTURAL COMMUNICATION II

Prerequisite: ENGL-2113 with a grade of "C" or better.

A continuation of ENGL-4633, typically taught while a student is living in a foreign culture. (Same as MISS-4643 and SOCI-4643.) This course is normally offered in the fall semester of odd numbered years.

4713 METHODS OF TEFL

Prerequisite: ENGL-2113 with a grade of "C" or better.

Survey of objectives, methods and philosophies of the teaching of English to non-native speakers of English, including practice in the development of teaching materials. This course is normally offered in the spring semester of even numbered years.

4733 SENIOR CAPSTONE

Prerequisites: Senior standing and departmental approval.

A capstone course giving Language and Literature majors the opportunity to synthesize previous work, to interact with the faculty at an advanced level and to practice research skills in preparation for graduate school or for entry into their profession. GRE testing required at cost to student. This course is normally offered in the spring semester of even numbered years.

4813 SPECIAL PROBLEMS

Prerequisite: ENGL-2113 with a grade of "C" or better.

Non-majors by permission only.

A detailed study of a specific genre, movement or writer in literature, of genre writing or rhetoric; of culture, language or methodology. This course may be repeated as the content is changed. This course is normally offered every semester.

4851 PRACTICUM IN WRITING/RESEARCH/EDITING

Prerequisite: ENGL-2113.

Practical experience working with a publisher of books or periodicals (e.g., work with a textbook publisher, Soundings or Christian Chronicle.) This course is normally offered as needed.

4863 TEFL STUDENT TEACHING PRACTICUM

Prerequisites: ENGL-3313, ENGL-3713, ENGL-4633 and ENGL-4713.

Observation and teaching experience in an ESL classroom or extensive practice in private tutoring with formal supervision. This course is normally offered as needed.

4900 INDEPENDENT STUDY

A reading, research or writing project related to a student's special interest or need. The course may be taken only by juniors or seniors with approval of the departmental chair and agreement by an English instructor to direct the project. This course is normally offered as needed.

FAMILY STUDIES (FMST)

1113 INTRODUCTION TO FAMILY STUDIES

A comprehensive introduction to the subjects which comprise the study of human development and family betterment. It covers, in very general terms, the spectrum from conception to death and takes a general look at professional possibilities within this broad field. The research base of the discipline is introduced as the student learns the difference between research-based and expository publication. Common statistical terms are studied so that the student can read research journals with elementary understanding. This course is normally offered every semester.

2423 PARENT-CHILD RELATIONS

Prerequisite: FMST-1113.

Opportunities, responsibilities, and problems faced by parents in guiding the development of children, with emphasis on recent research in the area of parent-child relationships. (Same as SOCI-2423.) This course is normally offered in the spring semester.

3453 PERSONAL AND FAMILY FINANCE

This course is designed to help individuals and families learn the basics of managing their finances in a biblical way. Topics covered in this class include: budgeting, investing, insurance, buying your own home, and teaching your children about money. (Same as BIBL-3453.) This course is normally offered every semester.

3513 CHILD WELFARE

Prerequisite: FMST-1113.

A study of child welfare services. Particular attention is given to the areas of foster care, adoption, institutional care, care of unwed mothers and protective services. This course is normally offered in the spring semester.

3523 HUMAN SEXUALITY

Prerequisite: FMST-1113.

An introductory course including considerations of human sexual development. The course is intended to present a decision-making model with which individuals can make decisions and accept responsibility for their actions. This course is normally offered in the fall semester.

3533 FAMILY LIFE EDUCATION

Prerequisite: FMST-1113.

This course is designed to provide students with an applied learning experience in the design, development, and implementation of programs geared toward helping children and families. Areas of emphasis include program planning, theory, evaluation, mass media communication, and principles of teaching/instruction. This course is normally offered in the spring semester even numbered years.

3613 ADOLESCENCE AND EARLY ADULTHOOD

Prerequisite: PSYC-1113.

This course covers the developmental process of adolescence and early adulthood. The course focuses on biological, cognitive, and socio-emotional issues as they pertain to the ongoing changes in this time of the life cycle. Attention will be given to issues of gender, culture, family relationships, peer relationships, sexuality, and education. Special attention will also be given to issues that young adults face as they venture into collegiate

life, career exploration and new family roles. (Same as PSYC-3613.) This course is normally offered in the fall semester of odd numbered years.

3723 GERONTOLOGY

Prerequisite: FMST-1113.

A study to include physical and health factors in aging; psychological aspects of aging; marriage, family, and community relationships of older persons; economic and vocational factors in aging; perspectives on death, dying and grief; aging and institutional care; aging and the law; and the future of social intervention, both public and private. (Same as PSYC-3723 and SOCI-3723.) This course is normally offered in the spring semester.

3913 FAMILY DEVELOPMENT

Prerequisite: FMST-1113.

An introduction to the family development life cycle. The course will focus on the stages that marriages and families progress through and the associated tasks that need to be addressed and successfully negotiated. Attention will be given to dating, marriage, having children, children going to school, adolescence, empty nest and issues of caretaking, grandparenting and aging. The course will also explore the related crises that develop around these developmental transition periods. This course is normally offered in the fall semester.

3933 CYBERNETICS AND SYSTEMS THEORY

Prerequisite: FMST-1113.

An introduction to the major underlying theoretical foundations of family therapy. The course will explore the historical development of systems theory and cybernetics from its origins in the 1940s in the thinking of mathematicians, physicists, biologists, and engineers to the pioneering work of Bateson and his colleagues in the late '50s and their application of cybernetics to the family. The course will also introduce the work of Murray Bowen. The basic concepts of systems theory will be discussed and contrasted with the more common Western, analytical approach which has dominated the thinking in psychology since the time of Freud. (Same as PSYC-3933.) This course is normally offered in the fall semester.

4123 DIVORCE AND STEPFAMILY RELATIONSHIPS

Prerequisite: FMST-1113.

An overview of the issues pertaining to divorce and stepfamily relationships. We will address the consequences of divorce on children and adults as well as ways in which adults can create a more healthy post-divorce environment for their children. We will consider the major issues surrounding stepfamilies in today's society and how healthy relationships can be established in these environments. This course is normally offered in the fall semester.

4323 INTRODUCTION TO MARITAL AND FAMILY THERAPY

Prerequisite: FMST-1113.

An introduction to the field of marital and family therapy. It will present the history of systems therapy, including the importance of systems theory to the continuing development of the discipline. Special emphasis will be placed on the current status of marital and family therapy including the importance of constructivist theories. The course will also present the major theories of marital and family therapy that have defined the field for the last 40 years. This will be a systemic, experiential, discussion-based class that will require active participation from each student. (Same as PSYC-4323.) This course is normally offered in the spring semester of even numbered years.

4653 RESEARCH SEMINAR

Prerequisites: FMST-1113 and PSYC-4623.

The capstone course in the Family Studies program. Students will learn SPSS – the Statistical Package for the Social Sciences – and complete their own individual research project and paper, including the collection and analysis of data. The final goal will be making a presentation of their findings to the appropriate student convention. Much of the class will consist of individual instruction and laboratory work. (Same as PSYC-4653.) This course is normally offered in the spring semester.

4713 FAMILY STUDIES PRACTICUM

Prerequisite: FMST-1113.

A practicum that is a self-selected experience from among approved settings within the areas of child development or gerontology. Commercial infant or child care, child abuse facilities, Department of Human Services facilities, retirement or assisted living facilities are possible acceptable settings. A total of 126 clock hours (9 hours per week) during a semester is required. This course is offered as needed.

4733 PROFESSIONAL, ETHICAL AND LEGAL ISSUES

Prerequisites: FMST-1113 and senior standing.

A study of the contemporary ethical considerations, legal standards and professional issues that influence the work of psychologists, counselors, and other mental health officials. Specific attention will be given to the Ethical Standards of the APA, ACA, and AAMFT, as well as Oklahoma State Law governing the behavior of researchers and psychotherapists. The course will focus on specific ethical dilemmas throughout the class, including – among others – confidentiality, dual relationships, professional relationships, assessment and research. (Same as PSYC-4733.) This course is normally offered in the fall semester of odd numbered years.

4900 INDEPENDENT STUDY IN FAMILY STUDIES

Prerequisite: FMST-1113.

Provides mature students an opportunity for individual research and guided readings. (1-3 hours) This course is offered as needed.

FINANCE (FINC)

3313 FINANCIAL MANAGEMENT

Prerequisites: ECON-2113, ACCT-2213.

A study of the objectives and techniques of the finance function of the firm. Financial ratios, cash budgets, break-even analysis, leverage, quantitative tools, security evaluation, cost of capital, capital budgeting, working capital management, sources of capital for expansion and evaluation of the capital structure are studied. This course is normally offered every semester.

3513 MONEY AND BANKING

Prerequisites: ECON-2113 and ECON-2213.

A study of the nature, history, and functions of money and monetary institutions. Particular attention is given to the central banking system, the Federal Reserve System, free enterprise, government controls, the money supply, foreign exchange, and the interrelationships between monetary theory and the theories of prices and unemployment. This course is normally offered in the fall semester.

3613 INVESTMENTS

Prerequisite: MGMT-3513.

A practical study of securities and securities markets. The development of the models for the valuation of stocks and bonds as well as alternative investments such as options, warrants, convertible securities, futures, mutual funds, and puts and calls. This course is normally offered in the spring semester.

3713 INTERNATIONAL FINANCE

Prerequisites: FINC 3313

Analyzes financial problems corporations face that result from operating in an international environment. Major topics covered are corporate strategy and the decision to invest abroad, forecasting exchange rates, international portfolio diversification, managing exchange risk, exposure management, cost of capital and financial structure in the multinational firm, and sources of financing. This course is normally offered in the spring semester.

3813 PERSONAL FINANCE

Prerequisites: FINC 3313

An analysis of financial management for individuals and families. Areas covered include financial planning and budgeting, financial products and services, and risk management. This course is normally offered in the spring semester.

4113 ADVANCED FINANCIAL MANAGEMENT

Prerequisite: MGMT-3513.

A continuation of the basic financial management course. The course involves an in-depth study of the theories and practices related to the financial administration of the firm. Areas covered include valuation model, risk analysis, capital budgeting, capital structure and dividend policy, long term financing decisions, and asset management. This course is normally offered in the fall semester.

4313 FINANCIAL MARKETS AND INSTITUTIONS

Prerequisite: MGMT-3513.

An analysis of financial markets and institutions. Areas covered include non-bank financial institutions, the nature and importance of various financial markets, and global issues with international markets and institutions. This course is normally offered in the spring semester.

4513 TOPICS IN FINANCE

Prerequisites: FINC-3513, FINC-3613, FINC-4113, and FINC-4513.

The capstone course for finance. In addition to emphasizing portfolio management and international finance, the course covers the most current topics of investment finance. This course is normally offered in the spring semester.

4713 PRINCIPLES OF INSURANCE

Prerequisites: FINC 3313

Comprehensive study of insurance and third party transfer of risk. This course is normally offered in the fall semester.

4900 INDEPENDENT STUDY IN FINANCE

Prerequisites: Instructor and Dean approval.

Assigned readings, reports and research projects based on the needs of the student. (1-3 hours) This course is offered as needed.

FINE ARTS (FINE)

2903 AESTHETICS

A field study of the great art, architecture, music and drama of Study Abroad destinations. By permission only. This course is normally offered in the fall semester and summer.

2913 PERSPECTIVES IN THE FINE ARTS

This course is an overview of the interaction between the disciplines of visual art, theater, and music. Classes will be team-taught by faculty from each of the three disciplines. A thematic format is followed to examine the major contents common to these media. Significant eras, artists, and works will be shown and discussed. The goal of the course is to help students see the interrelationship of the arts with all areas of life. The course will examine many cultures, both Western and non-Western, and will provide students with a greater appreciation of the arts as essential tools of human understanding. This course is normally offered every semester.

FRENCH (FRNC)

1113 BASIC FRENCH I

Basic principles and practice of speaking, understanding, reading and writing French and an introduction to French culture for those with no background in French. This course is normally offered in the fall semester.

1213 BASIC FRENCH II

Prerequisite: FRNC-1113, one year of French in high school or the equivalent with permission of the instructor. This course is normally offered spring semester.

Continuation of Basic French I, enabling the student to read, write, understand and respond in basic French and to be aware of cultural differences. This course is offered as needed.

GENERAL SCIENCE (GNSC)

1711 FRESHMAN SCIENCE SEMINAR

A seminar course for all freshman natural science majors, introducing students to careers in science, methods and opportunities for research, science faculty, and tutoring programs. This course is normally offered in the fall semester.

2133 GENERAL PHYSICAL SCIENCE

A survey course including basic physics, chemistry, astronomy, and the philosophy of science. Hands-on laboratory exercises are integrated into the course. 4 hours per week. This course is normally offered every semester and summer.

2313 PHYSICAL SCIENCE I: THE EARTH

An introduction to the study of the Earth, emphasizing processes that shape and change the surface. This course studies the lithosphere, hydrosphere, and atmosphere, including effects of pollution and remediation efforts. Hands-on laboratory exercises are integrated into the course. 4 hours per week. (Same as GEOG-2313.) This course is normally offered every semester and summer.

2323 PHYSICAL SCIENCE II: ASTRONOMY

A sequel to GNSC-2313, studying the fundamental concepts of astronomy. This course includes historical perspectives as well as current interpretation of celestial phenomena. The course compares and contrasts other planets to the Earth and examines stars and stellar life cycles, galaxies, and theories of cosmology. Hands-on laboratory exercises are integrated into the course. 4 hours per week. This course is normally offered every semester and summer.

2711 SOPHOMORE SCIENCE SEMINAR

Prerequisite: GNSC-1711 or permission of instructor.

A seminar course introducing students to classic scientific literature and forms of research presentation. Students will also attend departmental lectures and participate in career planning and assessment of readiness to begin upper level science course work. 2 hours per week. This course is normally offered in the spring semester.

3113 FORENSIC SCIENCE AND THE LAW

A course exploring the application of various laws and rules of evidence to the forensic sciences and how the admission of evidence derived from forensic sciences can impact the administration of justice in the United States. What forensic scientists testify to and how their sciences conform to the "Rules of Evidence" will be discussed. Lecture—3 hours. This course is normally offered in the spring semester of even numbered years.

3711 JUNIOR SCIENCE SEMINAR

Prerequisite: GNSC-2711.

A seminar course with emphasis on reading and evaluating primary scientific literature. Students will make presentations and participate in sessions with students enrolled in GNSC-4712. 2 hours per week. This course is normally offered every semester.

4712 SENIOR SCIENCE SEMINAR

Prerequisite: GNSC-3711.

A seminar course requiring research and oral presentation of a paper from students' major area. Students will also participate in assessment, mentoring, and service learning. 2 hours per week. This course is normally offered every semester.

4721 SCIENCE MODELING AND STRATEGIES

Prerequisites: Junior or Senior level, science education major

The course is designed to fulfill NSTA requirements for secondary science education majors. During this course, each student will complete a science portfolio based on competency based artifacts as proof of concept mastery. This portfolio consists of five

different modules and sixteen assignments, each addressing a specific NSTA standard. Student teaching may not be started until the student has successfully completed this course. This course is normally offered in the fall semester.

4850 SCIENCE SERVICE LEARNING

Provides an opportunity for learning in a service environment. Students select a service project and work with a faculty mentor to develop the academic background, assignments and reflection to create a unique learning opportunity. One hour of class time each week will be devoted to meeting with mentors and other students to discuss the project. Variable credit (one to three hours) will be given based on the number of service hours and academic responsibilities. This course is offered as needed.

GEOGRAPHY (GEOG)

2113 ELEMENTS OF HUMAN GEOGRAPHY

A study of the relationship between humankind and the environment and the effect of that relationship on political, cultural, economic, and religious institutions. This course is normally offered in the spring semester of odd numbered years.

2213 WORLD REGIONAL GEOGRAPHY

An interpretive study of the political map of the world and some of its recent changes. Attention is focused on the role of location, physical environment, population, ethnic groups, natural resources, and technological change in the evolution of nation-states and dependent territories. This course is normally offered in the spring semester and summer.

2313 PHYSICAL GEOGRAPHY

An introduction to the process of land form development and the interaction of the hydrosphere and lithosphere. (Same as GNCS-2313.) This course is normally offered every semester and summer.

2413 HUMAN GEOGRAPHY OF LATIN AMERICA

Prerequisite: Acceptance to the Latin American Studies Program.
This course will focus on the cultures-sociological, geographical, political and religious that contribute to the emergence of the present situations. Social interactions among Latin American countries and implications for Latin American-USA relations are also explored and evaluated. The class will be assisted by lectures from area specialists in the countries visited, visual sources, primary and secondary sources, and hands-on learning via tour sites. This course is designed to take advantage of the travel opportunities afforded by your international study experience. This course is offered in the summer when there is a Latin America study abroad program.

2513 HUMAN GEOGRAPHY OF THE PACIFIC RIM

Prerequisite: Acceptance to the Pacific Rim Studies Program.
This course will focus on the cultures-sociological, geographical, political and religious that contribute to the emergence of the present situations in the Pacific Rim countries. The students will study the historical development of a dominate culture apart from the west, the main architects of that development and the blending of this area to the world arena. The class will be assisted by lectures from area specialists in the countries visited, visual sources, primary and secondary sources, and hands-on learning via tour sites. This course is designed to take advantage of the travel opportunities afforded by your study abroad experience. This course is normally offered in the fall on the Pacific Rim study abroad program.

4900 INDEPENDENT STUDY IN GEOGRAPHY

Provides mature students an opportunity for individual research and guided readings (1-3 hours). This course is offered as needed.

GERMAN (GERM)

1113 BASIC GERMAN I

Basic principles and practice of speaking, understanding, reading and writing German and an introduction to German culture for those with no background in German. This course is designed for students participating in the European Studies program. This course is offered as needed.

1213 BASIC GERMAN II

Prerequisite: GERM-1113, one year of German in high school or the equivalent with permission of the instructor. Continuation of Basic German I, enabling the student to read, write, understand and respond in basic German and to be aware of cultural differences. This course is offered as needed.

GREEK (GREK)

1113 ELEMENTARY GREEK I

An introductory course in the elements of Koine Greek. Particular attention is given to vocabulary, declensions, and conjugations used in the New Testament. This course is normally offered in the fall semester.

1213 ELEMENTARY GREEK II

Prerequisite: GREK-1113.
A continuation of GREK-1113 with selected readings from the New Testament. This course is normally offered in the spring semester.

2113 INTERMEDIATE GREEK I

Prerequisite: GREK-1213.
Designed to give the student who has completed courses in elementary Greek essential linguistic knowledge and skill for exegetical work in the Greek New Testament. This course is normally offered in the fall semester.

2213 INTERMEDIATE GREEK II

Prerequisite: GREK-2113.
A continuation of GREK-2113 with more detailed and inductive study of New Testament Greek. This course is normally offered in the spring semester.

3113 ADVANCED GREEK READINGS I

Prerequisite: GREK-2213.
Readings from various New Testament documents with concentration on the grammatical relationships between words. This course is normally offered in the fall semester.

3213 ADVANCED GREEK READINGS II

Prerequisite: GREK-3113.
Readings from various New Testament documents, a formal exegesis, and special word studies. This course is normally offered in the spring semester.

