



[2010 – 2011]
CATALOG

ORU
ORAL ROBERTS UNIVERSITY



ORAL ROBERTS UNIVERSITY

**Dedicated to being the leading academic institution
serving the interdenominational Body of Christ
and reaching out to every person's world
with a message of healing,
wholeness, and abundant living**

Editors

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**Oral Roberts University Catalog
Volume 29, no. 3
2010-2011
Oral Roberts University
Tulsa, OK 74171**

2010-2011 Catalog

This catalog is designed to provide information for students considering a university career and ORU, current students, and others who are interested in the programs of this leading academic institution serving the inter-denominational Body of Christ.

Students having questions that are not answered in this publication may address specific questions to the Office of Admissions:

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1(800) 678-8876
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More information is available at <http://www.oru.edu/admissions>.

Programs from the following ORU colleges are contained in this catalog:

College of Arts and Cultural Studies (undergraduate)
College of Business (undergraduate and graduate)
College of Education (undergraduate and graduate)
Anna Vaughn College of Nursing (undergraduate)
College of Science and Engineering (undergraduate)
College of Theology and Missions (undergraduate and graduate)
Distance Learning (undergraduate)

Although this catalog was prepared on the basis of the best information available at the time, all information (including the academic calendar, admission and graduation requirements, course offerings and descriptions, and statements of tuition and fees) is subject to change without notice or obligation.

Oral Roberts University admits students without regard to race, color, sex, age, disability, national origin, or status as a veteran.

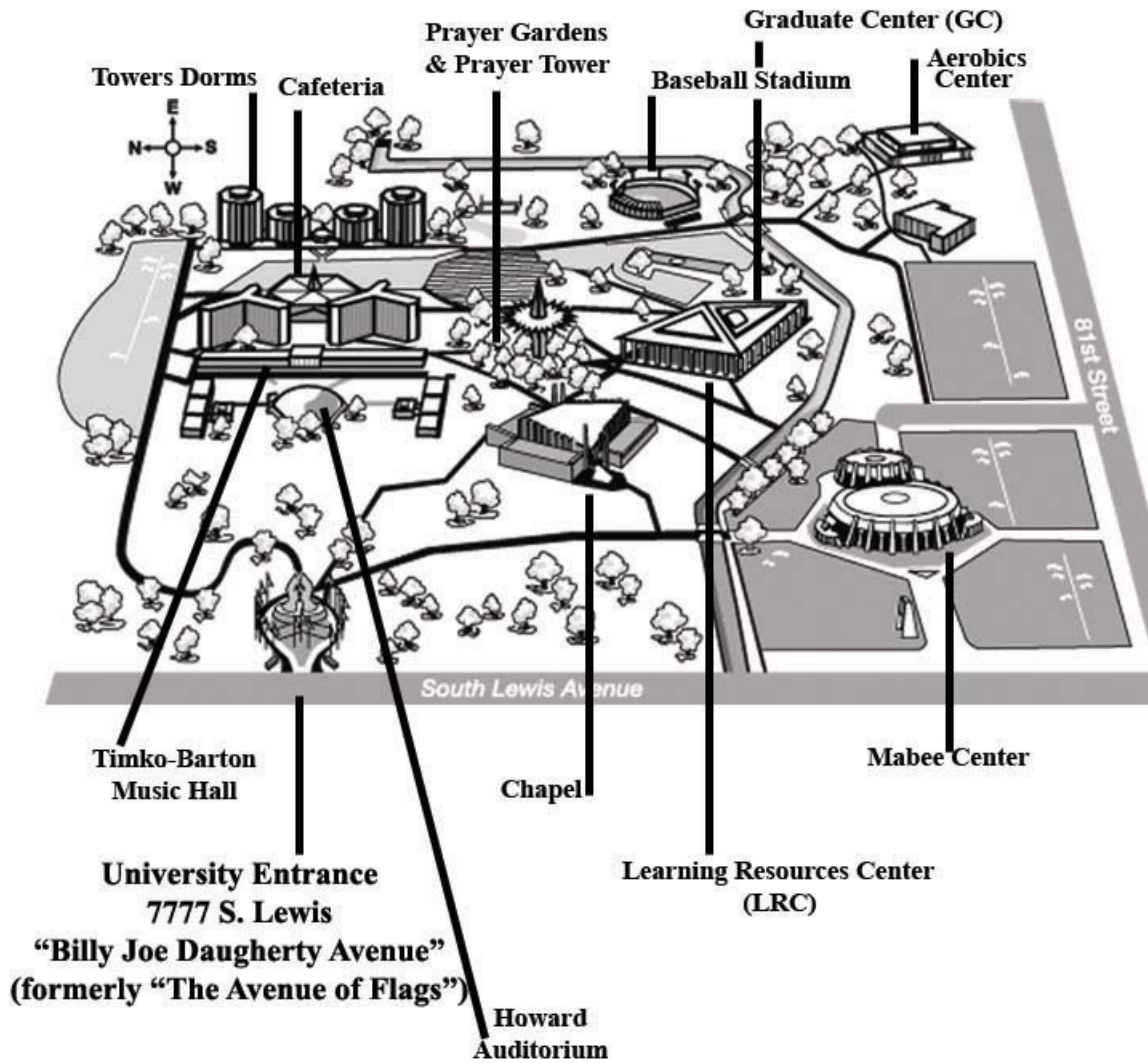
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Oral Roberts University