4900 INDEPENDENT STUDY IN ADVANCED GREEK GRAMMAR

Assigned readings and reports or projects based on the needs of the individual student. Normally taken only by juniors or seniors with approval of the dean of the college (1-3 hours). This course is offered as needed.

HEBREW (HBRW)

3113 ELEMENTARY HEBREW I

An introductory course in the principles of biblical Hebrew with special emphasis on verbal forms. This course is normally offered in the fall semester.

3213 ELEMENTARY HEBREW II

Prerequisite: HBRW-3113.
A continuation of HBRW-3113. This course will include readings in Hebrew narratives and an introduction to textual criticism and Hebrew exegesis. This course is normally offered in the spring semester.

HISTORY (HIST)

1223 TURNING POINTS IN U.S. HISTORY

A survey of the major trends, conflicts and crises of American history from the age of discovery to the present. Special attention will be paid to such topics as the settlement of the United States, the American Revolution, the Age of the Common Man, the Civil War Era, the Age of Industrialization and Urbanization, American foreign policy and the Cold War, the Civil Rights Movement, the decade of the sixties and the cultural wars. This course is normally offered every semester.

2123 INTRODUCTION TO HISTORICAL RESEARCH

An introduction to research, analysis and writing, emphasizing the nature of history and historical research, research tools and procedures, critical reviewing of historical monographs, and researching and writing a short historical paper. This course is normally offered in the spring semester.

2213 HISTORY OF THE U.S. TO 1877

A survey of the social, economic and political developments in the United States from colonization through the reconstruction era. This course is normally offered every semester.

2223 HISTORY OF THE U.S. SINCE 1877

A survey of American history from the end of reconstruction to the present. This course is normally offered in the spring semester.

2313 OKLAHOMA HISTORY

A study of the exploration of Oklahoma, coming of civilized tribes, opening of Indian lands to settlement by non-Indians, statehood, constitution and government, and economic and political developments. This course is normally offered in the spring semester of even numbered years.

2513 ENGLISH HISTORY TO 1603

A survey of English history from the Roman Conquest to the death of Elizabeth I, with emphasis on the creation of the national state and its constitutional evolution. Economic and social developments and relations with other parts of the British Isles also receive attention. This course is offered as needed.

2523 ENGLISH HISTORY SINCE 1603

A survey of English history from the accession of James I to the present. In addition to the themes emphasized in the first half of this survey, the rise and the decline of the British Empire are studied. This course is offered as needed.

2613 THE MODERN MIDDLE EAST

A historical and cultural study of the modern Middle East, focusing on Islamic culture, nationalism, secularization and the challenge of Westernization. Key topics include the rise and fall of the Ottoman Empire, the establishment of Saudi Arabia, the Israeli-Palestinian conflict, the Iranian Revolution, the Persian Gulf Wars, and the rise of political terrorism. This course is normally offered in the fall semester of even numbered years.

2723 INTRODUCTION TO PUBLIC HISTORY

Introduction to theories regarding various fields of public history, the historical traditions of such fields, and the relationship between public history and the history profession. The course will introduce students to various public history fields including museum studies, archives, historic preservation, heritage tourism, media, oral history, and cultural resource management. Field trips to area museums, archival depositories, and research centers will be included. This course is normally offered in the fall semester of even numbered years.

2903 STUDIES IN EUROPEAN CIVILIZATION

A systematic study of Western civilization beginning with ancient Greece and ending with the emerging European community. Students visit major European capitals as part of the field experience on the European Studies Program. This course is normally offered in the fall semester and summer.

2923 PERSPECTIVES IN WESTERN CIVILIZATION

Prerequisite: Sophomore standing.
An examination of the political, economic, social, cultural and religious developments of Western civilization. This course is normally offered every semester.

3113 AMERICAN WESTERN FRONTIER

A historical study of the western United States from the time of Spanish settlement to the present, focusing on interactions between Europeans and native inhabitants, American western expansion, and the importance of the western American folk culture. Key topics include Spanish conquistadores and missions, the Louisiana Purchase, the Oregon Trail, the Mexican-American War, Indian Wars, and the West in popular culture. This course is normally offered in the fall semester of even numbered years.

3213 COLONIAL AMERICA-1492-1763

This course focuses on the creation and development of European colonies in the New World, especially in North America, from the European discovery of America to the end of the French and Indian War. It compares and contrasts the cultures of the major European colonial powers, those of Native Americans and Africans, and their various cross-cultural interactions. Key topics include European exploration and conquest, the everyday lives of colonists, their interactions with Native Americans, the development and spread of slavery, political and economic development, religion, and colonial wars. This course is normally offered in the spring semester of odd numbered years.

3413 AFRICAN-AMERICAN HISTORY

A study of the political, intellectual and socio-economic history of African-Americans from their African backgrounds to the present. Special emphasis is placed upon the contradictions between the treatment of African-Americans and other Americans, the development of African-American culture, leadership, and the struggle for liberty and equality. This course is normally offered in the spring semester of odd numbered years.

3563 NINETEENTH CENTURY EUROPE, 1789-1890

An examination of the social, economic and political history of Europe from 1789 to the passing of Bismarck. Special emphasis is placed upon the French and Industrial Revolutions and their long-range effects. This course is normally offered every fifth semester.

3583 TWENTIETH CENTURY EUROPE, 1890-PRESENT

A study of the twentieth century and its dramatic developments, focusing especially on the challenges to liberalism embodied in the world wars, fascism, communism and the Cold War. This course is normally offered every fifth semester.

3613 AMERICAN INTELLECTUAL HISTORY

An interdisciplinary study of American thought from the Puritans to the present, with emphasis on American exceptionalism, Calvinism, the Enlightenment, Romanticism, individualism, social Darwinism, pragmatism, anti-communism, and post-modernism. This course is normally offered in the spring semester of even numbered years.

3713 AMERICAN RELIGIOUS HISTORY

A historical study of religion in America from the point of European contact to the present, with an emphasis on religious pluralism, church-state relations, theology, and cultural accommodation. Key topics include Puritanism, the Great Awakenings, evangelicalism, Catholicism, Mormonism, the Restoration Movement, the Social Gospel, Fundamentalism, and world religions in America. This course is normally offered in the spring semester of odd numbered years.

3913 RENAISSANCE AND REFORMATION, 1300-1648

An examination of the cultural developments which appeared first in Italy and then spread to Northern Europe. The course includes a brief survey of the Protestant revolt and its political ramifications. This course is normally offered every fifth semester.

4013 REVOLUTIONARY AND EARLY NATIONAL AMERICA, 1763-1815

A study of the creation and development of the American republic from the end of the French and Indian War through the War of 1812 with an emphasis on politics and political thought, diplomacy, and religious and cultural developments. Particular attention will be paid to the emergence of American culture and nationalism, dissent and revolution, the Confederation and Constitution, the development of political parties, westward expansion, the War of 1812, and the personalities, politics and religious beliefs of the founding generation. This course is normally offered in the fall semester of odd numbered years.

4113 JACKSONIAN AMERICA-1815-1850

An examination of the political, economic, social and cultural developments of the United States from the end of the War of 1812 through the 1840s with emphasis on the rise of Jacksonian democracy, religious revivals and innovations, revolutions in transportation, communications and market economics, the emergence of American nationalism, the bases for sectionalism, and America's westward expansion. Key topics include Jacksonian politics, the Second Party System, Indian removal, manifest destiny, the Second Great Awakening, and the Mexican-American War. This course is normally offered in the spring semester of even numbered years.

4313 THE GILDED AGE AND PROGRESSIVE ERA, 1877-1914

The aftermath of reconstruction, the occupation of the trans-Mississippi West, the revolutions in communications, agriculture, and industry, and their relation to political and social developments, the tariff, movements for reform, foreign relations, and the progressive movement. This course is normally offered in the fall semester of odd numbered years.

4343 AMERICA IN THE ERA OF THE WORLD WARS, 1914-1945

Focuses on the home front during this turbulent period. Topics covered include the impact of the wars on society, the economic collapse of the nation, the transition from an agrarian society to a dominant urban culture, the revolution in thought and morals, and the growing rumblings of discontent from women and minorities. This course is normally offered in the fall semester of odd numbered years.

4353 U.S. HISTORY SINCE 1945

A study of America's political, diplomatic, social, economic, and cultural history since the end of WWII, focusing on the Cold War, McCarthyism, the expansion of civil rights, the Vietnam War, student protests, the Persian Gulf Wars, and popular culture. This course is normally offered in the spring semester of odd numbered years.

4423 HISTORY AND THEORY OF HISTORIC PRESERVATION

Survey of the various historic theories of historic preservation, and the social, cultural, and technological forces that shaped them. The course will foster a consciousness of the various historical and contemporary attitudes towards the identification and preservation of historically significant structures. This course is normally offered in the spring semester of odd numbered years.

4523 HISTORY OF ROME

A study of Rome from founding to fall, with special attention to the nature of Roman imperialism, culture, politics and the roles of Jews and Christians in the Empire. This course is normally offered every fifth semester.

4613 MEDIEVAL EUROPE, 400-1300

A detailed study of the political, economic and social history of Europe from the decline of the Roman Empire up to late Middle Ages, with special attention to key institutions which have shaped the modern world. This course is normally offered every fifth semester.

4723 CIVIL WAR AND RECONSTRUCTION

A study of the social, economic and political factors leading to the Civil War, 1860-1865, and the results of the conflict. This course is normally offered in the fall semester of even numbered years.

4733 SENIOR HISTORY SEMINAR

Prerequisites: Senior standing and grade of "C" or better in HIST-2123.
A capstone seminar giving history majors the opportunity to further develop their craft as historians and explore in depth a historical question that has interested them. Students interact with the faculty at an advanced level, produce a historical project and practice research skills in preparation for graduate school or for entry into their professions. This course is normally offered in the fall semester.

4810 SPECIAL STUDIES

Content varies. Course may be repeated. (1-3 hours) This course offered as needed.

4900 INDEPENDENT STUDY IN HISTORY

Provides mature students an opportunity for individual research and guided readings. (1-3 hours) This course offered as needed.

HONORS PROGRAM COURSES (HONR)

The prerequisite for all honors courses is admission to the Honors Program.

1010, 1020 SYMPOSIUM

Content changes each semester, but course focuses on current issues or concerns related to other courses in the program. This course is normally offered every semester. 1010 is normally offered in the fall semester and 1020 is normally offered in the spring semester.

1114 WESTERN THOUGHT AND EXPRESSION THROUGH THE RENAISSANCE

An interdisciplinary analysis of the confluent events and expressions – historical, political, religious, philosophical, artistic, scientific, and mathematical – that have shaped Western thought, values and culture through the Renaissance. In particular, the course focuses on those aspects of early Western civilization that have directly influenced our current thinking and culture. This course is normally offered in the fall semester.

1124 WESTERN THOUGHT AND EXPRESSION SINCE THE RENAISSANCE

An interdisciplinary analysis of the confluent events and expressions – historical, political, religious, philosophical, artistic, scientific, and mathematical – that have shaped Western thought, values and culture since the Renaissance. The course focuses on the rise of individualism, new scientific discoveries, and the globalization of economies and war. Topics include the effect of each of these elements on our current American cultural and political realities. This course is normally offered in the spring semester.

1214 THE BIBLE AND CLASSICAL LITERATURE

A careful study of key biblical texts and the worldview they teach juxtaposed with a study of classical texts from the ancient Greek and Roman civilizations. Students study the similarities of theme and artistic form between the two types of text and analyze the different responses they offer to our human condition and needs. This course is normally offered in the fall semester.

1224 THE BIBLE, SCIENCE AND HUMAN VALUES

A study of biblical teachings concerning the nature of human beings and order in God's universe compared and contrasted with specific discoveries and philosophies of science after the Renaissance. The course focuses on the specific ways in which the Bible and science interacted to produce many of the human values common to contemporary Western civilization. This course is normally offered spring semester. This course is normally offered in the spring semester.

2010, 2020 SYMPOSIUM

Content changes each semester, but course focuses on current issues or concerns related to other courses in the program. This course is normally offered every semester.

2113 THE QUEST FOR MEANING: CHRIST AND THE GOOD LIFE

A course based on the supposition that Jesus Christ provides the best solution to persistent puzzles of life: "Why am I here?" "What is worth doing?" "How can I live a good life?" "Where am I going?" To see Jesus' answers in context, students investigate His life and teachings and note conflicts and conjunctions between His revelation and other views of the good life which have been significant for our culture. This course is normally offered in the fall semester.

2123 THE QUEST FOR IDENTITY: RACE, CLASS AND GENDER IN AMERICAN THOUGHT

A study of American authors and texts in the nineteenth and twentieth centuries that have contributed in a significant way to our current understanding of American identity. Particular attention will be given to the conflict in our society between individualism and the community and how the conflict has influenced our current understanding of race, class and gender. This course is normally offered in the spring semester.

3111, 3121, 4111 HONORS SYMPOSIUM

An honors symposium led by experts from various disciplines on topics specific to their respective areas of study and/or research. The purpose of the symposium is to encourage honors students to think critically and broadly, to communicate effectively and to make application of the knowledge specific to their fields of study. This course is normally offered every semester.

4121 SENIOR HONORS SEMINAR

Honors research project, thesis, or extensive service project designed and completed by the honors student with the approval of the Director of the Honors Program and under the guidance of an OC faculty member. This course is normally offered every semester.

INFORMATION SYSTEMS (INFO)

3113 PRINCIPLES OF ELECTRONIC BUSINESS

A comprehensive study of the organizational needs for information and the conceptual, technological, and practical foundations of information systems in order to build an understanding of the value of information systems for business operations, management decision making, and strategic advantage. An introduction to the concepts of electronic business as facilitated by the Internet, World Wide Web, and related technologies. The topics covered include an understanding of the catalysts for e-business (business-to-

business and business-to-customer), convergence of technologies and capabilities, technological challenges, Web design, behavior and educational challenges, organizational and business barriers, and strategies for e-business. This course is normally offered every semester.

4900 INDEPENDENT STUDY IN INFORMATION SYSTEMS

Prerequisites: Junior or Senior standing and approval of the dean of the college. (1-3 hours).

Assigned readings, reports, research projects, and system development projects based on the needs of the student. A maximum of 3 hours may be counted toward the major. This course is offered as needed.

INTERNATIONAL STUDIES (INTL)

4123 INTERNATIONAL FINANCE

Prerequisite: FINC-3313

Examines all the factors affecting the determination and fluctuation of exchange rates and the forecasting of those exchange rates. Studies the principles around currency hedging to protect profits when conducting business on an international level. Also, addresses the accounting and financial principles surrounding international mergers and acquisitions and capital budgeting decisions. This course is offered as needed.

3123 INTERNATIONAL EXPERIENCE

During this course, students participate in an experience that immerses them for at least one week in the international business environment of a country or countries paying particular attention to the methods, practices and challenges of conducting business in an international environment. Course requirements include attending at pre-trip seminars and completing all course assignments after the conclusion of the travel experience. This course is offered as needed.

4413 INTERNATIONAL MANAGEMENT

International management is an analysis of cultural impacts on international management and international business. Along with information technology, international management is the major challenge facing organizations entering the new millennium. All countries and companies are now part of the super-competitive global marketplace. Emphasis is placed on the emerging role of the global manager as a cosmopolitan, communicator, negotiator, creator of synergy, and change leader. Seven major world regions – North America, Latin America, Asia, Europe, Middle East, India, and Africa – are discussed for matters of cultural specifics. This course will provide a balanced approach to International Management by discussing international environment, culture, strategy and functions and organizational behavior, and human resource management. (Same as MGMT-4413.) This course is normally offered in the fall semester.

4513 INTERNATIONAL ECONOMICS

Basic Japanese II develops the language and writing skills students have begun in Basic Japanese I. The course requires students to increase their levels of understanding of Japanese, both oral and written.

This course provides an overview of the international trade theory and global economic development. It addresses the fundamentals of international markets, investment, and the institutions of international trade, including the IMF, World Bank, and the World Trade Organization. This course is offered as needed.

4723 GLOBAL MARKETING

This course discusses the marketing of goods, services, and ideas in the context of a multinational environment. (Same as MKTG-4723.) This course is normally offered in the spring semester.

4813 INTERNATIONAL CONSULTING AND DEVELOPMENT

A study and application of the international consulting process as applied to solving business and development problems in developing nations. Students are introduced to the various ways consulting can aid systems in mobilizing internal and external resources to deal with social, governmental, and business needs and change efforts. Each student will work individually or in a team to address a specific, real-world problem or change effort currently underway in a variety of international settings. Classroom work will focus on learning organizational development skills, systems diagnosis, and intervention techniques. This course is offered as needed.

JAPANESE COURSES (JAPN)

1113 BASIC JAPANESE I

A study of beginning Japanese, enabling the student to understand, respond, read and write basic Japanese. This course is designed for students participating in the Pacific Rim program. This course is offered as needed.

1213 BASIC JAPANESE II

Prerequisite: JAPN-1113.

Basic Japanese II develops the language and writing skills students have begun in Basic Japanese I. The course requires students to increase their levels of understanding of Japanese, both oral and written.

MANAGEMENT (MGMT)

3113 PRINCIPLES OF MANAGEMENT

Prerequisite: sophomore standing or instructor approval.

An introduction to the management processes of planning, organizing, leading and controlling. The theory and history of management, decision making, policy planning, organization planning, supervising, coordinating and controlling and human resources management are studied. This course is normally offered every semester.

3213 OPERATIONS MANAGEMENT

Prerequisites: MGMT-3113, MATH-1413, MATH-2913.

A study of the production operations function in business including the creation of both goods and services. Attention is given to the design, location and operation of the productive system and its interrelationship with other systems in the organization. The course places special emphasis on the use of quantitative technique in decision making. This course is normally offered every semester.

3323 ENTREPRENEURSHIP AND SMALL BUSINESS MANAGEMENT

Prerequisite: Junior or Senior standing or permission of instructor.

An introduction and examination of entrepreneurial, small business, self-employment opportunities, and new venture processes. The course covers managerial activities needed for start-up and operation of the small business enterprise. This course is normally offered in the fall semester.

3533 ISSUES IN MANAGEMENT

Prerequisite: MGMT-3113.

This course covers a selection of current issues and specialized topics in management. The course is updated each year to ensure relevant topics are considered and explored. This course is normally offered in the spring semester.

4313 ORGANIZATIONAL BEHAVIOR

Prerequisite: PSYC-1113.

An integration of social sciences as they affect people at work. The organization is analyzed from the standpoint of three interacting systems: the individual, the group, and the organization itself. Emphasis is placed on managing organizational behavior. (Same as PSYC-4313 or SOCI-4313.) This course is normally offered in the spring semester.

4413 INTERNATIONAL MANAGEMENT

International management is an analysis of cultural impacts on International management and International business. Along with information technology, international management is the major challenge facing organizations entering the new millennium. All countries and companies are now part of the super competitive global marketplace. Emphasis is placed on the emerging role of the global manager as a cosmopolitan, communicator, negotiator, creator of synergy, and change leader. Seven major world regions – North America, Latin America, Asia, Europe, Middle East, India, and Africa – are discussed for matters of cultural specifics. This course will provide a balanced approach to International Management by discussing international environment, culture, strategy and functions and organizational behavior and human resource management. (Same as INTL-4413.) This course is normally offered in the fall semester.

4513 HUMAN RESOURCE MANAGEMENT

Prerequisites: MATH-2913 and MGMT-3113.

A study of the major human resource management processes including staffing, training and development, appraisal, compensation, leadership, organizational justice, labor relations, quality of work life and employee health and safety. The course focuses on contemporary human resource management issues. This course is normally offered in the fall semester.

4613 STRATEGIC MANAGEMENT

Prerequisites: To be taken in last semester of senior year.

A capstone seminar that draws together the concepts and tools studied in previous business courses. The course uses the case method of instruction and a computer-based simulation, and it affords practice in analyzing authentic managerial problems in free enterprise from the varying viewpoints of diverse disciplines and practice in forming workable solutions which consider both technical and human factors. The course gives particular attention to the standards of conduct appropriate for Christian leaders. This course is normally offered every semester and summer.

4900 INDEPENDENT STUDY IN MANAGEMENT

Prerequisites: Junior or Senior standing and approval of the chair of the college. (1-3 hours). A maximum of 3 hours may be counted toward major. Assigned readings, reports and research projects based on the needs of the individual student. This course is offered as needed.

4990 INTERNSHIP IN MANAGEMENT

Prerequisites: admission to School of Business Administration upper division, completion of MGMT-3113 and approval of advisor and chair.

Supervised and approved management internship with firm or organization; written and oral reports are required along with employer evaluation. (Variable credit, 1-3 semester hours; 50 hours work required for each hour of credit with a maximum of 3 credit hours.) This course is offered as needed.

MARKETING (MKTG)

3313 PRINCIPLES OF MARKETING

Prerequisite: Junior standing or instructor approval.

An introduction to the fundamentals of marketing. Product distribution, promotion, and price are studied with emphasis on the marketing aspects of managerial decision making in a dynamic society. This course is normally offered every semester.

3413 CONSUMER BEHAVIOR

Prerequisites: MKTG-3313, PSYC-1113 or SOCI-1113, and Junior standing.

The study of consumer motivations and values in the light of social and psychological theory. This background provides standards of the social and human evaluation of marketing activities, with emphasis on consumer motivation and consumer psychological makeup. The course develops the relationship between social and psychological factors in marketing activities. This course is normally offered in the spring semester.

3513 ELECTRONIC COMMERCE AND ONLINE MARKETING

Prerequisite: MKTG-3313 or instructor approval.

An in-depth study of the structure of online markets, online buyer behavior, business to business online, virtual product offerings, web-based promotion, logistics and fulfillment, and web-based pricing. Students are required to create a web-based business, design their own web page, and market a product online. This course is normally offered in summer.

3713 SALES MANAGEMENT AND THE SALES PROCESS

Prerequisite: Junior standing.

An in-depth look at the process of selling all types of products and services and at the process of managing a sales territory. A combination of lecture, class discussion, and student presentations will be utilized. This course is normally offered in the spring semester.

4313 PROMOTIONAL STRATEGIES

Prerequisite: MKTG-3313, junior standing, or instructor approval. An introduction to the various communication channels available for the spread of promotional information about goods, services and ideas to prospects. The course gives special attention to behavioral considerations and places particular emphasis upon the duties of marketing managers in planning, implementing, and controlling a program of promotional communication. This course is normally offered in the spring semester.

4513 MARKETING RESEARCH

Prerequisites: MATH-2913, MKTG-3313, and Junior standing.

The study of marketing research theory and technique with special emphasis on the use of the scientific method. The course seeks to develop the student's analytical ability, to familiarize the student with the basic marketing research tools, and to develop the student's proficiency in the art of writing research reports. This course is normally offered in the fall semester.

4613 MARKETING MANAGEMENT

Prerequisite: Senior standing.

A study of managerial aspects of the marketing function, emphasizing the qualitative criteria utilized in evaluating marketing alternatives. The course includes topics related to the decision-making process such as marketing research, product development, advertising and promotion, sales management, cost and demand analysis, competition, pricing, packaging, and forecasting. This course is normally offered in the spring semester.

4723 GLOBAL MARKETING

This course discusses the marketing of goods, services, and ideas in the context of a multinational environment. (Same as INTL-4723.) This course is normally offered in the spring semester.

4900 INDEPENDENT STUDY IN MARKETING

Prerequisites: Junior or Senior standing and approval of the chair of the school.

Assigned readings, reports, and research projects based on the needs of the student. (1-3 hours). A maximum of 3 hours may be counted toward major. This course is offered as needed.

4990 INTERNSHIP IN MARKETING

Prerequisites: Admission to upper division, completion of MKTG-3313 and approval of advisor and chair.

Supervised marketing internship with approved firm or organization; written and oral reports are required. (Variable credit, 1-3 semester hours; 50 hours work required for each hour of credit with a maximum of 3 credit hours.) This course is offered as needed.

MATHEMATICS (MATH)

1143 ELEMENTS OF MATHEMATICS I

Prerequisite: SDEV-0103 or a math ACT score of 23 or higher. Designed to give the liberal arts student a comprehensive overview of the applications of mathematics in today's society with an emphasis on problem-solving skills. Special attention will be given to the role of mathematics. Topics will include set theory, logic, probability, systems of numeration, and number theory. This course is normally offered every semester.

1153 ELEMENTS OF MATHEMATICS II

Prerequisite: SDEV-0103 or a math ACT score of 23 or higher.
Topics include algebra, systems of linear equations, geometry, problem solving and consumer mathematics. This course is normally offered every semester.

1213 COLLEGE ALGEBRA

Prerequisite: SDEV-0103 or a math ACT score of 23 or higher. A study of basic algebraic operations. Includes the solution and graphing of linear equations, quadratic equations, polynomials, inequalities, logarithms, and exponential functions. Other topics include sequences, series, binomial theorem, systems of equations and matrices. This course is normally offered every semester.

1523 TRIGONOMETRY

Prerequisite: SDEV-0103 or a math ACT score of 23 or higher. A study of trigonometric equations, their graphs, and inverses. Other topics include trigonometric identities, trigonometric equations, radian degree measure, and the polar coordinate system. This course is normally offered every semester.

1623 INTRODUCTION TO DISCRETE MATHEMATICS

Prerequisite: MATH-1213, MATH-1413, MATH-1522, or MATH-2114.
Topics include sets and set relations, functions, proof techniques, logic, logic functions, logic circuits, counting techniques, and graph theory. This course is normally offered every semester.

2113 APPLIED CALCULUS

Prerequisite: MATH-1213.
Analytic geometry, limits, derivatives and integrals involving algebraic, exponential and logarithmic functions. Applications are primarily related to the areas of business and social sciences. This course is normally offered in the fall semester.

2114 CALCULUS I WITH ANALYTICAL GEOMETRY

Prerequisites: MATH-1213 and MATH-1522 or the equivalent.
Differentiations and integrations of algebraic and transcendental functions, applications and analytical geometry. This course is normally offered every semester.

2214 CALCULUS II WITH ANALYTICAL GEOMETRY

Prerequisite: MATH-2114.
Differentiations and integrations of inverse trigonometric functions, logarithmic functions, and exponential functions. Topics include formal integration techniques, polar coordinates, conic sections, sequences and series. This course is normally offered every semester.

2314 CALCULUS III

Prerequisite: MATH-2214.
The calculus of functions of several variables, partial differentiation, multiple integrals, vectors and vector functions. This course is normally offered every semester.

2913 STATISTICAL METHODS

Prerequisite: MATH-1213 or the equivalent.
Basic experimental statistics, basic probability distributions, methods of estimations, tests of significance, sampling techniques, inferences concerning population parameters, regression and correlation. This course is normally offered every semester.

3013 DIFFERENTIAL EQUATIONS

Prerequisite: MATH-2214.
First order and simple higher-order differential equations, linear equations with constant coefficients, simultaneous differential equations, series solutions and applications. This course is normally offered every semester.

3113 NUMBER THEORY

Prerequisite: MATH-2214.
Divisibility, primes, congruencies, functions of number theory, Diophantine equations, Farey fractions and other related topics. This course is normally offered in the spring semester of even numbered years.

3123 MATHEMATICAL MODELING AND STRATEGIES FOR SECONDARY TEACHERS

Prerequisites: MATH-2214 and permission of instructor.
Designed for secondary mathematics teachers to provide experiences that develop significant connections among mathematical ideas and applications of these ideas to problem solving in mathematics. The course includes opportunities for the prospective mathematics teacher to reflect critically on teaching practices and curriculum and to use a variety of tools of technology and manipulatives to create environments to help students learn. This course also includes a survey of the historical development of mathematical systems, including those contributions of underrepresented groups and diverse cultures. This course is normally offered in the fall semester of even numbered years.

3313 MODERN ALGEBRA I

Prerequisite: MATH-2214.
An introduction to modern algebra. Topics include concepts from set theory, number systems, groups, rings, and fields. This course is normally offered in the fall semester of even numbered years.

3413 MODERN ALGEBRA II

Prerequisite: MATH-3313.
A continuation of Modern Algebra I, including vector spaces, polynomial rings, and ideals. This course is normally offered in the spring semester of odd numbered years.

3513 LINEAR ALGEBRA

Prerequisite: MATH-2214.
Matrix theory, quadratic forms, determinants, linear transformations, systems of equations, eigenvalues and eigenvectors. This course is normally offered in the fall semester.

3623 INTRO TO ANALYSIS

Prerequisite: MATH-2214
A rigorous approach to the usual topics encountered in Calculus I, II, & III such as limits, continuity, differentiation, integration, and infinite series. The course is intended to prepare the student for more advanced analysis courses such as Advanced Calculus, Introduction to Real Analysis, or Introduction to Complex Analysis usually encountered at the first year graduate level. The construction of mathematical proofs will be emphasized. This course is normally offered in the fall semester of odd numbered years.

3813 MODERN GEOMETRY

Prerequisite: MATH-2214.
Advanced Euclidean geometry, axiomatic geometries, non-Euclidean geometry, and graph theory. This course is normally offered in the spring semester of odd numbered years.

4113 PROBABILITY AND STATISTICS I

Prerequisite: MATH-2314.
Simple probability models, random variables, distribution functions and discrete and continuous distributions. This course is normally offered in the fall semester of odd numbered years.

4213 PROBABILITY AND STATISTICS II

Prerequisite: MATH-4113.
Sampling, presentation of data, testing statistical hypotheses, estimating and testing variability and comparisons of populations. This course is normally offered in the spring semester of even numbered years.

4313 COMPLEX VARIABLES

Prerequisites: Any two math courses numbered 3000 or above.
Complex numbers, analytic functions, integration series, contour integration, analytic continuation and multi-valued problems, conformal mappings, boundary value problems, and integral transforms. This course is normally offered in the fall semester of even numbered years.

4513 POINT SET TOPOLOGY

Prerequisites: Any two math courses numbered 3000 or above.
Theory of point sets and abstract spaces with applications to analysis. This course is offered as needed.

4811 SEMINAR IN MATHEMATICS

Prerequisite: Senior standing.
A seminar uniting the varied elements of the mathematics major. A written and oral presentation covering a current research topic in mathematics is required. This course is normally offered in the spring semester.

4900 INDEPENDENT STUDY IN MATHEMATICS

Prerequisite: Juniors or seniors with approval of the instructor and of the departmental chair.
Assigned research, readings and reports based on the needs of the individual student. 1-3 hours. This course is offered as needed.

MECHANICAL ENGINEERING (MECH)**3443 FLUID MECHANICS**

Prerequisite: ENGR-2433.
Corequisite: MATH-3013.
A study of fluid statics and dynamics. Application of mass, energy and momentum conservation principles to design and analysis of fluid devices and systems, including introductions to boundary layer theory, dimensional analysis and compressible flow. Lecture – 3 hours. This course is normally offered in the spring semester.

3453 THERMODYNAMICS II

Prerequisites: ENGR-2433.
Corequisite: CHEM-1314. A continuation of thermodynamics topics such as: unsteady processes, advanced cycles, gas mixtures, psychrometrics, chemical and phase equilibrium, combustion analysis, thermodynamic property relations and compressible flow. Lecture – 3 hours. This course is normally offered in the fall semester.

3613 ENGINEERING MATERIALS AND MANUFACTURING PROCESSES

Prerequisites: ENGR-2533.
Corequisite: CHEM-1314.

An introduction to engineering materials and manufacturing processes. Emphasis on material selection and design for manufacture. Includes engineering design. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

3813 MECHATRONICS

Prerequisite: ENGR-2623.

Common applications of diodes and transistors plus concepts and applications of digital systems, including micro-processor based systems. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

4123 MACHINE DYNAMICS

Prerequisite: MATH-3013 and ENGR-2523.

A study of kinematics and dynamics of machines and machine parts. Analysis of the kinematics of planar linkages, dynamics of cam mechanisms, gear trains, governors, flywheels, and gyroscopes. Lecture – 3 hours. This course is normally offered in the fall semester.

4133 DYNAMIC SYSTEMS AND CONTROLS

Prerequisites: ENGR-2523 and ENGR-2623.

Mathematical modeling for dynamic response of electrical, mechanical, fluid and thermal systems. Introduction to control systems. System response characteristics are investigated by use of state variable theory, time domain and frequency response analysis, root locus and Nyquist stability criteria. Design of mechanical engineering control systems. Lecture – 3 hours. This course is normally offered in the spring semester.

4213 MACHINE DESIGN

Prerequisite: ENGR-2533.

Analysis of machine components, stress analysis, failure prediction, fatigue failure, safety, and reliability. Lecture – 3 hours. This course is normally offered in the spring semester.

4233 HEATING, VENTILATING AND AIR CONDITIONING

Prerequisites: MECH-3443.

An introduction to analysis and design methods used in HVAC equipment and systems. Emphasis on comfort, safety, economy, and energy conservation in load calculations, room air distribution, piping and duct design, and equipment selection. Lecture – 3 hours. This course is normally offered in the fall semester.

4243 HEAT TRANSFER

Prerequisite: MECH-3443.

Analysis of heat transfer devices and systems. Analytical and numerical solutions of conservation equations including conduction, convection and radiation effects. Design and analysis of heat exchangers. Lecture – 3 hours. This course is normally offered in the fall semester.

4311 THERMAL-FLUIDS LAB

Prerequisites: ENGR-3311 and MECH-4243.

Application of experimental methods for pressure, temperature and flow measurement to thermodynamic systems, fluid power devices, heat exchangers and aerodynamic surfaces. Data collection, analysis and interpretation of results with emphasis on report writing. Laboratory – 3 hours. This course is normally offered in the spring semester.

4513 ADVANCED MECHANICS OF MATERIALS

Prerequisite: MECH-3613.

Stress, strain and torsion analysis; deflections of statically indeterminate structural systems and failure analysis; design criteria. Three-dimensional and unsymmetrical stress analysis, finite element methods and buckling. Lecture – 3 hours. This course is normally offered in the spring semester.

4523 FINITE ELEMENT ANALYSIS

Prerequisite: MATH-3013 and MECH-3613.

An introduction to the mathematical foundation of the finite element method and the responsible application of the technique to mechanical design and analysis. The mathematical element formulations for simple truss, beam, and conduction problems, as well as the use of commercial finite element software will be addressed. This course is normally offered in the fall semester.

4533 VIBRATION THEORY AND APPLICATION

Prerequisites: MATH-3013 and ENGR-2523.

Free and forced vibrations of multiple degree of freedom mechanical and structural systems with various types of damping. Theory of vibration isolation, design of vibration absorbers, harmonic and nonharmonic disturbances and shock spectrums. Theory of vibration measuring instruments. Introduction to dynamic finite element methods. Lecture – 3 hours. This course is normally offered in the spring semester.

4613 TOOLS AND MANAGEMENT OF QUALITY

Prerequisite: MECH-3023.

An introduction to the mathematical foundation of the finite element method and the responsible application of the technique to mechanical design and analysis. The mathematical element formulations for simple truss, beam, and conduction problems, as well as the use of commercial finite element software will be addressed. This course is normally offered in the spring semester.

4732 SYSTEMS DESIGN I

Prerequisites: Advisor permission.

A recap and extension of problem-solving skills introduced in earlier courses using a systems design approach; to prepare the student for the capstone design project work of MECH-4742 and MECH-4752; topics to include engineering design terminology, methodology and procedures; technical memos and reports; safety, ethics, information gathering and team dynamics. Significant emphasis on oral presentations is included. Laboratory – 3 hours. (Same as ELEC-4732 and CENG-4732.) This course is normally offered in the spring semester.

4743 SYSTEMS DESIGN II

Prerequisites: Advisor permission and MECH-4732.

An implementation of the design methodology covered in Systems Design I. Applications of research and design relating to real world or industry problems; interaction with other fields of engineering and science. MECH-4742 and MECH-4752 constitute a single two-semester project experience. Laboratory – 6 hours. (Same as ELEC-4743 and CENG-4743.) This course is normally offered every semester.

4753 SYSTEMS DESIGN III

Prerequisites: Advisor permission and MECH-4743.

A continuation and completion of the capstone design project begun in MECH-4742. Students not successfully completing the entire project must normally retake MECH-4742/4752 with a new project assignment. Laboratory – 6 hours. (Same as ELEC-4753 and CENG-4753.) This course is normally offered every semester.

4820 INTERNSHIP FOR ENGINEERING PRACTICE

The engineering programs encourage all students to participate in at least one summer of engineering internship work. The engineering internship experience is very important to providing real-world application of the classroom experience and also has become an expectation by employers of engineers internationally. This course allows international students in F-1 status majoring in engineering at OC to participate in Curricular Practical Training. Enrollment in this course will be under the supervision of an individual engineering professor. A journal or summary paper of the internship experience will be required at the conclusion of the employment period. 1 to 3 credit hours. This course is offered as needed.

MEDICAL TECHNOLOGY (MEDT)

Prerequisite for all medical technology courses: Admission to clinical training. Courses are taught off campus at clinical sites. Check the catalog of the cooperative university for semesters when courses are offered.

4117 CLINICAL MICROBIOLOGY

The theory and laboratory study of pathogenic bacteria, viruses, rickettsiae, fungi and parasites. Isolation, identification, antimicrobials susceptibility testing and medical significance.

4125 CLINICAL CHEMISTRY I

The theory and laboratory methodology of analytical biochemistry, clinical microscopy, routine, and special procedures and medical significance.

4236 CLINICAL HEMATOLOGY

Systematized study of disease, cell maturation and function, principles of hemostasis, methodology used in routine and special hematology studies and correlation of hematological findings with physiological conditions.

4246 CLINICAL IMMUNOLOGY

The theory of immunologic responses and procedures used in serological determinations; the study of immunohematology, fundamentals of antigen-antibody reactions, blood groups and types, compatibility testing, blood components, and the laboratory methods used as they relate to the medical significance of immunohematology; immunology and infectious diseases.

4325 CLINICAL CHEMISTRY II

The theory and laboratory methodology of analytical biochemistry, instrumentation, laboratory mathematics, routine and special procedures, and medical significance.