Campus Map



ORAL ROBERTS UNIVERSITY

CALENDAR OF ACADEMIC EVENTS

FALL SEMESTER 2010

<i>Date</i>		<i>Event</i>
Saturday	August 7	New student move-in (HARBOR 2014)
Monday - Wednesday	August 9 – 11	Registration
Thursday	August 12	Classes begin
Wednesday	August 25	Last day to enroll or add classes/sections
		Last day to request pass/fail option
		Last day to withdraw without recording
		Last day to change from credit to audit
Monday	September 6	Labor Day – No classes
Monday	October 4	Group advisement meeting
Monday - Friday	October 4 – 8	Spring and summer 2011 advisement and enrollment week
Friday	October 8	Fall break begins after last class
Monday	October 18	Classes resume at 7:50 a.m.
Wednesday - Thursday	October 20 – 21	Fall Revival – No classes Wednesday;
		Classes resume at 1:00 p.m. on Thursday, October 21
Thursday	November 4	Last day to withdraw while passing
Tuesday	November 23	Thanksgiving vacation begins after last class
Monday	November 29	Classes resume at 7:50 a.m.
Monday - Friday	Nov. 29 – Dec. 3	Spring and summer 2011 registration week
Friday	December 3	Fall classes end
Saturday	December 4	Fall examinations begin
Friday	December 10	Fall examinations end

SPRING SEMESTER 2011

Monday	January 3	New and returning student move-in
Tuesday	January 4	New student orientation (HARBOR)
Tuesday	January 4	Classes begin
Monday	January 17	Martin Luther King Day – No classes
Tuesday	January 18	Last day to enroll or add classes/sections
		Last day to request pass/fail option
		Last day to withdraw without recording
		Last day to change from credit to audit
Monday	February 21	Group advisement meeting
Monday – Friday	February 21 – 25	Summer and fall 2011 advisement and enrollment week
Friday	March 11	Spring break begins after last class
Monday	March 21	Classes resume at 7:50 a.m.
Wednesday	March 30	Last day to withdraw while passing
Monday – Friday	April 11 – 15	Summer and fall 2012 registration week
Thursday	April 21	Spring classes end
Friday	April 22	Good Friday – No classes
Saturday	April 23	Spring examinations begin
Friday	April 29	Spring examinations end
Saturday	April 30	Commencement

ORAL ROBERTS UNIVERSITY

CALENDAR OF ACADEMIC EVENTS

ONLINE SUMMER SESSIONS 2011

1st Online Summer Session--May 2-20 Eight-Week Session

Friday	April 29	Last day for 100% refund
Monday	May 2	First day of classes
Friday	May 6	Last day to add classes/sections; last day for 90% refund
		Last day to request pass/fail option or change from credit to audit
		Last day to withdraw without recording
		Last day to validate before being de-enrolled.
Friday	May 13	Last day for 50% refund
Wednesday	May 25	Last day for 25% refund; no refund after May 25
		Last day to withdraw while passing
Friday	June 24	Last day of classes

2nd Online Summer Session--June 27-August 19 Eight-Week Session

Friday	June 24	Last day for 100% refund
Monday	June 27	First day of classes
Friday	July 1	Last day to add classes/sections; last day for 90% refund
		Last day to request pass/fail option or change from credit to audit
		Last day to withdraw without recording
		Last day to validate before being de-enrolled.
Friday	July 8	Last day for 50% refund
Wednesday	July 20	Last day for 25% refund; no refund after July 20
		Last day to withdraw while passing
Friday	August 19	Last day of classes

THE UNIVERSITY

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William Wilson, *Vice Chair*
Glenda Payas, *Secretary*
Jay A. Betz, *Treasurer*

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and Co-Founder, L.A. Dream Center
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Co-Pastor, L.A. Dream Center
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Apostolic Leader, 5Fold Network
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Cliff Taulbert.....President, Fremont Corporation
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Marcos Witt.....Founder/CEO, CanZion Group
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George Wood.....General Superintendent, Assembly of God
Kelly Wright.....Fox News Network

ACCREDITATION

Oral Roberts University is accredited by the Higher Learning Commission and is a member of the North Central Association (NCA), 30 North LaSalle, Suite 2400, Chicago, Illinois 60602-2504, 312-263-0456 or 800-621-7440; <http://www.ncahlc.org>.

Oral Roberts University is recognized by the Oklahoma State Regents for Higher Education.

Oral Roberts University Anna Vaughn College of Nursing is accredited by the Commission on Collegiate Nursing Education (CCNE), One Dupont Circle, NW Suite 530, Washington, D.C. 20036-1120, (202) 887-6791 and is approved by the Oklahoma Board of Nursing. The Social Work program of the Behavioral

Science Department is accredited by the Council on Social Work Education (CSWE).

Oral Roberts University is an accredited institutional member of the National Association of Schools of Music (NASM).

The Oral Roberts University College of Theology and Missions is accredited by the Association of Theological Schools (ATS) in the United States and Canada.

The ORU College of Business is accredited by the Association of Collegiate Business Schools and Programs (ACBSP) for both the baccalaureate and master level programs.