4351 TOPICS IN MEDICAL TECHNOLOGY

Principles and practices of the medical laboratory including basic management, quality assurances, special education methodology, computer applications, laboratory safety, and special projects in selected areas.

MISSIONS (MISS)

3013 MISSION PREPARATION

A course taught by one who has served as a missionary. The following subjects are treated: the New Testament concept of missions and missions today; a description of the work of a missionary; doctrinal preparation for the mission field; emotional preparation; spiritual preparation; preparing the supporting home church; communicating with the home church; effective missionary methods for various fields; maintaining physical, mental, emotional, social, and spiritual health in the mission field. Non-textual. This course is normally offered in the spring semester of odd numbered years.

3033 BIBLICAL MISSIONS METHODS

A study of the biblical basis for world evangelism as depicted in the Book of Acts and in the New Testament Epistles. A comparison is made between the world of biblical times and the contemporary world, and a study is made of various mission fields and methods currently used, such as in the domestic church planting movement. The practicality of New Testament principles and methods is stressed. Non-textual. This course is normally offered in the fall semester of odd numbered years.

3113 WOMEN IN MISSIONS

A study of the unique opportunities, challenges and difficulties which single and married women face on the mission field. Non-textual. This course is normally offered in the fall semester.

3143 INTRODUCTION TO ASIAN CIVILIZATIONS

Prerequisite: Junior standing

Introduces the major cultural themes of East, Southeast, and South Asia. Students will learn about the geographical, social, political, economic, cultural and religious features of the three major regions of Asia. Fulfills the core curriculum non-Western civilization requirement. (Same as SOCI-3143.) Non-textual. This course is offered as needed.

3153 URBAN MINISTRY

An examination of diverse aspects of ministry within urban contexts both in the United States and abroad. Topical areas covered include cities in the Bible, principles of urban evangelism and missions, urban church growth, and ministry in contexts of ethnic, racial, and socioeconomic diversity. Non-textual. This course is normally offered in the spring semester of even numbered years.

3213 CHURCH GROWTH

A study of the dynamics involved in planting, sustaining, and reproducing growing churches. Emphasis is given to various factors that affect quantitative, qualitative, and organic church growth. (Same as BIBL-3153.) Non-textual. This course is normally offered in the fall semester of even numbered years.

3313 CROSS-CULTURAL MINISTRY

A practical study of the challenges involved in ministering to people of different cultural backgrounds in a variety of contexts: not only domestic and foreign mission work, but also short-term projects such as mission trips, study abroad programs, missionary internship and apprentice programs, and work with international students or immigrants here in the United States. Non-textual. This course is normally offered in the spring semester of even numbered years.

3513 WORLD RELIGIONS

Prerequisite: Junior standing

A comparative study of the beliefs and practices, as well as the historical and sociological impact, of several of the world's principal religious traditions. These include indigenous traditions, Judaism, Islam, Hinduism, Buddhism, Taoism, Confucianism, and Shinto. Fulfills the core curriculum non-Western civilization requirement. (Same as SOCI-3513.) Non-textual. This course is normally offered every semester.

3613 CULTURAL ANTHROPOLOGY

An introduction to the concept and practice of cultural analysis with an emphasis on enhancing students' cultural intelligence in regard to cultural differences, ethnocentrism and cultural change. Significant attention is devoted to the anthropology of religion. Fulfills the core curriculum non-Western civilization requirement. (Same as SOCI-3613.) Non-textual. This course is normally offered in the spring semester of odd numbered years.

3673 NEW RELIGIOUS MOVEMENTS

A study of explicitly religious teachings and practices in a wide variety of new religious movements, as well as quasi-religious teachings and practices in such areas as alternative medicine, the environment, self-help and psychotherapy, and the New Age movement. Fulfills the core curriculum non-Western civilization requirement. (Same as BIBL-3673.) Non-textual. This course is normally offered as needed.

4113 THE LOCAL CHURCH AND MISSIONS

A survey of the responsibility of the local church in world evangelism with suggestions concerning how to lead the local church to accept and carry out its missionary work. Non-textual. This course is normally offered in the spring semester of even numbered years.

4313 MISSIONS IN THE CONTEMPORARY WORLD

A study of the impact of various issues upon mission work as it is actually being carried out today around the world, taught by a visiting missionary. Content varies according to the particular field experience of the instructor. Non-textual. This course is normally offered as needed.

4633 INTERCULTURAL COMMUNICATION I

Prerequisite: ENGL-2113.

A survey of the basic concepts of how people communicate effectively across cultural boundaries, with special attention given to the complex nature culture plays in communication. ENGL-4633 fosters in students an understanding and appreciation of their own culture and cultural patterns of communication and those of other cultures. (Same as COMM-4633, ENGL-4633 and SOCI-4633.) Non-textual. This course is normally offered in the spring semester of odd numbered years.

4643 INTERCULTURAL COMMUNICATION II

Prerequisite: ENGL-1213 or 2113.

A continuation of MISS-4633, typically taught while a student is living in a foreign culture. (Same as ENGL-4643 and SOCI-4643.) Non-textual. This course is offered as needed.

4714 MISSIONS PRACTICUM

On-site supervised ministry experience in a missions situation, either foreign or domestic, by invitation and with a faculty supervisor. The course includes readings, a journal, and a thorough evaluation by the field supervisor. Non-textual. This course is offered as needed.

4813 MISSIONS EXPERIENCE

Supervised experience on a mission field, either foreign or domestic, of 6-8 weeks duration. Does not count for core curriculum Bible. Non-textual. This course is offered as needed.

4820 SPECIAL STUDIES IN MISSIONS

Content varies. Course may be repeated. (2-3 hours) This course is offered as needed.

4900 INDEPENDENT STUDY IN MISSIONS

Assigned readings, reports or projects based on the needs of the individual student. Normally taken only by juniors or seniors with approval of the dean of the college. (2-3 hours) This course is offered as needed.

MUSIC (MUSC)

1000 RECITAL ATTENDANCE

Regular attendance at on and off campus musical performances. Required each semester for music majors. This course is normally offered every semester.

Note: See "Special Requirements for all Music Majors" on page 92.

1023 FUNDAMENTALS OF MUSIC THEORY

Includes notation and drills in keys, scales, intervals, triads, and score reading, and emphasizes basic skills in sight-reading rhythm and pitch in bass and treble clefs. The course is not applicable for credit in major, but is required if the student is unable to pass minimum requirements for admission to MUSC-1112 (which follows in the music theory sequence). This course is normally offered in the fall semester.

1112 MUSIC THEORY I

Prerequisite: MUSC-1023, if student is unable to meet minimum entrance requirements. Chord connection, four-part writing, cadences, dictation and sight singing of intervals, scales and melodies, rhythms, broken chords and keyboard application. Class – 3 hours. This course is normally offered in the spring semester.

MUSIC THEORY SEQUENCE II

The two courses below cover secondary diatonic chords, non-harmonic tones, dominant sevenths, simple modulation, dictation and sight singing of more difficult melodies, intervals, scales, and rhythms, cadences, etc. Concurrent enrollment in both is required except with permission of the department chair. Offered in the fall semester.

1211 EAR TRAINING II

Class – 2 hours. This course is normally offered in the fall semester.

1212 MUSIC THEORY II

Class – 2 hours. This course is normally offered in the fall semester.

1301 VOCAL ENSEMBLE

A student may register for credit in an ensemble in which he or she performs if the group is sufficiently active to justify the credit. Permission of instructor required. This course is offered as needed.

1311 UNIVERSITY CHORALE

The OC Chorale offers opportunities for experience in choral singing. A wide range of both sacred and secular choral literature is studied with numerous performances scheduled. Participation of members in all scheduled rehearsals and performances is required. Membership by audition. Rehearsal – 4 hours. This course is normally offered every semester.

1321 MUSIC PRODUCTION WORKSHOP

Prerequisite: Permission of instructor required.

Requires at least 60 hours in rehearsal and performance on stage in a faculty-directed campus musical production. This course is normally offered every semester.

1331 SYMPHONIC BAND

The OC Symphonic Band performs for campus functions, in concert and on tour. Participation of all members in scheduled rehearsals and performances is required. Membership by audition. Rehearsal – 4 hours. This course is normally offered every semester.

1341 JAZZ ENSEMBLE

Prerequisite: participation in Symphonic Band or instructor permission.

Large ensemble jazz music is the emphasis of this group. Performs for campus and civic

functions in concert and on tour. Membership by audition. Rehearsal – 3 hours. This course is normally offered every semester.

1351 INSTRUMENTAL ENSEMBLE

Prerequisite: Permission of instructor required.

A student may register for credit in an ensemble in which he or she performs if the group is sufficiently active to justify the credit. This might include such groups as brass choir or OC's Sweat Band, a group performing at home basketball games in the "Eagles' Nest." This course is normally offered every semester.

1361 ORCHESTRA

Credit for orchestra is available to OC students through participation in the Oklahoma Community Orchestra, the university's official orchestra-in-residence. Permission required. Rehearsal – 2.5 hours. This course is normally offered every semester.

1381 OPERA STUDIO

Prerequisite: permission of instructor required.

Requires at least 60 hours in rehearsal and performance on stage in a faculty-directed campus opera production. Offered spring semester. This course is offered as needed.

1391 CHAMBER SINGERS

Prerequisite: participation in University Chorale or instructor permission.

The study and performance of significant choral works from all periods of musical style. Membership by audition. Rehearsal – 3 hours. This course is normally offered every semester.

1451 UNIVERSITY CHAMBER ORCHESTRA

The OC chamber orchestra studies chamber music of varied musical styles and performs concerts for university and civic programs. Sight-reading skills also are emphasized. Membership by permission. Rehearsal – 2.5 hours per week. This course is normally offered every semester.

PRIVATE INSTRUCTION

Students may register for private instruction in piano, voice or any of the instruments listed, composition or improvisation. Piano students will audition for placement in Class Piano or private instruction. Students registering for one hour credit (such as 1501) receive one half-hour lesson per week. Those registering for two hours credit (such as 1502) receive one one-hour lesson per week. There is a fee of \$225 per credit hour for all private instruction classes. Some private lessons additionally require payment of accompanist fees at \$20 per hour. Students should check with the private instructor to determine specific accompanist expectations.

1501, 1502 PIANO

Prerequisite: MUSC-2581 or instructor permission.

This course is normally offered every semester.

1511, 1512 VOICE

This course is normally offered every semester.

1531, 1532 BRASS INSTRUMENT

This course is normally offered every semester.

1541, 1542 WOODWIND INSTRUMENT

This course is normally offered every semester.

1551, 1552 PERCUSSION INSTRUMENT

This course is normally offered every semester.

1561, 1562 STRING INSTRUMENT

This course is normally offered every semester.

1571, 1572 GUITAR

This course is normally offered every semester.

1581 CLASS PIANO I

An introduction to piano playing for the student with little or no prior keyboard experience. Instruction will stress understanding notation of pitch and rhythm; playing with appropriate fingering, articulation and dynamics; gaining technical facility and coordination between hands; playing pieces in major and minor five-finger patterns; and playing melodies with triad accompaniments. Some selections will be memorized. Class meets 2 hours per week. This course is normally offered every semester.

1612 APPLIED COMPOSITION

Prerequisite: Permission of the music department chair.

This course is normally offered every semester.

1671 CLASS GUITAR

An introduction to guitar playing for the beginning student. Instruction will focus on playing fundamental chords, scales, and strumming techniques, and on the introduction of tablature, standard notation, and harmonics. Class meets 1 hour per week. (Does not fulfill the requirement for music education majors.) This course is normally offered every semester.

1681 CLASS PIANO II

Prerequisite: Grade of B or better in Class Piano I, or audition for piano faculty.

Continuation of skills presented in Class Piano I or previous keyboard experience. Students will sight read and play ensemble and solo repertoire of various styles and technical studies in major and minor keys. Basic skills emphasized include 2-octave major and minor scales; major, all types of triads in progressions, inversions, and arpeggios; harmonizing melodies, using diatonic and second chords appropriately; and using the damper pedal. Classes normally limited to eight students. Class meets 2 hours per week. This course is normally offered every semester.

1691 APPLIED IMPROVISATION

Prerequisite: Permission of the music department chair.

This course is normally offered every semester.

MUSIC THEORY SEQUENCE III

The two courses below cover modulation to closely related keys, altered chords and higher discords, original melodies and harmonizations, and ear training. Concurrent enrollment in both is required except with permission of the department chair. This course is normally offered in the spring semester.

2111 EAR TRAINING III

Class – 2 hours. This course is normally offered in the spring semester.

2112 MUSIC THEORY III

Class – 2 hours. This course is normally offered in the spring semester.

MUSIC THEORY SEQUENCE IV

The two courses below cover a continuation of altered chords, augmented sixths, secondary diminished sevenths, remote and enharmonic modulations, aural study of remote modulations, unusual and mixed meters, and altered chords. Concurrent enrollment in both is required except with permission of the department chair. This course is normally offered in the fall semester.

2211 EAR TRAINING IV

Class – 2 hours. This course is normally offered in the fall semester.

2212 MUSIC THEORY IV

Class – 2 hours. This course is normally offered in the fall semester.

2512 DICTION I: ENGLISH AND ITALIAN

Prerequisite: For vocal majors and minors; others by permission.

A study of the International Phonetic Alphabet as it pertains to the singing of English and Italian song and opera literature. Offered spring semester odd years. This course is normally offered in the spring semester of odd numbered years.

2522 DICTION II: FRENCH AND GERMAN

Prerequisite: For vocal majors and minors; others by permission.

A study of the International Phonetic Alphabet as it pertains to the singing of German and French song and opera literature. Offered fall semester odd years. This course is normally offered in the fall semester of odd numbered years.

2581 CLASS PIANO III

Prerequisite: Grade of B or better in Class Piano II, or audition for piano faculty.

Continues functional piano skills from Class Piano II or previous keyboard experience. The primary focus is learning to play intermediate repertoire from various historical periods of music with appropriate style and fluency. Assignments provide opportunity to develop skills in sight reading, playing I-IV-I-V-I progressions in all keys and positions, playing 2-octave scales in all keys, harmonizing and transposing melodies using diatonic triads, seventh chords, and secondary chords. The final exam for Class Piano III includes the opportunity to pass the repertoire section of the Piano Proficiency Exam, which is a graduation requirement for OC music majors. Classes normally limited to eight students. Class meets 2 hours per week. This course is normally offered in the fall semester.

2681 CLASS PIANO IV

Prerequisite: Grade of B or better in Class Piano III, or audition for piano faculty.

This is the capstone course in the pursuit of functional piano skills for music majors. Assignments continue to develop technical skill in playing scales, chord progressions, modulations, and ensemble repertoire. Emphasis is placed on harmonizing and improvising accompaniments in various styles, score reading, and accompanying instrumentalists and vocalists fluently. The final exam includes the sight reading, accompanying, and functional skills sections of the Piano Proficiency Exam, which is a graduation requirement for all music majors. Students must continue to enroll in piano until the exam is passed with a score of 85% or better. Classes normally limited to eight students. Class meets 2 hours per week. This course is normally offered in the spring semester.

3000 JUNIOR RECITAL

Prerequisite: To enroll, students must have achieved a satisfactory level of performance skill as specified in published departmental materials.

Solo recital performance on major instrument in the student's junior year. This course is offered as needed.

3121 CLASS WOODWINDS

A practical study of woodwind instruments of the band with emphasis on embouchure development, articulation techniques and general pedagogical principles. This course is normally offered in the spring semester of even numbered years.

3131 CLASS BRASS

A practical study of the brass instruments of the band with emphasis on embouchure development, articulation techniques and general pedagogical principles. This course is normally offered in the fall semester of odd numbered years.

3141 CLASS PERCUSSION

A practical study of the percussion instruments of the band including an introduction to rudiments and basic playing technique plus an overview of all the instruments of the section. This course is normally offered fall semester even years. This course normally offered in the spring semester of odd numbered years.

3151 CLASS STRINGS

A practical study of the string instruments of the orchestra with emphasis on bowing techniques, articulation, performance and general pedagogical principles. Offered fall semester odd years. This course is normally offered in the fall semester of even numbered years.

3213 PERSPECTIVES IN WORLD MUSIC

The goal of this course is to enable the student to become an active listener and observer of music from many different cultures. Particular emphasis will be placed on understanding how non-Western music traditions compare with and contrast to Western music traditions. It is the intention of this course to expand the student's awareness of the power of music, both as a human expression and a reflection of culture. The student will identify shaping trends and influences, the hybridization of multiple music cultures, and will examine the concept of "globalization" as it might apply to music. In order to accomplish course goals, students will learn how to listen to music in an active and conscious way. This will require the identification and analysis of the elements of music at work in each musical example we listen to (these include melody, rhythm, harmony, form, and timbre.) This course is normally offered every semester and in the summer.

Note: MUSC-2211 and MUSC-2212 must be completed before attempting the following courses unless approval is received from the department chair.

3323 MUSIC HISTORY I: ANCIENT MUSIC THROUGH THE RENAISSANCE

Prerequisite: For music majors; others by permission.

An introduction to ancient non-Western music and to music from the beginnings of Western civilization through the Renaissance period. The course begins with a brief overview of Western and non-Western music through all time periods, along with a primer for strengthening listening skills. The course features style analysis—visual and aural—of representative compositions and analysis of the relationship of music to socio-cultural background. This course is normally offered every third semester.

3333 MUSIC HISTORY II: BAROQUE AND CLASSICAL MUSIC

Prerequisite: For music majors; others by permission.

Continuation of MUSC 3323. An overview of Western (and selected non-Western) music from the early Baroque through the Classical era (approximately 1600-1820). The course features style analysis—visual and aural—of representative compositions and analysis of the relationship of music to socio-cultural background. This course is normally offered every third semester.

3343 MUSIC HISTORY III: ROMANTIC AND CONTEMPORARY MUSIC

Prerequisite: For music majors; others by permission.

Continuation of MUSC 3333. An overview of Western (and selected non-Western) music from the early Romantic period (approximately 1820) up to the present day. The course features style analysis—visual and aural—of representative compositions and analysis of the relationship of music to socio-cultural background. This course is normally offered every third semester.

3412 ORCHESTRATION

A practical study of the technical scope of orchestral and band instruments, providing introductory performance experience in instrumental families. Students will complete transcription exercises for each instrument family and a major transcription project for large instrumental ensemble. Fluency with computer programs is expected. Offered spring semester even years. This course is normally offered in the spring semester of even numbered years.

3513 MUSIC EDUCATION TECHNOLOGY

Prerequisite: For music majors; others by permission.

This course addresses the appropriate use and adaptation of technology in the classroom for music educators. Students develop competencies in the operation and effective utilization of equipment, electronic hardware, and materials commonly used by music educators. It is the goal of this course that each student, upon successful completion, will have a working knowledge of MIDI, notation technology, computer software, internet web page construction, and the ability to understand and use equipment while relying on owner's manuals for specifics regarding particular controllers or programs. This course is normally offered in the fall semester.

3452 VOCAL PEDAGOGY

Prerequisite: For vocal majors and minors with junior or senior standing; others by permission.

A course for those wanting to teach voice at the private level and those who will teach group vocal technique as choral directors. Emphasis is given to the science of vocal production: phonation, respiration, and resonance. This course is normally offered in the spring semester of even numbered years.