The engineering major (with electrical engineering, computer engineering, and mechanical engineering concentrations) in the Engineering, Computer Science, Physics, and Mathematics Department is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET).

The College of Education is accredited by the National Council for Accreditation of Teacher Education (NCATE) and the Oklahoma Commission for Teacher Preparation (OCTP). The State Department of Education issues licenses and certificates for teacher education. The College of Education is a member of both the American Association of Colleges of Teacher Education (AACTE) and the Association of American Colleges (AAC).

AFFILIATIONS

International Extension/Affiliation

As a Christ-centered university for the education of the whole person ... reaching out to every person's world with a message of healing, wholeness, and abundant living, Oral Roberts University has expanded its reach into every person's world by providing an evangelical Christian liberal arts education in Europe on the campus of Livets Ord Theological Seminary (LOTS) in Uppsala, Sweden.

ORU offers certain bachelor's degrees at the campus in Sweden. The curriculum of the ORU extension is the same as that of the home campus with some exceptions peculiar to the locale (e.g., Swedish history).

The ORU site at Livets Ord requires the same qualifications as the home campus in Tulsa. Admissions and academic records are maintained by the home campus staff working closely with their counterparts at Livets Ord. LOTS, in order to have the site on their campus, accepts all financial obligations and thus, is responsible for determining fees and tuition. Upon completion of a degree audit, graduates receive an ORU diploma and transcript with a note that the degree was taken at Livets Ord.

Council for Christian Colleges and Universities

ORU is a member of the Council for Christian Colleges and Universities (CCCCU), an international higher education association of intentionally Christian colleges and universities with 111 members in North America and 70 affiliate institutions in 24 countries. The members represent 28 different denominations. The CCCC mission is "to advance the cause of Christ-centered higher education and to help our institutions transform lives by faithfully relating scholarship and service to Biblical truth." ORU participates in numerous CCCC professional and leadership development programs, in addition to helping students attend CCCC off-campus study programs located throughout the world.

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Major Gift Officer
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West Virginia, Missouri
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Major Gift Officer
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COMMITMENTS

FOUNDING VISION

Oral Roberts University is a charismatic university, founded in the fires of evangelism and upon the unchanging precepts of the Bible. The university was founded as a result of the evangelist Oral Roberts' obeying God's mandate to build a university on God's authority and the Holy Spirit. God's commission to Oral Roberts was to "Raise up your students to hear My voice, to go where My light is dim, where My voice is heard small, and My healing power is not known, even to the uttermost bounds of the earth. Their work will exceed yours, and in this I am well pleased."

MISSION

The mission of Oral Roberts University—in its commitment to the Christian faith—is to educate the whole person in spirit, mind, and body, thereby preparing its graduates to be professionally competent servant-leaders who are spiritually alive, intellectually alert, physically disciplined, and socially adept.

The university seeks to synthesize the best practices of liberal arts, professional, and graduate education with a charismatic emphasis to enable students to go into every person's world with God's message of salvation and healing for the totality of human need.

CORE VALUES

Christian Distinctiveness

We are a God-centered university that upholds a Christian worldview with a charismatic emphasis. We endeavor to live in the power of the Holy Spirit and to become service-oriented leaders who go into every person's world with healing for the totality of human need.

Whole-Person Education

We seek to develop the whole person in spirit, mind, and body, thereby preparing ourselves and our students to be professionally competent leaders who are spiritually alive, intellectually alert, physically disciplined, and socially adept.

Excellence with Integrity

We strive to operate with, and instill in our students, excellence with integrity in all personal, academic, professional, and corporate endeavors.

Caring Community

We are dedicated to providing a safe, caring, and Godly environment that encourages unity in diversity. We believe that all people have been created in the image of God and deserve to be respected.

HONOR CODE LIVING

As essential members of the ORU family, students must clearly recognize that all of us have a desire to further develop and exhibit responsible and mature behavior. That goal is a basic premise of the personal Honor Code.

At ORU, students pledge to endeavor to present a good appearance at all times. In both attire and behavior, students should strive to demonstrate good taste in all instances. The way they present themselves to others is of vital importance to the way others perceive Christ. An individual's conduct should never be an embarrassment to others, but should exemplify the

best qualities of a mature and respectful student. The university's dress code promotes such an attitude. A detailed description of the dress code is available from the Student Development Office.

Additionally, each individual endeavors to maintain high standards in residence-hall living and pledges to avoid theft, removal, or damage to others' personal property or that of the school.

Exemplifying the highest moral commitment, ORU students refrain from profanity, smoking, gambling, alcoholic beverages, dishonesty, illegal drugs, and all behavior that might cause Christ to grieve.

As responsible learners, students should make every effort to be prompt to classes, chapel, worship, and all appointments. Classes, chapel, assemblies, and worship services at local churches are all integral parts of the ORU lifestyle.

ORU students are committed to developing their minds by doing their own academic work. They do not engage in plagiarism, whether accidental or intentional. Plagiarism is the inappropriate use of others' ideas or information, such as using sources without citations or direct quotes without quotation marks. Even paraphrasing or summarizing without giving credit to the original author is considered plagiarism. The ORU website (<http://www.oru.edu/university/library/guides/plagiarism.html>) gives more information and examples of plagiarism.

By providing an example for others in word and deed, each student should encourage others' adherence to the Honor Code. Students should be sure not to incite another's violation of the code and should seek to strengthen the bond of trust at every opportunity.

The students and administration of Oral Roberts University affirm that, regardless of faith, creed, or race, all students admitted to the university must agree to uphold the Honor Code and the rules governing ORU. No time, place, or circumstance gives release from the individual's initial promise. The Honor Code is a way of life, measured by the heart and commitment of each member of the ORU family, and students should regard it as essential to development, not as an imposition or restriction.

The registration process is incomplete until students have formally signed the Honor Code Pledge. The code is in effect as long as the student is enrolled in the university.

Failure to enforce any university policy or rule constitutes a waiver only as to such particular policy or rule and shall not be deemed as a waiver of any other policy or rule.

The Honor Code is the central criterion of conduct for all who are a part of the ORU community. It is a concept of personal honor based on the principles of integrity, common sense, reverence for God, esteem for man, and respect for social and spiritual laws. It is assumed that a student deemed worthy of admission to the university already exemplifies these integral facets of the Christian character.

In accepting and following the Honor Code, students accept responsibility and discipline, which will enhance their moral and spiritual growth. Such qualities should be an inherent part of the ethical code held by an educated individual. In addition, students are protecting and preserving their own reputation, as well as that of their family at the university.

HONOR CODE PLEDGE

In signing the Honor Code Pledge, I fully recognize that Oral Roberts University was founded to be and is committed to being a leading academic institution serving the interdenominational Body of Christ,

offering a lifestyle of commitment to Jesus Christ of Nazareth as personal Savior and Lord. I further recognize that the university's ministry is that of providing a Whole Person education with a charismatic distinctive. It is therefore my personal commitment to be a person of integrity in my attitude and respect for what Oral Roberts University is in its calling to be a Christian university.

1. **I PLEDGE** to apply myself wholeheartedly to my intellectual pursuits and to use the full powers of my mind for the glory of God.
2. **I PLEDGE** to grow in my spirit by developing my own relationship with God.
3. **I PLEDGE** to develop my body with sound health habits by completing the required aerobics program and by participating in wholesome physical activities.
4. **I PLEDGE** to cultivate good social relationships and to seek to love others as I love myself. I will not lie; I will not steal; I will not curse; I will not be a talebearer. I will not cheat or plagiarize; I will do my own academic work and will not inappropriately collaborate with other students on assignments.
5. **I PLEDGE** at all times to keep my total being under subjection from all immoral and illegal actions and communications, whether on or off campus. I will not take any illegal drugs or misuse any drugs; I will not engage in or attempt to engage in any illicit, unscriptural sexual acts, which include any homosexual activity and sexual intercourse with one who is not my spouse through traditional marriage of one man and one woman. I will not drink alcoholic beverages of any kind; I will not use tobacco; I will not engage in other behavior that is contrary to the rules and regulations listed in the *Student Handbook*.
6. **I PLEDGE** to maintain an integrity of openness to God's claims on my life and to do my utmost to know and follow His will for my life.
7. **I PLEDGE** to attend class, all required chapel services on campus, and my choice of a house of worship wherever God is honored and lifted up.
8. **I PLEDGE** to abide by the rules and regulations that may from time to time be adopted by the university administration. I understand Oral Roberts University is a private school that is governed by a Board of Trustees, which has final authority on all matters. I understand that the university reserves the right to require the withdrawal of a student at any time if in the judgment of the president of the university and the University Discipline Committee such action is deemed necessary to safeguard ORU's ideals of scholarship or its spiritual and moral atmosphere as a Christian university.

I will keep the HONOR CODE carefully and prayerfully. I understand that my signature below is my acceptance of the entire Honor Code and completes a contract between me and Oral Roberts University, which is a prerequisite for matriculation and my continued association with the university. My signed pledge becomes a part of my permanent file. Further, my acceptance of the Honor Code is a solemn vow and promise to God as to how I will live my life.

WHAT IS ORAL ROBERTS UNIVERSITY?

For the believer seeking an academic challenge in the context of uncompromising Christian commitment, Oral Roberts University provides a balanced program of educational endeavor. As each student takes part in ORU's unique opportunities, he or she will develop a lifestyle of wholeness. Since Jesus Christ is the only person who has ever embodied perfection,

each student is encouraged to look at Him as he or she strives to become the whole person Jesus Christ wants each person to become.

ORU is distinctly Christian. As students prepare for their life, they strive to attain academic excellence, physical fitness, and dynamic spiritual growth.

In the undergraduate program, the curriculum encompasses significant areas of knowledge, including Biblical studies, fine arts, social sciences, mathematics, communications, natural science, nursing, and humanities. On the graduate level, programs in business, education, and theology prepare students to influence all of mankind for Christ's sake.

In addition to scholastic efforts, all students gather to worship in twice-weekly chapel services. Other opportunities, such as wing devotions, personal prayer times, and participation in outreach ministry offer additional possibilities for spiritual growth.

Physical fitness is fostered by ORU's aerobics program, developed by the originator of modern aerobic exercise—Dr. Kenneth Cooper. The program includes recreation and competitive sports. The ultra-modern, well-equipped Aerobics Center provides an environment conducive to effective exercise.