3462 PIANO PEDAGOGY I

Topics will include the philosophy and benefits of piano instruction, discussion of teaching styles and learning styles, methods and materials for teaching early level students, the business aspects of the independent studio, developing piano technique, and preparing students for contests and recitals. The student will plan and teach segments of group lessons and individual lessons with pre-college students. Lecture – 2 hours; Laboratory – 1 hour. Offered fall semester even years. This course is normally offered in the spring semester of even numbered years.

3561 PIANO PEDAGOGY II

A survey of additional methods and literature for the elementary and intermediate levels of piano instruction. Observations of student contests and performances are required. This course is offered as needed.

4001 SENIOR RECITAL

Solo recital performance in major performance area. To enroll, students must have achieved a satisfactory level of performance skill as specified in published departmental materials. This course is normally offered every semester.

4011 SENIOR PROJECT

Senior music majors may submit to the music faculty a proposal for a capstone project that will focus on performance, research, composition, and/or teaching. Additional guidelines are published in the Music Department Handbook. This course is normally offered every semester.

4212 CHORAL CONDUCTING I

Basic conducting skills, beat patterns, cueing and vocal score preparation, interpretation, nonverbal communication and rehearsal techniques. Includes choral conducting experience. This course is normally offered in the spring semester of even numbered years.

4222 CHORAL CONDUCTING II

Emphasis on rehearsal techniques, group dynamics and discipline, etc., involving conducting labs with music students as performers. An introduction to Renaissance, Baroque, Classical, Romantic, and Twentieth Century performance practice. This course is normally offered in the fall semester of even numbered years.

4312 INSTRUMENTAL CONDUCTING I

Basic conducting skills, beat patterns, cueing and instrumental score preparation, interpretation, nonverbal communication, and rehearsal techniques. Includes instrumental conducting experience with classmates as performers. This course is normally offered in the spring semester of even numbered years.

4322 INSTRUMENTAL CONDUCTING II

Emphasis on score study, rehearsal techniques, group dynamics, etc., involving conducting labs with music students as performers. This course is normally offered in the spring semester of odd numbered years.

4411 PIANO LITERATURE

A survey course to cover standard keyboard repertoire from 1700 to the present. This music elective may be taken as an independent study or in a class if enrollment is sufficient. Considerable emphasis will be on listening to piano music from the different periods of music history and discussing stylistic characteristics. This course is offered as needed.

4900 INDEPENDENT STUDY IN MUSIC

Arranging, composition, sixteenth-century counterpoint or other study. Music majors only, or by approval of the department chair. Three hours total applicable toward graduation. (1-3 hours) This course is offered as needed.

NURSING (NURS)

1011 INTRODUCTION TO NURSING

An introductory nursing course designed to acquaint the student with a historical nursing perspective from the beginnings of the profession to current professional developments. Students will be introduced to nursing trends and changing national and global health care delivery methods. Lecture - 1 hour. This course is normally offered in the fall semester.

2003 HEALTH ASSESSMENT

Pre-requisites: BIOL-2013

Co-requisite: BIOL-2523

Course focuses on the nursing process and how clinical diagnosis is performed. Students will learn to assess the client's physical, psychological, social, and spiritual dimensions as a foundation to nursing care. The skills of interviewing, documentation, inspection, percussion, palpation, and auscultation are refined to make clinical judgments and promote health/client outcomes. Lecture – 2 hours; Clinical – 1 hour. This course is normally offered in the fall semester.

2013 FUNDAMENTALS OF NURSING

Pre-requisites: BIOL-2013, CHEM-1104, BIOL-2523, NURS-2003
Co-requisite: BIOL-2623

An introductory course emphasizing nursing skills and nursing process. Nursing theory and concepts related to the human response to illness will be explored. Emphasis is placed on the development and integration of therapeutic communication skills, nurse/client relationships, developmental needs, cultural diversity and legal/ethical issues. Lecture – 2 hours, Clinical – 1 hours. This course is normally offered in the spring semester.

2033 PHARMACOLOGY

Pre-requisites: BIOL-2013, BIOL-2523 and CHEM-1104
Co-requisite: BIOL-2623

Course is designed as an introduction to pharmacological principles, drug classifications, and expected therapeutic outcomes associated with drug therapy. Nursing process and drug therapy are discussed in relation to clients' developmental levels and health habits across their lifespan. Lecture – 3 hours. This course is normally offered in the spring semester.

3013 PATHOPHYSIOLOGY

Pre-requisites: Admission to the nursing program

A course studying the alterations in physiological well-being across the lifespan as pathological responses to disease, stress, genetics and environmental changes occur within the body. Critical thinking, research findings, and scientific knowledge are applied to analyze individual outcomes throughout the course. Lecture – 3 hours. This course is normally offered in the fall semester.

3014 MENTAL HEALTH NURSING

Pre-requisites: Admission to the nursing program

A course introducing the student to basic mental health nursing content as applied to individuals, families, and community groups. Through the application of the nursing process, students learn to provide complex therapeutic nursing interventions for a variety of mental health disorders. Continued development of communication skills, professionalism, teaching/learning principles, ethical/legal, and economic issues are incorporated throughout the course. Lecture – 2 hours; Clinical – 2 hours. This course is normally offered in the fall semester.

3015 ADULT NURSING I

Pre-requisites: Admission to the nursing program.

A course focusing on medical-surgical nursing care of culturally diverse adult patients across the life span who are experiencing chronic health problems and end-of-life issues. The concept of caring is emphasized with a focus on individuality and cultural diversity. Implementation of the nursing process in a health care setting will focus on using basic teaching-learning principles for practice. Lecture - 3 hours; Clinical – 2 hours. This course is normally offered in the fall.

3024 MATERNAL-INFANT HEALTH NURSING

Pre-requisites: NURS-3013, NURS-3014 and NURS-3015

A course focusing on concepts and implementation of professional nursing care for women in their childbearing years, newborns, and their families with emphasis on pregnancy, childbirth and postpartum period. This course encompasses knowledge of growth and development, cultural diversity, and assessment techniques for pregnant women and newborns. Lecture 2 hours; Clinical – 2 hours. This course is normally offered in the spring semester.

3025 ADULT NURSING II

A course which builds upon the medical-surgical concepts learned in Adult I, focusing on adult patients experiencing common acute and chronic health problems across the lifespan. The effects of families and community groups are to be examined. Through application of the nursing process, students learn to provide complex therapeutic nursing interventions while using critical thinking skills. Lecture – 3 hours; Clinical – 2 hours. This course is normally offered in the spring semester.

3034 HEALTH CARE MISSIONS AND CHRISTIAN SERVICE

Pre-requisites: NURS-3013, NURS-3014 and NURS-3015

A course designed to focus on Christian concepts and principles as applied to global health service. Participation in health care delivery system of selected communities or countries is an integral component. Lecture – 2 hours; Clinical – 2 hour. This course is normally offered in the spring semester with clinical hours being completed in the first 3 weeks of May.

4005 COMMUNITY HEALTH NURSING

Pre-requisites: Senior standing in nursing.

A course focusing on organization and delivery of nursing care to individuals, families and groups in a variety of community health care settings. Emphasis is placed on prevention of disease, health promotion, and control of communicable disease within the community. Lecture – 3 hours; clinical 2 hours. This course is normally offered in the spring semester.

4011 CAPSTONE IN NURSING

Pre-requisites: NURS-4005, NURS-4015, and NURS-4022

A synthesis course within the nursing program preparing the student for licensure. Students develop an outcome report of their learning experiences which combine theory content and computer technology. National achievement exams will be an integral component of this course in preparation and review for NCLEX. Lecture – 1 hour. This course is normally offered in the spring semester.

4015 CHILD AND FAMILY HEALTH NURSING

Pre-requisites: Senior standing in nursing and MATH-2913 and PSYCH-3523

A course focusing on concepts of professional nursing care and implementation of the nursing process with pediatrics and their families. Emphasis of developmental variances, cultural diversity, family dynamics, and pathophysiology of childhood diseases are incorporated throughout the course. Lecture – 3 hours, clinical – 2 hours. This course is normally offered in the fall semester.

4022 ISSUES AND TRENDS IN NURSING

Pre-requisites: Senior standing in nursing.

A theory course which addresses moral, ethical and legal issues within the nursing profession. The student's transition into professional nursing practice will be addressed, including career planning and the student's professional role for future practice. Lecture – 2 hours. This course is normally offered in the fall semester.

4024 LEADERSHIP AND MANAGEMENT IN NURSING

Pre-requisites: NURS-4005, NUR-4015, and NURS-4022

An introduction to the concepts of leadership and management principles related to nursing practice for preparation for role transition from student to graduate. This course includes a concentrated senior precepted clinical experience (90 hours) in a selected practice area. Lecture – 2 hours; Clinical – 2 hours. This course is normally offered in the spring semester.

4025 ADULT NURSING III

Pre-requisites: NURS-4005, NURS-4015, and NURS-4022

A course focusing on nursing care of adult patients across the lifespan in the critical care setting who are experiencing complex, multi-system health problems and life-threatening illness or injuries. Emphasis is placed on interdisciplinary collaboration and on psychological, cultural, social, economic, and spiritual concerns of patients and their families. Advanced technology, assessment skills, and collaborative practices are explored. Lecture – 3 hours; Clinical – 2 hours. This course is normally offered in the spring semester.

4033 NURSING RESEARCH

Pre-requisites: NURS-4005, NURS-4015, NURS-4022, and MATH-2913

An introduction to the research process and its application to nursing practice. Emphasis on the role of the professional nurse in critiquing and use of nursing research. Critical thinking skills and the research process are applied to the development of a group research project. Lecture 3 hours. This course is normally offered in the spring semester.

PHILOSOPHY (PHIL)

4113 SENIOR PHILOSOPHY SEMINAR

Prerequisite: Must be a senior to take this course.

A seminar designed to help students integrate the different courses of the core curriculum into a unified worldview which prepares them for continuing their studies and their education throughout their lifetime. The course will encourage a Christian worldview and will explore the issues of faith, knowledge, morality, and ethics in a personal philosophy of life. This course is normally offered every semester and in the summer.

PHYSICAL EDUCATION (PHED)

ACTIVITY COURSES

Usually meet 3 hours weekly

1301-1391 INTERCOLLEGIATE SPORTS

Instruction, practice and participation in the intercollegiate sports sponsored by the university.

1611 BEGINNING TENNIS

Instruction and practice in the fundamentals of tennis.

1621 ADVANCED TENNIS

Instruction and practice in advanced tennis skills.

1811 BASKETBALL FUNDAMENTALS

Instruction and practice in the fundamentals of basketball.

1821 GOLF

Instruction and practice in the fundamentals of golf.

1911 BADMINTON

Instruction and practice in the fundamentals of badminton.

2321 RHYTHM AEROBICS II

Continuation of Aerobics I with advanced material.

2511 PHYSICAL FITNESS AND WELLNESS

Planning and participation in effective lifetime fitness programs, including activity participation.

2702 SPORTS LAB I

Instruction and practice in the activities of golf, soccer/speedball, basketball and weight training. Students who are not physical education majors or minors need permission of the departmental chair to enroll. This course is normally offered in the fall semester.

2712 SPORTS LAB II

Instruction and practice in the activities of badminton, volleyball, tennis and softball. Students who are not physical education majors or minors need permission of the departmental chair to enroll. This course is normally offered in the spring semester.

4211 ACTIVITY PRACTICUM I

Open to physical education majors who are juniors or seniors. The departmental chair must approve enrollment in this class and will assign students to assist in an activity class or related area. This course is normally offered in the fall semester.

4311 ACTIVITY PRACTICUM II

Open to physical education majors who are juniors or seniors. As in 4211, the departmental chair must approve enrollment in this course, as assignments will be made for each student to assist or supervise activities. This course is normally offered in the spring semester.

4411 TEACHING THE DISABLED CHILD

Open to all students in the education field. This class allows students to work with physically and mentally disabled students. All work is done within a lab setting involving physical education and recreation skills. This course is normally offered in the fall semester.

4900 INDEPENDENT STUDY IN PHYSICAL EDUCATION

Prerequisites: Junior or Senior standing and permission of departmental chair. Varies from actual laboratory work to specific contract assignments in various sports activities. A physical education major may take this course when the departmental chair feels it may be fitted to the student's needs and interests. This course is offered as needed.

THEORY COURSES**1113 INTRODUCTION TO SPORT, WELLNESS, AND RECREATION**

Introduces prospective physical education majors to all phases of the field. This course is normally offered fall semester.

2213 METHODS OF TEACHING HEALTH AND PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOLS

A comprehensive study of the needs of elementary school children. Specific areas such as identifying and helping children with learning disabilities involving perceptual motor difficulties are studied. Actual laboratory work is involved where new activities and methods of teaching these activities are demonstrated and each student is a participant. The course also includes a study of concepts of teaching children with physical and mental disorders. This course is normally offered in the fall semester.

2312 FIRST AID

A study in the immediate care of persons involved in various types of emergencies. This course is normally offered in the fall semester.

2412 CARE AND PREVENTION OF ATHLETIC INJURIES

A course designed for students planning to coach varsity sports. Topics include common injuries and types of treatment for which each coach must be prepared. Laboratory work is required. This course is normally offered in the fall semester.

2512 WELLNESS CONCEPTS

Videotaped programs designed to provide basic conceptual physical fitness. These programs will help students learn how to do self-tests of fitness and wellness and plan effective lifetime fitness and wellness programs. This course is normally offered in the fall semester of odd numbered years.

2612 SPORTS OFFICIATING

Instruction and practical experience in officiating various sports, including basketball, baseball, volleyball, and football. This course is normally offered in the spring semester.

3113 KINESIOLOGY

Involves the study of human movement. Many forms of movement are analyzed and correlated with scientific principles of coaching various activities. This course is normally offered in the spring semester.

3233 THEORY OF COACHING BASKETBALL

Discussion of both defense and offense. Practical applications such as hiring officials, pre-game situations and personnel problems are studied. This course is normally offered in the spring semester.

3242 THEORY OF COACHING VOLLEYBALL

The study of all the principles involved in coaching this sport. Techniques in proper officiating as well as rules are discussed. This course is normally offered in the fall semester of even numbered years.

3252 THEORY OF COACHING BASEBALL AND SOFTBALL

Scientific principles of coaching baseball and softball as well as practical applications. Pre-season and in-season drills are studied. This course is normally offered in the spring semester of even numbered years.

3262 THEORY OF COACHING TRACK AND FIELD

The study of coaching principles in track and field events. Practical study involving the organization and administration of track meets is included. This course is normally offered in the spring semester.

3272 THEORY OF COACHING TENNIS & GOLF

The study of coaching principles in tennis and golf. A practical study in blending individuals into a team and the techniques of each sport. This course is normally offered in the fall semester of odd numbered years.

3282 THEORY OF COACHING SOCCER

The study of the principles of coaching the sport of Soccer. Offensive and defensive fundamentals will be studied. This course is normally offered in the spring semester of odd numbered years.

3293 COACHING ETHICS AND SPORTS PSYCHOLOGY

The study of current trends in ethics in sport and coaching and sport psychology. Best practices in each of these topics will be studied. This course is normally offered in the spring semester odd numbered years.

3313 TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION

A study of various measuring or evaluating tools, reasons for evaluating, individual evaluations, educational statistics, etc. This course is designed to give the student better insight in reading research data involving statistical analysis. The course is essential for those students in physical education planning to do graduate study. This course is normally offered in the spring semester.

4113 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION

A study of the organization and administration of physical education and athletic programs in the public schools. This is the capstone course for physical education majors as they review and discuss problems and changes in their professional field. This course is normally offered in the spring semester.

4123 RECREATION LEADERSHIP AND YOUTH SPORTS

A study of leadership qualities needed in the organization and administration of various types of recreational programs. This course is normally offered in the fall semester of even numbered years.

4213 ORGANIZATION AND ADMINISTRATION OF INTRAMURALS

A study of the development of intramural sports in this country and the current theories and practices used by intramural programs throughout the nation. Field experience in organizing and administering an intramural program is included. This course normally offered in the spring semester of even numbered years.

4313 PHYSICAL EDUCATION FOR THE EXCEPTIONAL CHILD

A study of various types of programs in physical education for the mentally retarded, physically disabled, learning disabled and emotionally disturbed. Lab work is required. This course is normally offered fall semester of even numbered years. This course is normally offered in the spring semester.

4323 PHYSIOLOGY OF SPORT AND EXERCISE

A study of various scientific methods of coaching and teaching physical education classes. This course is normally offered in the fall semester.

4413 METHODS OF TEACHING HEALTH AND PHYSICAL EDUCATION IN SECONDARY SCHOOLS

Methods and materials of planning and conducting physical education activities at the middle and high school levels. This course satisfies the professional education requirement, but B.S.E. students should enroll in it as EDUC-4413. This course is normally offered in the spring semester.

4513 RECREATIONAL ACTIVITIES FOR THE HANDICAPPED

A study consisting chiefly of practical experiences in working with the handicapped in movement and recreational concepts on the OC campus. This course is normally offered in the fall semester of odd numbered years.

4613 CAPSTONE SKILLS

This course gives the senior Sports, Wellness and Recreation Management major to interact with faculty and professionals in the field to work at an advanced level in activities in the field or in a research topic. This course is normally offered every semester.

PHYSICS (PHYS)

1114 COLLEGE PHYSICS I

Prerequisite: MATH-1213.

A study of classical and Newtonian mechanics, including kinematics, forces, energy and momentum conservation, rotation and equilibrium, as well as fluids, vibrations, wave motion and thermodynamics. Lecture - 3 hours; Laboratory - 3 hours. This course is normally offered fall semester.

1214 COLLEGE PHYSICS II

Prerequisite: PHYS-1114.

Continuation of PHYS-1114, studying electricity and magnetism, light and optics, special relativity, and atomic and nuclear physics. Lecture - 3 hours; Laboratory - 3 hours. This course is normally offered spring semester.

2514 PHYSICS I

Prerequisite: MATH-2114.

A calculus-level treatment of classical mechanics; i.e., motion, force, work, energy, gravity, rotation, torque, elasticity, equilibrium, and thermodynamics. Lecture - 3 hours; Laboratory - 3 hours. This course is normally offered every semester.

2614 PHYSICS II

Prerequisites: PHYS-2514 and MATH-2214.

A continuation of PHYS 2514, providing a calculus-level treatment of electricity, magnetism, alternating current, light and optics. Lecture - 3 hours; Laboratory - 3 hours. This course is normally offered every semester.

2713 PHYSICS III

Prerequisite: PHYS 2614.

A continuation of PHYS 2614, including oscillations, waves, Maxwell's equations, light and optics, and topics in modern and atomic physics. Lecture - 3 hours. This course is normally offered in the spring semester of even numbered years.

4900 INDEPENDENT STUDY IN PHYSICS

Assigned research, readings and reports based on the needs of the individual student. May be taken only with the permission of the instructor and the departmental chair. This course is offered as needed.

POLITICAL SCIENCE (POLS)

1213 AMERICAN POLITICAL ECONOMY

An examination of the interconnection between the fundamentals of the American government and the basic principles of economy. Special attention will be given to the philosophy of Adam Smith and his impact on the development of American capitalism, governmental attempts to impact the economy and the debate between liberal and conservative philosophies concerning the role of government manipulation of the economy. This course is normally offered in the every semester.