The university's extensive and comfortable housing facilities help make ORU primarily a residential campus, helping to bind the university members together as a family. Residence halls allow easy access to campus events, such as intercollegiate athletics, concerts, lectures, dramatic presentations, academic organizations, student publications, and special events.

In search of academic excellence and personal fitness, the discerning ORU student seeks understanding and knowledge within the context of faith and commitment, believing that divine power and wisdom are necessary for the most fruitful application of information.

Background

Granville Oral Roberts was born January 24, 1918, a Native American whose parents were Pentecostal preachers of modest means. In his teenage years, Oral contracted tuberculosis and was near death when his family took him to a healing evangelist's meeting. While there, he was soundly converted and completely healed of this disease. He relates that on the night Rev. George Moncey prayed for his healing, he heard God speak to him: "Son, I am going to heal you and you are to take my healing power to your generation. You are to build Me a university and build it on My authority and the Holy Spirit." After this experience, Oral became a preacher and healing evangelist. Later during his healing ministry, God reminded Oral of the educational mandate he received years before and clarified the assignment. "Raise up your students to hear My voice to go where My light is dim, where My voice is heard small and My healing power is not known, even to the uttermost bounds of the earth. Their work will exceed yours, and in this I am well pleased."

In 1963, Oral began to gather qualified academicians to build Oral Roberts University "on the authority of God and the power of the Holy Spirit." The administration, faculty, and students are committed to the best of faith and scholarship and education of the whole person: spirit, mind, and body. Thus, Oral Roberts University promotes academic excellence, physical fitness, and dynamic spiritual growth. The community studies together, worships together, and prays together for corporate and individual growth. The founder has declared that "the Bible is the number one text at ORU," and the ORU community mandates corporate and individual prayer and study of the Bible. St. Jerome stated, "Ignorance of Scripture is ignorance of Christ."

In the undergraduate colleges, the university provides a liberal arts curriculum to provide a broad inter-related base for education and to take God's healing power into every facet of human existence. Similarly, the graduate schools prepare students in an area of specialization to bring renewal to crucial fields of human endeavor. The major reason for the existence of Oral Roberts University is to bring healing to the Body of Christ and to a dying world: Healing is the watchword of the university.

Commitments

Since the key distinctive of Oral Roberts University is healing, and Jesus is the consummate Healer who passed on His healing ministry to His Church, all of the university courses seek to educate students toward healing and restoration in every facet of society. In order to remain true to its founding purpose, ORU has made the following commitments:

1. ORU is a Christian institution.

The university stands for the authority of the Bible as the Word of God and subscribes to historic Christianity through which the Holy Spirit has continued to guide the Church with His gifts.

ORU believes in God the Father, God the Son, and God the Holy Spirit as revealed in Scripture and explained by the Church in her ancient creedal statements.

The university has been supported by many generous Christians from various denominations who are faithful to the essentials of the Christian faith and acknowledge the continued activity of the Holy Spirit in the Church. ORU seeks to be faithful to its calling from God and to these dedicated brothers and sisters in Christ.

2. ORU is a Christian institution with the distinctive charismatic dimension of the Holy Spirit and the gifts of the Spirit.

These include the wonder gifts as described by St. Paul in 1 Corinthians 12-14, including the prayer language of the Holy Spirit, the ministry gifts (Romans 12:4-8), and the gifts of apostles, prophets, evangelists, and pastors-teachers (Ephesians 4:11-13). Faculty, students, and staff are expected to be actively open to participation in all of the gifts of the Holy Spirit, thus demonstrating active participation in the charismatic experience.

The gifts of the Holy Spirit have not been revoked; there have been two thousand years of Pentecost. Thus, we affirm the Scriptures and the continued voice of the Spirit in the Church up to the present, holding fast to "treasures old and new."

In its relentless quest for truth and wisdom, ORU exists so that the Holy Spirit can reveal new areas of research and add to the existing corpus of knowledge.

3. ORU is an ecumenical institution.

ORU exists to serve the whole Body of Christ worldwide. Over fifty different denominations are represented in the ORU community. Thus, the ORU community makes every effort to maintain "the unity of the Spirit in the bond of peace" (Ephesians 4:3). St. Paul continues, "There is one body, and one Spirit... one Lord, one faith, one baptism, one God and Father of all" (Ephesians 4:4-6). ORU is not concerned with changing the church allegiance of its students or faculty. Rather, it seeks to bring all members of the university community into a more personal and vital relationship with Christ, to assist them in receiving Christ as their personal Savior, and to acquaint them more fully with the charismatic power of the Holy Spirit.

The university has a mandate to instruct students in the operation of and participation in all of the gifts of the Holy Spirit. The university sends the students to the churches of their choice as more committed and equipped disciples of Jesus Christ and servants of His Church. ORU students are expected to worship at a local church in addition to participating in worship on campus.

ORU desires unity in essentials, diversity in non-essentials, and love in all things.

4. ORU is grounded in the liberal arts and sciences tradition with a dedication to the education of the whole person.

This includes an emphasis on Western civilization and the Judeo-Christian tradition from which the institution of the university has emerged.

In addition to criteria for academic excellence, criteria exist for evaluating the spiritual and physical conditions of each student.

5. ORU is a distinct institution.

•**Faculty.** Faculty members are dedicated Christian men and women who acknowledge Jesus Christ as their Lord and Savior and are actively open to all of the gifts of the Holy Spirit. They practice and support charismatic spirituality and live out a spiritual ecumenicity that reaches out to the greater Body of Christ. They affirm with Oral Roberts, the founder, that different churches have "a piece of the truth of God" and that ORU emphasizes "the healing ministry of Jesus returning to the people" which "has been neglected or forgotten" (Expect a Miracle: Autobiography 139). The faculty members are expected to serve in the various churches and denominations in which they choose to worship.

•**Curriculum.** ORU has a broad liberal arts and professional curriculum with particular emphasis upon biblical and theological studies, humanities, fine arts, social sciences, natural sciences, health sciences, education, and business. This enables the student body to take God's illumination and renewal into every person's world.

•**Truth.** ORU holds that all truth, whether natural or supernatural, scientific or spiritual, has a divine origin and that the Holy Spirit, the Spirit of Truth, becomes a catalyst in the quest for truth. ORU presents all major positions and viewpoints in a fair assessment, but the university does not espouse all viewpoints. It is committed to promoting historic Christianity and the fruits of Western civilization.

•**Prayer.** ORU emphasizes prayer as a way of life. On the ORU campus, prayer is a normal and natural means of constantly relating all of life to the will of God. ORU emphasizes prayer both on the level of the inner person, "praying in the Spirit," and prayer on the level of understanding (1 Corinthians 14:15, Ephesians 6:18, 1 Thessalonians 5:17).

6. ORU has definite rules and regulations for the development of self-discipline and character.

ORU believes that self-discipline and learning should go hand-in-hand to build character and that students can best develop in the dimension of the whole person when they have both an academic education and a voluntary and strict disciplining of their life and character.

The university has an Honor Code, developed by the administration and student body, that calls for responsibility with privilege and for freedom of expression with discretion. Students are expected to abide by the Honor Code both on and off the campus.

7. *ORU has a strong spiritual participation and outreach program for its students.*

ORU realizes that its educational program must constantly lead its students into personal interaction with humankind and its needs. Through its Student Development Department, ORU students learn to minister in several areas:

•**Campus activities.** ORU students have the unusual opportunity of participating in various programs, conferences, and workshops on campus.

•**Community activities.** ORU students may participate in many community activities individually and in groups through music, drama, speech, art, the philharmonic orchestra, and civic opera. They express their Christian witness through other avenues of service to civic clubs, churches, missions, hospitals, jails, retirement homes, and in radio and television. These and other community opportunities provide unusual potential for personal growth and meaningful service.

•**International activities.** ORU has a well-developed missions program. Hundreds of students travel each summer to many nations of the earth carrying the Gospel of Jesus Christ and His healing power to thousands of people.

DEDICATION TO DEVELOPING THE WHOLE PERSON

Oral Roberts University is designed for a special and specific type of individual. Students seeking a balanced development of the spirit, mind, and body will want to apply for admission. The concept of wholeness is not just a theory; it is a way of life, practiced and perfected each day by thousands as they seek to follow God's direction for their lives. A genuine spiritual, mental, and physical commitment is necessary for contentment and development at the university.

Academically, highly ambitious students pursue exceptional standards of excellence. The academic programs seek to help students develop those qualities of the intellect that permit them to reason soundly, to evaluate the wealth of information confronting society, and to find creative, Christ-centered solutions to contemporary problems.

Fitness for a long and healthy life is an important part of the ORU lifestyle. All full-time ORU students are required to enroll in and pass a Health, Physical Education, and Recreation (HPE) course each semester. The physical fitness program also includes opportunities for competitive intramural sports for both men and women.

An emphasis on spiritual growth stands as the foremost consideration in the development of the whole person. Spiritual growth is encouraged as part of academic instruction in chapel services and in voluntary campus worship services. Opportunities for service with local churches and ministries, as well as personal devotions, are readily available. In addition, every faculty member is expected to exemplify the Spirit of Christ and actively motivate others to participate in ORU's unique spiritual atmosphere.

QUEST FOR THE WHOLE PERSON

Extracts from address by President Oral Roberts to the first class at ORU, September 7, 1965.

You young men and women who have enrolled today are our first class. As your president, I salute and congratulate you and extend to you my warm personal welcome.

You have been carefully selected from among some of America's top young people. You have, in coming to ORU, pledged yourselves to join us in what I consider to be the most exciting and revolutionary quest in modern times—the quest for the whole man.

Wholeness is a way of life here. It's something you can get; it's something you can become. You can leave as the whole person God intended you to be. Here you can reach for excellence and find it. In today's world, you cannot get through without it. If your muscles are flabby, you will have to toughen them. If you have been sheltered, you will have to make adjustment to the outside world. Competition is furious out there. To make the grade, you will have to call forth every resource of your inner and outer man—in short, you will have to stand up on the inside and be able to take the offensive.

What am I trying to say to you? I am asking you to get the vision of wholeness and reach for it by making every effort to develop your spirit, your mind, and your body and to help to start a unique trend toward sanity and achievement in this exploding civilization.

ORU is a daring new concept in higher education. It was planned to be from the beginning one that would be able and willing to innovate change in all three basic aspects of your being: the intellect, the physical, and the spiritual.

Plato said, "The direction in which education starts a man will determine his future life." Your start here is the direction of a whole man.