2113 INTRODUCTION TO AMERICAN POLITICS

A survey of the rules (the Constitution), institutions (the Presidency, Congress, the courts, and the bureaucracy), participants (voters, parties, interest groups, and the media) and products (social, economic, and foreign policy) of democratic politics in the United States. This course is normally offered in the fall semester.

2213 INTRODUCTION TO GLOBAL POLITICS

A survey of why countries cooperate in maintaining national security and economic prosperity in a global economy, and how conflicts between countries threaten that security and prosperity. Students participate in several decision-making simulations that demonstrate the challenge of maintaining peace and security. This course is normally offered in the spring semester of even-numbered years.

2313 RESEARCH SKILLS IN POLITICAL SCIENCE

Prerequisite: POLS-2113 or POLS-2213.

A survey of several methods of conducting original research projects, which may include survey research, experiments, content analysis, statistical analysis, and case studies. Students learn to identify research questions, to formulate strategies for answering them, to conduct the research, and to write up the results. This course is normally offered in the spring semester of even-numbered years.

2413 COMPARATIVE POLITICS

A survey of the major political systems, levels of government and inter-governmental relations, mass political behavior, and theoretical power relationships inside various regimes. It will involve an analysis of comparative political concepts with an emphasis on industrialized countries, not including the U.S. This course is normally offered in the spring semester of odd-numbered years.

3113 HISTORY OF WESTERN POLITICAL THOUGHT

Prerequisite: POLS-2113 or POLS-2213.

The course of political thought in the West from Plato and Aristotle to Dewey, Freud and Russell. This course is normally offered in the fall semester of odd-numbered years.

3213 AMERICAN POLITICAL THOUGHT

Prerequisite: POLS-2113 or POLS-2213.

History of American political ideas as shown by our American political institutions, legislation and constitutional forms, and the writings of American statesmen, political leaders, and philosophers. This course is normally offered in the fall semester of even-numbered years.

3313 LEGAL AND LEGISLATIVE ANALYSIS

Prerequisites: Sophomore standing and POLS-2113.

A workshop format teaching the analysis of statutory and case law in the United States. Workshop topics include briefing cases, researching cases and statutes, writing legal memos, writing legal outlines, and taking hypothetical case exams. Developing these skills is excellent preparation for law school. This course is normally offered in the spring semester of even-numbered years.

3413 THE PRESIDENCY AND CONGRESS

Prerequisite: POLS-2113.

A survey of the internal operation of the two major branches of the national government, especially in the context of foreign policy and making the national budget. A second major issue is the impact of partisanship on presidential-congressional relations and public policy. This course is normally offered in the spring semester of even-numbered years.

3513 INTERNATIONAL POLITICAL ECONOMY

Prerequisite: POLS-2213.

A survey of the organizations and the institutions that govern international trade and finance, controversies involving free trade, tensions between developed and developing countries, and the linkages between global capitalism and war. This course is normally offered in the fall semester of even-numbered years.

3613 POLITICAL PARTIES AND INTEREST GROUPS

Prerequisite: POLS-2113.

An examination of the role of political parties and interest groups as intermediary organizations that connect the public to policy makers. The first part of the course focuses upon political parties and elections, and the second part of the course examines lobbying, political action committees (PAC's), and the problem of political corruption. This course is normally offered in the fall semester of odd-numbered years.

3713 STATE AND LOCAL POLITICS

Prerequisite: POLS-2113.

A survey of the local politics and policies that most people directly encounter in daily life. Students learn the basic institutional structures and municipal governments in the United States and explore local controversies involving education, land use, and economic development. Students implement different theories of local government in a computer simulation. This course is normally offered in the fall semester of even-numbered years.

3813 CONTEMPORARY POLITICAL IDEOLOGIES

This course is a study of the political patterns of today's world, explaining the instruments, functions, and theories intertwined in modern ideologies. Emphasis will be placed on the predominant theories of democracy, communism and the aspects of an authoritarian regime. This course is normally offered in the fall semester of even-numbered years.

4113 CONSTITUTIONAL LAW

Prerequisite: POLS-1213 or POLS-2113.

A study of current public law and constitutional law court cases which acquaint the student with official interpretation of the Constitution and the lawmaking and judicial role of the Supreme Court. This course is normally offered in the spring semester of odd-numbered years.

4213 THEORIES AND ETHICS IN INTERNATIONAL RELATIONS

This course will examine three major themes relevant to ethics and international affairs: the discussion of contemporary theories regarding the nature of the international system, the problem of morality in the anarchical international system, and the ethical dimension of contemporary issues. This course is normally offered in the fall semester of odd-numbered years.

4413 INTERNATIONAL CONFLICT

Prerequisite: POLS-2113 or POLS-2213

An examination of the causes of conflict, the ethics of conflict, conflict management, and conflict resolution. The first section of the course will discuss the causes and ethics of violence while concentrating on riots, terrorism, revolution, and other expressions of conflict. The second section of the course will examine interstate conflict, including war. The course readings are interdisciplinary and include some sociology, psychology, anthropology, and history. This course is normally offered in the spring semester of odd-numbered years.

4713 POLITICAL RESEARCH SEMINAR

A capstone seminar giving political science majors the opportunity to further develop their research skills by delving into the world of political data analysis. Students will work closely with faculty to create, develop and produce a significant research project in preparation for graduate school. This course is offered in the spring of odd numbered years.

4813 SELECTED TOPICS IN POLITICAL SCIENCE

The contents of this course vary based on the needs of students and the current central issues in political science. Course may be repeated. This course is offered as needed.

4900 INDEPENDENT STUDY IN POLITICAL SCIENCE

Provides mature students an opportunity for individual research and guided readings. (1-3 hours) This course is offered as needed.

PSYCHOLOGY (PSYC)

1113 GENERAL PSYCHOLOGY I

An introduction to the fundamental aspects of modern scientific psychology. Included in the study are the history of psychology, methods used in the field, learning theory, motivation, emotion, and mental disorders. The student is stimulated to apply psychological principles to life situations. This course is normally offered every semester.

1211 INTRODUCTORY SEMINAR IN PSYCHOLOGY

A course which introduces the psychology major to the field of psychology as a career. Major emphasis is placed on preparation for graduate school, taking the Graduate Record Exam (GRE) and the different career options within the field of psychology. Guest speakers are utilized. This course is normally offered in the spring semester.

2223 GENERAL PSYCHOLOGY II

Prerequisite: PSYC-1113.

Second introductory class for the field of psychology. This course is primarily for majors or minors in psychology and includes units on social psychology, human learning, remembering and forgetting, testing, the brain and psychological therapy. The course completes the student's preparation for upper level psychology courses. This course is normally offered in the spring semester.

2413 INTRODUCTORY PSYCHOLOGICAL STATISTICS

Elementary statistics with social and behavioral applications. (Same as SOCI-2413.) This course is normally offered in the fall semester.

3213 ADVANCED PSYCHOLOGICAL STATISTICS

Prerequisite: PSYC-2413.

An intermediate course exploring the application of more advanced statistical methods used in research in psychology and related fields. Emphasis will be placed on the major concepts of the methods and on the practical application of these statistics. Specific topics covered are factorial analyses of variance, including repeated measures design and post hoc analyses, linear and multiple regression, analysis of covariance and non-parametric statistics including chi-square and log linear analyses. This course is normally offered in the spring semester.

3313 ABNORMAL PSYCHOLOGY

Prerequisite: PSYC-1113.

A study of the definition, diagnosis and treatment of abnormal behavior. This course is normally offered in the spring semester.

3413 SOCIAL PSYCHOLOGY

Prerequisite: PSYC-1113.

A study of behavioral consequences of group and individual interaction. (Same as SOCI-3413.) This course is normally offered in the fall semester of odd numbered years.

3523 DEVELOPMENTAL PSYCHOLOGY

Prerequisites: PSYC-1113.

The physical, mental and social development of the normal individual from conception through adolescence. This course is normally offered every semester and summer. This course is normally offered every semester.

3524 DEVELOPMENTAL PSYCHOLOGY: A LIFESPAN APPROACH

Prerequisite: PSYC-1113 and admission to teacher education or special approval.

The physical, mental, and social development of the normal individual from conception through death and dying. This course is normally offered every semester.

3573 PSYCHOLOGY OF RELIGION

A study of the relation between social dynamics, culture and religion, with emphasis upon Christianity. Special attention is given to psychological and sociological bases of the religious life. (Same as BIBL-3573 and SOCI-3573.) This course is offered as needed.

3613 ADOLESCENCE AND EARLY ADULTHOOD

Prerequisite: PSYC-1113.

A study of the developmental process of adolescence and early adulthood. It will focus on biological, cognitive, and socio-emotional issues as they pertain to the ongoing changes in this time of the life cycle. Attention will be given to issues of gender, culture, family relationships, peer relationships, sexuality, and education. Special attention will also be given to issues that young adults face as they venture into collegiate life, career exploration and new family roles. (Same as FMST-3613.) This course is normally offered in the fall semester of odd numbered years.

3713 PERSONALITY

Prerequisite: PSYC-1113.

Structure and dynamics of personality development. This course is normally offered in the fall semester of even numbered years.

3723 ADULT DEVELOPMENT AND AGING

A study to include physical and health factors in aging; psychological aspects of aging; marriage, family and community relationships of older persons; economic and vocational factors in aging; perspectives on death, dying and grief; aging and institutional care; aging and the law; and the future of social intervention, both public and private. (Same as FMST-3723 and SOCI-3723.) This course is normally offered spring semester.

3813 THEORIES OF COUNSELING AND PSYCHOTHERAPY

Prerequisite: PSYC-1113.

An introduction to the major theories of counseling and psychotherapy. Focus will be placed on understanding the theories of Freud, Adler, Jung, Rogers, Perls, Ellis and Glasser, and on appreciating the complexity of helping others in a counseling relationship. This course is normally offered in the fall semester of even numbered years.

3913 PSYCHOLOGY OF CRIME

Prerequisite: PSYC-1113.

Psychological aspects of criminal and anti-social behavior, including comparison of psychological and legal factors in criminal investigation and testimony. (Same as SOCI-3523.) This course is normally offered in the spring semester of odd numbered years.

3933 CYBERNETICS AND SYSTEMS THEORY

Prerequisite: PSYC-1113.

An introduction to the major underlying theoretical foundations of family therapy. The course will explore the historical development of systems theory and cybernetics from its origins in the 1940s in the thinking of mathematicians, physicists, biologists and engineers to the pioneering work of Bateson and his colleagues in the late '50s and their application of cybernetics to the family. The course will cover the work of Murray Bowen. The basic concepts of systems theory will be discussed and contrasted with the more common Western, analytical approach that has dominated thinking in psychology since the time of Freud. (Same as FMST-3933.) This course is normally offered in the fall semester.

4113 MOTIVATION AND EMOTION

Prerequisites: PSYC-2223 and PSYC-3013.

Theoretical analysis of purposive behavior drives and motives as well as biological and social origins. This course is normally offered in the spring semester of even numbered years.

4213 PSYCHOLOGY OF LEARNING

Prerequisite: PSYC-1113.

The study of experimental psychology in the learning situation. This course is normally offered in the spring semester of odd numbered years.

4313 ORGANIZATIONAL BEHAVIOR

Prerequisite: PSYC-1113.

Psychology of employee selection, training, proficiency evaluation, motivation, morale, and reaction to working conditions. (Same as MGMT-4313 and SOCI-4313.) This course is normally offered in the spring semester.

4323 INTRODUCTION TO MARITAL AND FAMILY THERAPY

Prerequisite: PSYC-1113.

An introduction to the field of marital and family therapy. It will present the history of systems therapy, including the importance of systems theory to the continuing development of the discipline. Special emphasis will be placed on the current status of marital and family therapy including the importance of constructivist theories. The course will also present the major theories of marital and family therapy that have defined the field for the last 40 years. This will be a systemic, experiential, discussion-based class that will require active participation from each student. (Same as FMST-4323.) This course is normally offered in the spring semester of even numbered years.

4413 BIOLOGICAL PSYCHOLOGY

Prerequisite: PSYC-1113.

A study of the nervous system and other physiological correlates of behavior. This course is normally offered in the fall semester of odd numbered years.

4423 DRUGS AND PSYCHOPHARMACOLOGY

Prerequisite: PSYC-1113.

An advanced course in biological psychology, focusing on the effects of drugs on the human nervous system. It will explore drugs of abuse, emphasizing how these drugs work in the brain to produce their behavioral effects. Special attention will be given to the topic of addiction. The course will also focus on psychopharmacology, specifically the treatment of mental health disorders via the prescribing of psychoactive agents. The course will focus on the treatment of anxiety disorders, mood disorders and psychotic disorders through medication. Attention will be given to how these drugs work in the brain. This course is normally offered in the fall semester of even numbered years.

4613 INTRODUCTION TO PSYCHOLOGICAL TESTING

Prerequisite: PSYC-2413.

An overview of the theory and content of evaluation instruments commonly used in fields of psychology to assess achievement, intelligence, special aptitudes and personality. General principles of construction, validation, administration, scoring, and interpretation are covered along with brief descriptive overviews of widely used instruments. This course is normally offered in the spring semester of odd numbered years.

4623 EXPERIMENTAL PSYCHOLOGY

Prerequisite: PSYC-2413.

Planning, executing, analyzing data, and writing up results of psychological research projects. Methods and problems encountered are explored. This course is normally offered in the fall semester.

4653 RESEARCH SEMINAR

Prerequisite: PSYC-4623.

The capstone course in the psychology program and a follow-up to Experimental Psychology (PSYC-4623). Students will learn SPSS – the Statistical Package for the Social Sciences – and complete their own individual research project and paper, including the collection and analysis of data. The final goal will be making a presentation of their findings to the appropriate student convention. Much of the class will consist of individual instruction and laboratory work. (Same as FMST-4653.) This course is normally offered in the spring semester.

4713 HISTORY AND SYSTEMS IN PSYCHOLOGY

Prerequisite: PSYC-1113.

A comprehensive study of the history of psychological thought beginning with philosophical foundations and continuing to the present. The course focuses on major contributions and systems with which they are associated. This course is normally offered in the spring semester.

4733 PROFESSIONAL, ETHICAL AND LEGAL ISSUES

Prerequisite: Senior standing.

A study of the contemporary ethical considerations, legal standards and professional issues that influence the work of psychologists, counselors and other mental health officials. Specific attention will be given to the Ethical Standards of the APA, ACA and AAMFT, as well as Oklahoma State Law governing the behavior of researchers and psychotherapists. The course will focus on specific ethical dilemmas throughout the class, including, among others, confidentiality, dual relationships, professional relationships, assessment and research. (Same as FMST-4733.) This course is normally offered in the fall semester of odd numbered years.

4810 PSYCHOLOGY SEMINAR

Prerequisite: PSYC-1113.

Content varies. Course may be repeated. (1-4 hours, depending on course content.)

4820 PRACTICUM IN PSYCHOLOGY I

A course designed to give advanced psychology students "hands on" experience in the field of psychology of interest to them. Students complete 60 hours of supervised volunteer work at a field site and meet one hour a week with a supervising instructor and other practicum students. Class time focuses on student experiences in a group discussion format. Possible practicum sites include schools and community social service agencies, along with opportunities for research. Enrollment by permission only. (1-3 hours) This course is normally offered in the spring semester.

4830 PRACTICUM IN PSYCHOLOGY II

Requirements are the same as Practicum I. Students have the option of continuing in the same practicum setting or switching to another site. (1-3 hours) This course is normally offered in the spring semester.

4900 INDEPENDENT STUDY IN PSYCHOLOGY

Assigned research, readings and reports based on the needs of the individual student. May be taken only by junior or senior psychology majors or minors with approval of the departmental chair. (1-3 hours) This course is normally offered in the spring semester.

RELIGIOUS EDUCATION (RLED)

2512 PERSONAL EVANGELISM

Includes the methods and approaches for doing personal Bible instruction along with intensive study on the biblical issues that typically arise in doing such studies. Non-textual. (Same as BIBL-2512.) This course is offered every semester.

3113 TEACHING THE BIBLE

A course designed to help students prepare Bible lessons that are a good development of a text or a Bible topic and to present it in a way that will illuminate the teaching of scripture. Courses in religious education of children, adolescents, and adults will build on the foundation laid in this course. This course is normally offered in the fall semester.

3222 RELIGIOUS EDUCATION OF CHILDREN

A study of the age characteristics, motivational principles, learning methods and curriculum for teaching the Bible to children from birth to age 12. (Same as BIBL-3222 and YTMN-3222.) This course is normally offered every semester.

3223 ADMINISTERING LOCAL CHURCH AND BIBLE SCHOOL PROGRAMS

This course is designed to provide the student with a comprehensive knowledge of the historical development, basic work, leadership functions, organization, and contemporary developments in the local church. Within the setting of local church organization and functioning, the student will be guided to understand how to organize and administer the Church's Bible School program. The student's understanding will be informed through the foundations for administration and leadership, administrative principles and procedures, and educational leadership in the local church. This course is normally offered in the spring semester of odd numbered years.

3232 CURRICULUM DEVELOPMENT FOR CHILDREN'S MINISTRY

A study of issues in children's ministry such as curriculum evaluation, understanding of learning styles and multiple intelligences, traditional and rotating learning and curriculum for special-needs children. Course will culminate in the writing of a thirteen week curriculum for children. This course is normally offered in the spring semester of odd numbered years.

3413 MINISTRY TO COLLEGE AND UNIVERSITY STUDENTS

An examination of the unique aspects of ministry on state and Christian college and university campuses. Attention will be given to community building, counseling, educational methods, and evangelism. The workings of a Bible Chair and integration into congregational life will also be studied. This course is offered as needed.

3612 SPIRITUAL DEVELOPMENT OF CHILDREN

A study of the spiritual development of children as it applies to both churches and parents. Study will focus on how Scripture, tradition, reason, and experience are connected in shaping a child's spiritual development. Through reading, interviewing, and assignments students will learn first-hand how to better equip churches and parents to fulfill this role. (Same as YTMN-3612.) This course is normally offered in the fall semester of even numbered years.

4112 MINISTRY TO WOMEN

A course which builds on the course in Preparation and Delivery of Religious Speeches to prepare women to teach and speak to women in classes and public events and to lead other women's activities in the church. This course is offered as needed.

4213 RELIGIOUS EDUCATION OF ADOLESCENTS

A study of the age characteristics, motivational principles, learning methods and curriculum for teaching the Bible to adolescents 13-18 years old. This course is normally offered in the fall semester.

4222 RELIGIOUS EDUCATION OF ADULTS

A study of the age characteristics, motivational principles, learning methods and curriculum for teaching the Bible to adults. This course is normally offered in the fall semester of even numbered years.

4313 VOLUNTEERS, PARENTS, AND STAFF IN YOUTH AND FAMILY MINISTRY

A course designed to assist churches in mobilizing volunteers to work with adolescents. Several programs used in churches currently will be reviewed and critiqued. Several aspects of volunteer programs will be discussed in detail (e.g., commitment, safety, legal issues, age, relieving volunteers, etc.). Interviews with volunteers in local churches will be used to understand from both sides the joys and frustrations involved in working with adolescents in a church setting. (Same as YTMN-4313.) This course is normally offered in the spring semester.