First—There's an education here for your mind, for without the development of your intellect you cannot be a complete person.

To develop your intellect fully, learn the art of asking questions. Our Master acquired this art. Throughout His lifetime He probed, questioned, reasoned, and sought answers wherever there was something to be learned, to be done, to be changed.

You made up your mind to enroll, you followed through, you are on campus, and you are ready to go. All right. Open up your inner self to the joy that is before you and get off on the right foot by learning to study immediately. You are an adult now, and at ORU we will treat you as an adult. You have a big job ahead of you. Learn and learn some more. You want to graduate with your head up and with a light in your eye. And what you do learn—apply. Learn to gear it to meet the needs of people.

It is our earnest desire and purpose to make ORU not only tops academically, but a foremost university in the formation of character. Character is spiritual and has a vigorous moral fiber especially instilled by self-discipline and commitment to principle. This, of course, rules out cheating in every form because cheating cheapens your character and weakens your moral fiber. I believe that no person rises above his personal integrity, and no one can truly fail when he has it. Let me emphasize that while we are innovators in educational techniques, we are definitely old-fashioned when it comes to Christian morals and character. We respect the integrity of each student, and you will want to earn that respect.

Second—There's an education here for your body, for that too is essential to your development as a whole person.

We are going to expose you to one of the most exciting health programs you have ever known—one designed to beautify and strengthen the physical house your inner man lives in. We believe that your four-year stay here on this campus is the best time to learn positive and effective ways to develop healthy attitudes and habits that will benefit you throughout life. Here you will learn to appreciate and take care of your wonderful body.

Third—There is a unique opportunity here for an education or development of the inner man, for the most important part of you is your spirit.

ORU has a well-defined program of academic excellence. Along with excelling in the education of the mind, you will be expected to add the other two dimensions of your body and spirit. Along with your academic progress and your physical fitness, we expect you to be open to the creative activity of the Holy Spirit in your inner man, indeed in your whole person.

The focus is to assist students to develop a Christian worldview, understand their purpose from a Kingdom perspective, and to ultimately know their own core values and live by them. A sad commentary on higher education today is that many students get out of college having had very little or absolutely no exposure to spiritual development.

Admittedly, this is a difficult area in which to work. It is not fashionable to teach college students to develop their spiritual life. Many university educations leave students virtually undeveloped in the most meaningful part of their existence. Indeed, some seriously damage what Christian convictions students may have had.

Your spiritual development includes a new birth through repentance and faith in the Lord Jesus Christ, a constant cleansing of your inner self from sin, the baptism in the Holy Spirit in the charismatic dimension for empowerment and personal edification, a manifestation of the gifts of the Holy Spirit through you for meeting the needs of others, a personal witness of your Master to your fellow man, and a daily application of Christian principles to the demands of daily life. In this way, you can learn the meaning of your own life and be in a position to make a worthwhile contribution to help man solve his problems. In this way, you can become a part of the answer and not part of the problem.

I think you can emerge as the world's most wanted college graduates. With a healthy body, you know how to take care of a trained and disciplined mind that never settles for less than excellence, governed by an invincible spirit of integrity, inspired by a personal relationship with a living God, and driven by an irresistible desire to be a whole man to make a troubled world whole again; you will be in demand.

Now, with all your vital energies, let's get to the task together.

CAMPUS DESCRIPTION

Oral Roberts University is located on 263 acres of scenic, rolling countryside in suburban Tulsa, one mile from the Arkansas River. Tulsa, which has been called "one of America's most beautiful cities," offers many cultural opportunities for the students of its six private and proprietary universities, three state universities, and one junior college. A growing city with more than 400,000 residents, Tulsa has an extensive system of libraries, art centers, and theater groups. The city

has a program of beautiful parks and recreation centers, a vibrant Chamber of Commerce, and a major economic development and capital expenditure project.

Twenty major buildings grace the campus, which is valued in excess of \$250 million. The university grounds include many newly landscaped areas, complete with seating under large oak trees. The prayer gardens surround the Prayer Tower and include fountains, benches, and bronze statues. Lake Evelyn, a scenic pond near the residential halls, hosts a variety of geese, ducks, and other wild life. A gazebo nearby has tables and seating.

The **John D. Messick Learning Resources Center/Marajen Chinigo Graduate Center** is a seven-story, multi-million-dollar diamond-shaped building with 14 acres of library, laboratory, classroom, and office space, including the 458,000-square-foot Graduate Center extension. The library has a capacity for more than 1,000,000 volumes. The building is equipped with wireless Internet access, a closed-circuit TV system, television studios, and data processing equipment, and it houses the Elsing Rock and Mineral Museum.

Seven Residence Halls, recently redecorated, can accommodate about 2,800 single undergraduate students. Each dormitory room is equipped with a small micro-fridge unit, a combination refrigerator and microwave oven.

The **Hamill Student Center** houses the Student Union, Student Dining Commons, the Security Office, the newly updated Zoppelt Auditorium, Chick-Fil-A, the Internet Cafe, and Freshens Smoothies.

Mabee Center is an elliptical arena with 10,575 permanent seats for indoor sports, public-speaking events, and popular concerts. Curtains and special lighting create Graham Symphony Hall and Johnston Theater, performing-arts quadrants of the arena. A multi-million dollar television studio adjoins the Mabee Center and houses the University Broadcasting offices. Newly added to the south section of the Mabee Center is a conference center.