4412 SPECIAL ISSUES IN CHILDREN'S MINISTRY

A focus on special issues in children's ministry such as outreach programs (VBS, etc.), teacher burn-out, training, appreciation programs, programs for special needs students, and legal issues such as building security, screening of volunteers, and reporting abuse. This course is normally offered in the spring semester of odd numbered years.

4812 PRACTICAL EXPERIENCE IN RELIGIOUS EDUCATION I

Practical experience in a church situation under the guidance of an experienced teacher or supervisor. By approval only. This course is normally offered every semester.

4822 PRACTICAL EXPERIENCE IN RELIGIOUS EDUCATION II

Practical experience in a church situation under the guidance of an experienced teacher or supervisor. By approval only. This course is normally offered every semester.

4824 PRACTICAL EXPERIENCE IN RELIGIOUS EDUCATION

Combination of RLED-4812 and 4822. This course is normally offered every semester.

4830 SPECIAL STUDIES IN RELIGIOUS EDUCATION

Content varies. Course may be repeated. (1-3 hours) This course is offered as needed.

4900 INDEPENDENT STUDY IN RELIGIOUS EDUCATION

Assigned readings, reports or projects based on the needs of the individual student. Normally taken only by juniors or seniors with approval of the dean of the college. (2-3 hours) This course is offered as needed.

SOCIOLOGY (SOCL)

1113 PERSPECTIVES IN SOCIOLOGY

A survey of the following areas: society and culture, personality, social processes, human collectivities, population and communities, social institutions, and social change. This course is normally offered in the fall semester of even numbered years.

2413 SOCIAL STATISTICS

Elementary statistics with social and behavioral applications. (Same as PSYC-2413.) This course is normally offered in the fall semester.

2423 PARENT-CHILD RELATIONS

Opportunities, responsibilities and problems faced by parents in guiding the development of children, emphasizing recent research in the area of parent-child relationships. (Same as FMST-2423.) This course is normally offered in the spring semester.

3143 INTRODUCTION TO ASIAN CIVILIZATIONS

Prerequisite: Junior standing

Introduces the major cultural themes of East, Southeast, and South Asia. Students will learn about the geographical, social, political, economic, cultural and religious features of the four major regions of Asia. Fulfills the core curriculum non-Western Civilization requirement. (Same as MISS-3143.) This course is offered as needed.

3413 SOCIAL PSYCHOLOGY

Prerequisite: PSYC-1113.

Motivation and personality in social context. (Same as PSYC-3413.) This course is normally offered in the fall semester of odd numbered years.

3513 WORLD RELIGIONS

Prerequisite: Junior standing

A comparative study of the beliefs and practices, as well as the historical and sociological impact, of several of the world's principal religious traditions. These include indigenous traditions, Judaism, Islam, Hinduism, Buddhism, Taoism, Confucianism, and Shinto. Fulfills the core curriculum non-Western civilization requirement. (Same as MISS-3513.) Non-textual. This course is normally offered every semester.

3523 SOCIOLOGY OF CRIME

Prerequisite: PSYC-1113

Psychological aspects of criminal and anti-social behavior, including comparison of psychological and legal factors in criminal investigation and testimony. (Same as PSYC-3913.) This course is normally offered in the spring semester of odd numbered years.

3573 SOCIOLOGY OF RELIGION

A study of the relationship between social dynamics, culture and religion, with emphasis upon Christianity. Special attention is given to psychological and sociological bases of the religious life. (Same as BIBL-3573 and PSYC-3573.) This course is offered as needed.

3613 CULTURAL ANTHROPOLOGY

Suggested prerequisite: SOCI-1113

An introduction to the concept and practice of cultural analysis with an emphasis on enhancing students' cultural intelligence in regard to cultural differences, ethnocentrism and cultural change. Significant attention is devoted to the anthropology of religion. Fulfills the core curriculum non-Western civilization requirement. (Same as MISS-3613.) Non-textual. This course is normally offered in the spring semester of odd numbered years.

3713 CONTEMPORARY ETHICS

A brief history of ethical theory in Western civilization and a survey of several modern secular ethical systems. These are contrasted with biblical principles and Christian systems during discussions of specific topics such as sexuality, marriage, divorce, abortion, euthanasia, the relation of Christians to the state, wealth and poverty, war and peace, race relations, and social justice. (Same as BIBL-3713.) This course is normally offered in the fall semester of odd numbered years.

3723 GERONTOLOGY

A study to include physical and health factors in aging; psychological aspects of aging; marriage, family and community relationships of older persons; economic and vocational factors in aging; perspectives on death, dying and grief; aging and institutional care; aging and the law; and the future of social intervention, both public and private. (Same as FMST-3723 and PSYC-3723.) This course is normally offered in the spring semester.

4633 INTERCULTURAL COMMUNICATION I

Prerequisite: ENGL-2113.

A survey of the basic concepts of how people communicate effectively across cultural boundaries, with special attention given to the complex nature culture plays in communication. SOCI-4633 fosters in students an understanding and appreciation of their own cultural and cultural patterns of communication and those of other cultures. (Same as COMM-4633, ENGL-4633 and MISS-4633.) This course is normally offered in the spring semester of odd numbered years.

4643 INTERCULTURAL COMMUNICATION II

Prerequisite: ENGL-2113.

A continuation of SOCI-4633, typically taught while a student is living in a foreign culture. (Same as ENGL-4643 and MISS-4643.) This course is normally offered in the fall semester of odd numbered years.

SPANISH (SPAN)

1113 BASIC SPANISH I

Foundational principles and practice of speaking, understanding, reading and writing Spanish and an introduction to Spanish culture for those with no background in Spanish. This course is normally offered every semester.

1213 BASIC SPANISH II

Prerequisite: SPAN-1113, one year of Spanish in high school or the equivalent with permission of the instructor. Continuation of Basic Spanish I, enabling the student to read,

write, understand and respond in basic Spanish and to be aware of cultural differences. This course is normally offered every semester.

2113 INTERMEDIATE SPANISH I

Prerequisite: SPAN-1213 or the equivalent with the permission of the instructor.

A review of Spanish grammar with extensive conversation and cultural readings. This course is normally offered in the fall semester.

2123 INTERMEDIATE SPANISH II

Prerequisite: SPAN-2113 or the equivalent with the permission of the instructor.

Guided development in spoken and written Spanish designed to increase vocabulary and improve usage. This course is normally offered in the fall semester.

3213 SPANISH LITERARY READINGS

Prerequisite: SPAN-2113, SPAN-2123 or the equivalent with the permission of the instructor.

A survey of Spanish literature based on selected passages and short works. This course is normally offered as independent study and only by permission of the instructor.

3223 HISPANIC CIVILIZATION

Prerequisites: SPAN-2113, SPAN-2123 or the equivalent with the permission of the instructor.

An overview of Spanish-speaking civilizations through geography, history, art, architecture and music. The course features lecture, discussion, and composition in Spanish. This course is normally offered in the fall semester of odd numbered years.

4113 STUDIES IN SPANISH LITERATURE

Prerequisite: SPAN-2123.

A study of major authors, works, and movements in Spanish literature. This course may be repeated as the content is changed. This course is normally offered in the spring semester of even numbered years.

4213 STUDIES IN LATIN AMERICAN LITERATURE

Prerequisite: SPAN-2123.

A study of the major authors, works and movements in Latin American literature. This course may be repeated as the content is changed. This course is normally offered in the spring semester of or odd numbered years.

4313 ADVANCED GRAMMAR AND COMPOSITION

Prerequisite: SPAN-2123.

A survey of the Spanish language and its grammatical system, with specific attention to those skills required for advanced language proficiency. This course is normally offered in the fall semester of even numbered years.

4413 ADVANCED SPANISH CONVERSATION

Prerequisite: SPAN-2123.

Guided development in oral proficiency, emphasizing pronunciation, vocabulary development, and mastery of complex structures and public presentations. This course is normally offered as independent study and by instructor permission only.

4513 SPANISH LINGUISTICS

Prerequisite: SPAN-2123.

A study of the history of the Spanish language, its phonemic, morphemic and syntactical features and its dialectal applications in Spain, Latin America, and the United States. This course is normally offered every other fall semester of even-numbered years.

4613 ADVANCED CONVERSATION AND GRAMMAR

Prerequisite: SPAN-2123.

An intense review of the grammatical concepts of Spanish with a focus on applying them in conversation and oral presentations. Pronunciation and vocabulary development will be emphasized as well. This course is normally offered every other spring semester of even-numbered years.

4623 SENIOR SEMINAR FOR SPANISH

Prerequisites: Senior standing and departmental approval

A capstone course giving Language and Literature majors the opportunity to synthesize previous work, to interact with the faculty at an advanced level and to practice research skills in preparation for graduate school or for entry into their profession. This course is normally offered every semester. It is recommended that students take it their last or second to last semester.

4711 SPANISH IMMERSION LAB

Prerequisite: SPAN-2123, four years of high school Spanish or the equivalent with permission from the Instructor.

An Intense Spanish conversation and Hispanic culture course. This course is normally offered every semester.

4813 TOPICS IN HISPANIC LITERATURE I, II OR III

Three advanced, in-depth self-paced studies of a particular area of Spanish history literature offered on a rotating basis, one per summer.

4900 INDEPENDENT STUDY

A reading, research or writing project related to a student's special interest or need. May be taken only by juniors or seniors with approval of the departmental chair. This course is offered as needed.

Retroactive Credit for Foreign Language – See page 45.

STUDENT DEVELOPMENT (SDEV)

0103 INTERMEDIATE ALGEBRA

Designed for students with a math ACT score of 22 or below in preparation for one of the three mathematics courses which satisfy the university's core curriculum requirements. This course reviews high school algebra including polynomials, equation solving and graphing. This course is graded with a (P) Passing or (NP) No Passing grading system. This course does not satisfy the core curriculum mathematics requirements. This course is normally offered every semester.

0123 DEVELOPMENTAL WRITING

A grammar and writing course designed to develop the basic skills necessary for successful college study. The course may be required as a prerequisite to ENGL-1123-Communication I: Written Communication depending on the student's ACT verbal scores or other equivalent measures. This course is graded with a (P) Passing or (NP) No Passing grading system. Students enrolled in SDEV-0123 must make a P (Passing) in order to enroll in ENGL-1123-Communication I: Written Communication. Not applicable for credit in major or minor. This course is normally offered every semester.

0133 PREPARATION FOR COLLEGE CHEMISTRY

A study of math and logic skills required to understand and master scientific principles, and application of these skills to chemistry problems. Does NOT satisfy ANY core requirement. Lecture -- 3 hours. This course normally offered in the fall semester and in the summer.

1101 FRESHMAN SEMINAR

This course will focus on formulating strategies for making the most of a Christian education by becoming fully involved in the learning community, by developing healthy relationships, and by forming a positive foundation for their future. It is required for all students with fewer than 32 semester hours. This course is normally offered every semester.

1102 PERSONAL AND PROFESSIONAL STRATEGIES FOR SUCCESS

A comprehensive course designed to assist students to maximize their success at the university and after graduation. Time management, conflict resolution, career exploration and preparation, and learning styles and strengths will be covered. In addition to in-class activities, students will participate in peer mentoring and other enhancement activities. This course is normally offered every semester.

1201 SOFTWARE FUNDAMENTALS

Fundamentals of a software program. Content may include Word, FrontPage, PowerPoint, Excel, and Access. This course is normally offered every semester.

3111 LEADERSHIP SEMINAR

A study of the definitions of leadership, leadership skills and models of leadership in scriptures, politics, and business. Practical applications of leadership principles to the OC social club system, including daily administration of the club system through Inter-Club Council (ICC). Seminar is open only to the presidents of social service clubs. This course is offered as needed.

YOUTH MINISTRY AND FAMILY MINISTRY (YTMN)

2123 COUNSELING ADOLESCENTS

An introductory class of current problems that adolescents face in American culture (e.g., self-acceptance, peer pressure, friendship and dating, pregnancy, anorexia nervosa, music, drugs and drinking, sexual acting out). The class will involve reading, listening, and dialoging with guest speakers from the field, listening to and discussing lectures, critiquing videos, and participating in and critiquing simulations in the classroom from biblical and practical perspectives. Field visits to the juvenile court system and interviews with local youth ministers will allow students to compare classroom instruction with the real world of adolescents. A brief introduction to family systems will be included. This course is normally offered in the fall semester.

2213 INTRODUCTION TO YOUTH AND FAMILY MINISTRY AS A PROFESSION

An introduction to the field of study in youth and family ministry. Emphasis will be given to the private and the professional aspects of this profession. Some private issues such as spiritual disciplines, health, family relationships, and personality type will be discussed. Professional issues centering on ethics, integrity, sexuality, education, job skills, leadership, youth ministry tools and resources, teaching, youth and family ministry as a lifetime career, and others will be discussed as well. Concepts will be given to students to begin developing a philosophy of youth and family ministry. Field trips to different parts of Oklahoma City/Edmond will be required for students to interview people in several different contexts working in this profession. This course is normally offered in the spring semester.

2233 EXPERIENTIAL TEACHING METHODS IN THE OUTDOORS

An introduction to teaching adolescents using experiential teaching methods used in outdoor adventure learning. Emphasis will be given to the preparation and presentation of object lessons in the outdoors using biblical texts. Students will work in groups to plan and carry out a 2-3 day outdoor adventure. Interviews with camp directors and team building organizations will give students up-to-date experience in contemporary settings where adolescents might experience outdoor learning opportunities. This course is normally offered in the fall semester.

3113 EVANGELISM, DISCIPLESHIP, AND SPIRITUAL FORMATION WITH ADOLESCENTS

Students will study and explore methods of evangelism particularly effective with adolescents. One-on-one Bible studies, small group Bible studies, and large evangelistic group meetings will be evaluated for effectiveness in today's culture. Emphasis will be given to the process of spiritual formation within the family before and after the conversion experience. Methods of discipleship will be explored and practiced during the course. Students will develop a presentation of their own faith story and work on their own continuing spiritual formation. This course is normally offered in the spring semester.

3203 MODELS AND PROGRAMMING IN YOUTH MINISTRY

This course introduces the student to the current models of youth ministry and programming (i.e., PDYM, Cells, Relational, Young Life, FCA, Sonlife, K-Life). Philosophies of the different models will be discussed allowing the student to integrate a model(s) into his/her philosophy of ministry. Types of programming will be discussed that fit one or several of the models. Students will present a one-year program of activities and learning opportunities for adolescents using the student's chosen model and philosophy. Students will volunteer to work in a ministry that fits closely with the one(s) that they choose as a model. This course is normally offered in the spring semester.

3222 RELIGIOUS EDUCATION OF CHILDREN

A study of the age characteristics, motivational principles, learning methods and curriculum for teaching the Bible to children from birth to age 12. This course is normally offered every semester. (Same as BIBL-3222 and RLED-3222.)

3612 SPIRITUAL DEVELOPMENT OF CHILDREN

A study of the spiritual development of children as it applies to both churches and parents. Study will focus on how Scripture, tradition, reason, and experience are connected in shaping a child's spiritual development. Through reading, interviewing, and assignments students will learn first-hand how to better equip churches and parents to fulfill this role. (Same as RLED-3612.) This course is normally offered in the fall semester of even numbered years.

4113 ADOLESCENT CULTURE

This course will provide information and learning experiences for students in the areas of adolescent spirituality, media influence, and overall cultural influences that affect the lives of adolescents. The course will focus on how a biblically-grounded spirituality can provide answers to the issues that adolescents face in our culture today. Fowler's Stages of Faith and research from The National Study of Youth and Religion will be used as a backdrop along with scripture to develop a working profile of adolescent spirituality. The use of audio and video media as well as the special moral problems of media and the effects media has on adolescents will be examined. This course is normally offered in the fall semester.

4313 VOLUNTEERS, PARENTS, AND STAFF IN YOUTH AND FAMILY MINISTRY

This course will equip students to carry out Ephesians 4:11-13. Effective youth and family ministry requires help. Students will learn how to recruit and train volunteers. Equipping parents to do their God-given job (Deuteronomy 6:4-9) will be given priority in the course. Relationships with paid and volunteer staff will be discussed. Students will be required to volunteer at a local church during the semester in the youth and family ministry. (Same as RLED-4313.) This course is normally offered in the spring semester.

4822 YOUTH MINISTRY INTERNSHIP

Prerequisites: BIBL-2713, one Youth Ministry class, and at least a sophomore standing. Students will work with a local church (or other approved organization working with adolescents with a spiritual emphasis) to gain experience in practical programming for ministry to middle and/or high school students. Students will be evaluated by an approved supervisor (youth minister, preacher, elder, deacon) at the church and an assigned field supervisor from the university. This course is normally offered every semester.

4823 YOUTH MINISTRY-TEACHING PRACTICUM

Prerequisite: RLED-4213. Students will work with a local church during the spring or summer semester teaching middle or high school students a 13-week curriculum (Wednesday night or Sunday morning) approved by the church leaders. Students will be evaluated by an approved supervisor (youth minister, preacher, elder, deacon) at the church and an assigned field supervisor from the university. This course is normally offered in the spring and summer semesters.

4830 SPECIAL STUDIES IN YOUTH MINISTRY

Content varies. Course may be repeated. (1-3 hours) This course is offered as needed.

4900 INDEPENDENT STUDY IN YOUTH MINISTRY

Assigned readings, reports or projects based on the needs of the individual student. Normally taken only by juniors or seniors with approval of the dean of the college. (1-3 hours) This course is offered as needed.

CALENDAR

2011 FALL SEMESTER

August 20	Saturday	Residence halls open at 1:00 pm
August 29	Monday	Classes begin for the Fall semester
September 5	Monday	Last day to add classes and for new enrollment
September 23	Friday	Last day to drop a class without a "W" on the transcript
October 11	Tuesday	Six weeks progress reports due at noon
October 20-21	Thursday-Friday	Fall Break
October 24-28	Monday-Friday	Senior pre-enrollment, Registrar's Office
October 31-November 4	Monday-Friday	Junior pre-enrollment, Registrar's Office
November 4-5	Friday-Saturday	Homecoming Weekend
November 7-11	Monday-Friday	Sophomore pre-enrollment, Registrar's Office
November 14-18	Monday-Friday	Freshman pre-enrollment, Registrar's Office
November 18	Friday	Last day to drop a class with a "W" on the transcript or withdraw
November 23-25	Wednesday-Friday	Thanksgiving holiday, no classes, offices closed
December 12-15	Monday-Thursday	Final Exam Week
December 16	Friday	Commencement
December 20	Tuesday	Grades due at noon for Fall semester

2012 SPRING SEMESTER

January 7	Saturday	Residence halls open at 1:00 pm
January 9	Monday	Classes begin for Spring semester
January 16	Monday	Last day to add classes and for new enrollment
February 3	Friday	Last day to drop a class without a "W" on the transcript
February 21	Tuesday	Six weeks progress reports due
March 2-3	Friday-Saturday	Spring Visit / Spring Sing
March 5-9	Monday-Friday	Senior pre-enrollment, Registrar's Office
March 12-16	Monday-Friday	Spring Break
March 19-23	Monday-Friday	Junior pre-enrollment, Registrar's Office
March 26-30	Monday-Friday	Sophomore pre-enrollment, Registrar's Office
April 2-6	Monday-Friday	Freshman pre-enrollment, Registrar's Office
April 6	Friday	Last day to drop a class with a "W" on the transcript or withdraw
April 23-26	Monday-Thursday	Final Exam Week
April 27	Friday	Commencement
May 1	Tuesday	Grades due at noon for Spring semester

2012 SUMMER SEMESTER

May 1	Tuesday	Classes begin
August 17	Thursday	Classes end
August 21	Tuesday	Grades due at noon for Summer semester

INDEX

Absences.....	30	Chemistry, Department of.....	54-55	English, Pre-Law Curriculum	62
Academic Alert.....	23	Child Development Courses.....	95	Enrollment Dates.....	124
Academic Appeals.....	24	Child Development Curriculum.....	71	Equal Opportunity.....	2
Academic Assistance.....	34	Chorale.....	10, 113	European Studies Program.....	35
Academic Good Standing.....	23	Church History Curriculum.....	46	Expenses.....	18-19
Academic Honesty Policy.....	23	Class Attendance.....	30	Extracurricular Credit.....	26
Academic Honors.....	24	Classification of Students.....	23	Facilities.....	6
Academic Organizations.....	9-10	CLEP Tests.....	26-27	Facts at a Glance.....	1
Academic Probation.....	23	Clubs.....	9-10	Faculty.....	6, 13-16
Academic Scholarships.....	22-36	Communication Courses.....	95-98	Family Educational Rights.....	25
Academic Status.....	23	Communication Curriculum.....	56-58, 69-70	Family Studies Courses.....	105-106
Academic Suspension.....	23	Communication, Department of.....	56-58	Family Studies Curriculum.....	67-68, 71
Academic Year.....	6	Communication Design Curriculum.....	50, 68-69	Federal Financial Aid Programs.....	20-21
Academics.....	10, 22-27	Computer Literacy.....	32	Federal Work Program.....	20
Accounting Courses.....	87	Computer Engineering Courses.....	98	Fees.....	18-19
Accounting Curriculum.....	74-75, 85	Computer Engineering Curriculum.....	82-83	Finance Courses.....	106
Accreditation.....	2	Computer Science Courses.....	98-99	Finance Curriculum.....	75, 85
ACT.....	26-27	Computer Science Curriculum.....	79, 86	Financial Aid.....	6, 18-21
Adding a Class.....	26	Core Curriculum Requirements.....	30-33	Financial Information.....	18-19
Administrative Officers.....	13	Core Values.....	4	Fine Arts Courses.....	106
Admission Requirements.....	22-23	Costs.....	18-19	Foreign Language Courses.....	106-107, 109, 121-122
Advanced Placement (AP).....	28	Council of Christian Colleges and Universities Programs.....	35	Foreign Language Credit, Retroactive.....	29
Air Force / ROTC.....	21, 29	Counseling.....	9	Forensic Science Curriculum.....	55
Alternative Certification.....	85-86	Covenant.....	5	French Courses.....	106
Apartments.....	9, 18-19	Creative Writing Courses.....	104	Freshman Year.....	7
Army / ROTC.....	21, 29	Credit by Examination.....	26, 29	Gaming and Animation Curriculum.....	50-51, 69
Art and Culture Curriculum.....	50	Culture Courses.....	99-100	GED.....	22
Art and Design Courses.....	87-90	Creative Media Curriculum.....	56-57	General Business Curriculum.....	75, 86
Art Curriculum.....	49, 68	Deans' List.....	24	General Fee.....	19
Art and Design, Department of.....	49-52	Degree Programs.....	33-34	General Information (At a Glance).....	6-11
Arts and Sciences, College of.....	47-71	Dentistry, Pre-Medical.....	53	General Science Courses.....	106-107
Associate Degree, transfer.....	32-33	Departmental Abbreviations.....	39	Geography Courses.....	107
Athletics.....	8	Design Courses.....	88-90	German Courses.....	107
Auditing Courses.....	23	Developmental Writing.....	34, 122	Good Standing.....	23
Baccalaureate Degree Requirements.....	33-34	Devotionals.....	7	Grade Appeals.....	24-25
Bible Courses.....	90-92	Dormitories.....	8, 18	Grading System.....	23-25
Bible Curriculum.....	42-46	Double Major.....	33	Graduate Bible Curriculum.....	23, 46
Bible and Ministry Curriculum.....	42-43	Drama.....	10	Graduate Honors.....	24
Biblical Language Curriculum.....	46	Drama Ministry Minor.....	69-70	Graduate Studies.....	23, 46, 76, 82
Biblical Studies, College of.....	41-46	Dramaturgy Minor.....	70	Graduation Requirements.....	33-34
Biochemistry Courses.....	94-95	Dropping a Class.....	25-26	Grant Programs.....	20
Biochemistry Curriculum.....	54	Eagle Cable.....	10	Greek Courses.....	107
Biology Courses.....	92-94	Eagle Community Clinic.....	9	Health Service.....	9
Biology Curriculum.....	52-53, 69	Eagle Radio.....	11	Hebrew Courses.....	107
Biology, Department of.....	52-53, 69	Eagle Sports.....	11	History and Political Science, Department of.....	59-61
Biology, Science Education Curriculum.....	53	Eagle Video.....	11	History Courses.....	107-108
Board and Room Charges.....	18-19	Early Childhood Courses.....	100	History Curriculum.....	59-60, 70
Board of Trustees.....	12	Early Childhood Education Curriculum.....	77	History, Pre-Law Curriculum.....	59-60
Bookstore.....	9	Earn Your Wings.....	7	Holidays.....	124
Botany Courses.....	92	Economics Courses.....	100	Homeschool Students.....	22
Bridge Program.....	34	Education Courses.....	100-101	Honor Roll.....	24
Business Administration Courses.....	94	Education Curriculum.....	76-78, 85-86	Honors Courses.....	109
Business Administration, School of.....	74-76	Education, School of.....	76-78, 85-86	Honors Program.....	40
Business Core Courses.....	74	Electrical and Computer Engineering, Department of.....	82-83	Housing.....	8-9, 18-19
Calculus Courses.....	111	Electrical Engineering Courses.....	101-102	Ibaraki Exchange Program.....	35
Calendar.....	124	Electrical Engineering Curriculum.....	83	Independent Study Credit.....	26
Campus Police.....	9	Electronic Media Curriculum.....	56-57	Indian Affairs, Bureau of.....	21
Capsule Information.....	6	Elementary Education Courses.....	102-103	Information Systems Curriculum.....	79-80, 86
Career Services.....	6-7	Elementary Education Curriculum.....	77	Information Systems Courses.....	109
Cascade College.....	7	Engineering Minor.....	86	Interactive Multimedia Curriculum.....	57, 69
Challenge Exams.....	29	Engineering, School of.....	79-84, 86	Intercollegiate Athletics.....	8
Chamber Singers.....	10, 114	Engineering Science Courses.....	103	Interior Design Courses.....	87-90
Chapel.....	7	English Courses.....	103-105	Interior Design Curriculum.....	51, 69
Cheerleaders.....	8	English Curriculum.....	62, 71		
Chemistry Courses.....	94-95	English Education.....	63		
Chemistry and Physics Curriculum.....	54-55, 69				

Interdisciplinary Studies Curriculum	61, 70	OC Graduate	6	Size	1
International Baccalaureate	29	Oklahoma City	7	Social Science Minor	70
International Business Curriculum	75, 85	Optometry, Pre-Medical	53	Social Service Clubs	9
International Programs	7, 35-36	Orchestra	10, 114	Social Studies Education Curriculum	60-61
International Students	7, 22	Organizational Communication Curriculum	58, 69	Sociology Courses	120-121
International Studies Courses	109	Organizations	9-11	Soundings	10
International Studies Minor	70	Osteopathy, Pre-medical	53	Spanish Courses	121-122
Intramural Activities	8			Spanish Curriculum	63-64, 70
		Pacific Rim Program	35	Spanish Proficiency	64, 86
Japanese Courses	109	Parent Loan for Undergraduate Students (PLUS)	20	Special Fees	18-19
Jazz Ensemble	10, 113	Payment Plans	19	Sport, Wellness, and Recreation Curriculum	78
Jobs, Placement	6	Performing Arts Management Curriculum	61	String Ensemble	10, 114
Journalism Courses	95-98	Pharmacy, Pre-Medical	53	Student Development Courses	34, 122
Journalism Curriculum	58	Philosophy Courses	116	Student Government	10
		Photography + Video	51-52, 69	Student Life	9
Language and Culture Institute	7, 34-35	Photography Courses	88-90, 96	Student Newspaper	11, 95
Language and Literature, Department of ...	62-64, 70-71	Physical Education Courses	116-117	Students with Disabilities	25, 34
Laundry	8	Physical Science Courses	106-107	Study Abroad Programs	7, 35-36
Learning Disabilities	25, 34	Physical Sciences Minor	69	Sweat Band	10
Library	8	Physical Science, Science Education Curriculum	53	Symphonic Band	10, 113
Literature Courses	103-105	Physical Therapy, Pre-Medical	53		
Loan Programs	19-20	Physics Courses	118	Take Flight	7
Local Congregations	7	Piano Instruction	114-115	Talon	11
		Plagiarism	24	Teacher Education Courses	100-101
Mail Service	9	Podiatry, Pre-Medical	53	Teacher Education Curriculum	76-77
Management Courses	110	Political Science Courses	118-119	Teacher Education Minor	85
Management Curriculum	75, 85	Political Science Curriculum	60, 70	Teaching English as a Foreign Language Courses	103-105
Marketing/Management Curriculum	75-76	Preaching Ministry	43-44	Teaching English as a Foreign Language Curriculum	62, 70
Marketing/Management Courses	110	Pre-Law Curriculum	59-60, 62	Television Courses	95-98
Marketing Minor	85	Pre-Medical Curriculum	53	Theater Courses	95-98
Married Students	9, 19	Pre-Professional Programs	53	Theater Curriculum	59, 61, 69-70
Mass Communication Curriculum	56-57, 69	President's List	24	Title IX	2
Master of Business Administration	23, 76	Privacy Act	25	TOEFL Test	22, 66
Master of Science in Engineering	23, 82	Professional Education Courses	100-101	Transcripts	22, 29, 32-33
Mathematical, Computer, and Information Systems, Department of	79-81	Professional Education Curriculum	77-78, 85	Transfer Credits	32-33
Mathematics and Computer Science Curriculum	80-81	Professional Studies, College of	72-86	Transfer Students	22, 31-33
Mathematics Courses	34, 110-111	Programming Courses	98-99	Tuition	18-19
Mathematics Curriculum	80-81, 86	Psychology Courses	119-120		
Mathematics Education	80-81	Psychology Curriculum	68, 71	Unclassified Students	23
Mechanical Engineering Courses	111-112	Psychology and Family Studies, Department of	67-68, 71	University Village	9, 18-19
Mechanical Engineering Curriculum	83-84	Public Relations Curriculum	57-58	University Chamber Orchestra	10, 114
Mechanical Engineering, Department of ...	83-84	Publications, Student	10-11	University Loans	20
Media Management Curriculum	56			University of Central Oklahoma	29
Media Production Minor	69	Radio	11, 95		
Medical Technology Courses	112	Radio/TV Courses	11, 95-98	Veterans' Benefits	21, 30
Medical Technology Curriculum	52-53	Radio/TV Curriculum	56-58	Veterinary Medicine, Pre-Medical	53
Military Science Minor	70	Recreation	9	Vision	4
Ministry Curriculum	42-46	Refund Policy	19-20	Vocational Ministry	45-46
Mission Statement	4	Regulations	8	Vocational Rehabilitation	21
Mission Work	7	Religious Activities	7	Voice Instruction	113
Missions Courses	112-113	Religious Education Courses	120	Work Study, Federal	20
Missions Curriculum	43, 46	Religious Education Curriculum	44-46	Writing Courses	34, 104-105
Mobile Computing Program	8	Residence Halls	8, 18	Writing Curriculum	62-63, 71
Music Courses	113-115	Retroactive Credit for Language	29	Writing Development	34, 122
Music Curriculum	64-65, 71	Room and Board Charges	18-19		
Music, Department of	64-66, 71	ROTC	21, 29	Youth Ministry and Family Ministry Courses ...	122
Music Education Courses	113-115			Youth Ministry Curriculum	45
Music Education Curriculum	65-66, 78	SAT	26		
Music Groups	10, 1133-115	Schedule Changes	25-26		
		Scholarships	20-21		
National Merit Scholars	20	Science Education Curriculum	53		
Non-Textual Bible Curriculum	46	Second Baccalaureate Degree	33		
Nursing Courses	115-116	Secondary Education Curriculum	76-77		
Nursing Curriculum	66-67	Security	9		
Nursing, Department of	66-67	Service Organizations	9		

CAMPUS MAP

Oklahoma Christian University, 2501 E. Memorial Road, Edmond, OK 73013

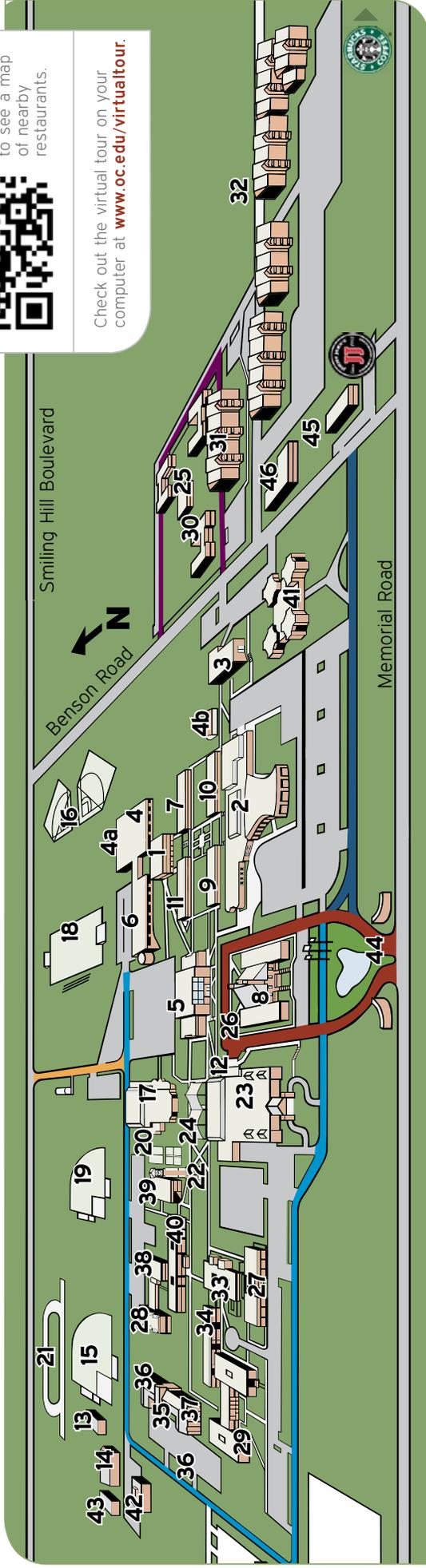


OKLAHOMA CHRISTIAN UNIVERSITY



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ACADEMICS

- 1** Davison American Heritage Building
 - Dept. of History & Political Science
 - Dept. of Psychology & Family Studies
 - School of Education
- 2** Garvey Center
 - College of Arts and Sciences
 - Dept. of Art & Design
 - Dept. of Communication
 - Dept. of Music
 - Hardeman Auditorium
 - Judd Theatre / Recital Hall
 - McIntosh Conservatory / Box Office
- 3** Harvey Business Center
 - Graduate School of Business
 - School of Business Administration
- 4** Herold Science Hall
 - Dept. of Biology
 - Dept. of Chemistry & Physics
- 4a** Noble Science Wing
 - Kim Gaither Center for Biology
- 4b** Dept. of Nursing
 - Mabee Learning Center
- 5** **First Floor**
 - Beam Library
 - Career Services
 - Office of Academic Affairs
- Second Floor**
 - Archives
 - Executive Offices
 - Advancement
 - Alumni
 - Marketing
 - Office of the President

• Dept. of Language and Literature

- Honors Program
- Third Floor**
 - Children's Library
 - Library Research
 - North Institute
- 6** Prince Engineering Center
 - Graduate School of Engineering
 - School of Engineering
 - Electrical & Computer
 - Math, Computer, & Info. Sciences
 - Mechanical
- 7** Vose Hall - Mabee Laboratories
- 8** Williams-Branch Center for Biblical Studies
 - College of Biblical Studies
 - Scott Chapel
- ADMINISTRATION / OFFICES**
- 9** Benson Hall
 - Business Office
 - Executive Vice President
 - Events
 - Human Resources
 - Office of Finance
 - Cogswell-Alexander Hall
- 10** Cogswell-Alexander Hall
 - Bridge Program
 - Help Desk
 - Information Technology Services
 - Registrar
- 11** Gaylord Hall
 - Admissions
 - Student Financial Services
 - Telecounseling
- 12** Student Life Office (in Univ. Center)

ATHLETICS

- 13** Bobby Murcer Indoor Training Facility
- 13a** MidFirst Bank Plaza
- 14** David Smith Athletic Center (The Barn)
- 15** Dobson Baseball Field
- 16** Jackson Family Intramural Fields
- 17** Payne Athletic Center
 - Dept. of Athletics
 - Dept. of Physical Education
 - Fitness Center / Swimming Pool
- 18** Soccer Field
- 19** Softball Field
- 20** Tennis Courts - Sand Volleyball
- 21** Vaughn Track

HANGOUTS & RECREATION

- 22** Freede Centennial Tower
- 23** Gaylord University Center
 - Bookstore
 - Student Life Office
 - Gaylord Room
 - Gotcher Room
 - Counseling Center
 - Information Desk
 - Mail Center
 - Student Government Association
 - University Dining
- 24** Lawson Commons / McGraw Pavilion
- 25** Nowlin Center
- 26** Thelma Gaylord Forum

LIVING QUARTERS

- 27** Honors House at Davison Hall
- 28** Falls Hall
- 29** Gunn-Henderson Hall

30 University Village Phases 2-3-4

- 31** McNally House
- 32** University Village Phase 6 (A-B-C-D)
- 33** Tinius Hall East
- 34** Tinius Hall West
 - Residence Life Office
- 35** University House Guest Room
- 36** University House North
- 37** University House South
- 38** Warlick Hall
- 39** Wilson Hall East
- 40** Wilson Hall West

OTHER

- 41** Enterprise Square
 - Academy of Leadership & Liberty
 - Give A Goat / Wishing Well
- 42** Central Plant
- 43** Physical Plant Services
- 44** Main Entrance
- 45** Heritage Village
 - Campus Police
 - The Christian Chronicle
 - University Operations and Services
- 46** Heritage Plaza
 - Eagle Community Clinic
 - International Programs

STREET NAMES

- LR Wilson Way
- Baird Loop
- Johnson Drive
- Jacobs Court
- Presidential Road





 OKLAHOMA CHRISTIAN UNIVERSITY

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