The **Prayer Tower**, at the heart of the campus, is the tallest structure on campus. The 200-foot Prayer Tower represents a 24/7 prayer covering over the campus. The Visitors Center is housed in the base of the tower, surrounded by the multi-tiered Ralph L. Reece Memorial Gardens, and the observation deck is accessible by elevator.

The **Kenneth H. Cooper Aerobics Center** houses the campus physical education facilities. It was designed as a fitness center for the implementation of an aerobics program created by Dr. Kenneth Cooper.

Timko-Barton Hall contains a performance hall and music/media technology labs as well as classrooms, offices, and recital halls of the Music Department.

Howard Auditorium has 1,000 seats for campus concerts, drama productions, and cultural events.

Christ's Chapel, a 4,000-seat worship center and smaller Kennedy Chapel, also houses the Spiritual Life, Music Ministries, and Missions departments.

Canning Entrance/Avenue of Flags is the main Lewis Avenue entrance to the Oral Roberts University campus. The driveways, lined with lighted flags representing the more than 60 nations from which ORU students come, were made possible through a gift from Ernest Simpson, a former ORU Regent. The centerpiece for the Avenue of Flags is the bronze-sculpted healing hands. The hands, 60 feet high, were a gift from Herbert and Diane Brown and were moved to their present site through a gift from former Regent Gerald Canning, in loving memory of his wife, Marjorie, and the site was officially named *The Canning Entrance*.

SERVICES AND FACILITIES

LIBRARY

The ORU library provides information resources and services for the entire ORU community, including students, faculty, staff, distance learners, and guest researchers. The library is located on the fourth and fifth floors of the **John D. Messick Learning Resource Center (LRC)** and in adjoining areas of the **Marajen Chinigo Graduate Center (GC)**.

The library collection has over one half million holdings including 305,000 printed volumes, 54,000 electronic books, 145,000 microforms, and 31,000 audio-visual materials. The library also provides access to over 46,000 full-text periodical titles, of which 20,000 are unique titles and 372 are current paper subscriptions.

A state-of-the-art integrated library system provides an online catalog of the library collection as well as tracks patron use of materials. The librarians and staff of the **Technical Services** area—including acquisitions, cataloging, periodicals, and computer services—select, acquire, catalog, and process gift and purchased books, periodicals, and other materials.

The ORU library website (library.oru.edu) is a gateway to library resources available at any time from any computer with Internet access. Among the resources accessible through the website are over 90 online databases and reference works. Remote access to these resources is available via a login to current students, faculty, and staff. Online tutorials and research guides offer students, especially distance learners, 24/7 library instructional support.

The **Public Services** area, composed of the **Library Instruction, Circulation, Interlibrary Loan, Distance Learners Services, and Reference** departments, is staffed by professional librarians and staff whose primary responsibility is to serve the information and research needs of students and faculty. Special assistance is offered to distance learners in accessing materials housed in the ORU library.

Students, staff, and faculty check out and return library materials at the **Library Services Desk**. Personnel create patron records, place materials on reserve, and maintain the main collection, including audio-visual materials, on the fourth and fifth floors.

The **Interlibrary Loan Office**, located near the circulation desk, provides library materials available from other libraries.

The **Library Information Commons (LINC)**, the glass-partitioned area accessible from both the LRC and the GC on the fourth floor, houses the Reference area, the Electronic Resources Center, the Periodicals Collection, the Library Instructional Lab, and four group study rooms.

The **Reference Desk** is staffed by librarians and student assistants who provide individual assistance with research questions and with access and use of electronic resources and periodicals. The noncirculating reference collection provides a concentration of key resources selected to provide essential background information from which more extensive research may be launched.

The **Electronic Resources Center (ERC)**, immediately adjacent to the reference area, contains networked computers for accessing the Internet and the library's electronic resources. In addition to university computers provided for student use, network ports

facilitate use of patron-owned laptops in the ERC. Wireless access and Ethernet jacks are available throughout the library. The ERC is also equipped with networked printers and photocopiers. Another copy machine is available beside the Circulation Desk.

The **Periodicals** area contains a collection of current journals and magazines organized in alphabetical order. Older volumes are available in bound paper, microform, or CD-ROM formats and arranged by call number. Except those in the B classification, bound volumes published prior to 1979 are housed in the main collection on the fifth floor. Patrons may read, print, or digitize microform using the reader-printer-scanner provided. Periodical titles are searchable in the Journals List, which links to the electronic full text when available as well as to catalog records of those in paper and other formats.

In the **Library Instructional Lab** located to the rear of the periodicals area, librarians offer library instruction classes, workshops, presentations, and one-on-one instruction to students and faculty on how to access and use information resources. The state-of-the-art lab is equipped with 30 computers for students, a laptop for the instructor, an LCD projector, a sound system, and software that facilitates integrated digital classroom presentations.

The **Curriculum Media Center (CMC)**, on the fifth floor, contains a children's literature collection, media for grades K-12, audiovisuals, and other materials used for curriculum development. It serves primarily students and faculty in the College of Education.

The **Music Listening Room**, located in Timko-Barton Hall, contains a collection of primarily noncirculating materials including records, tapes, compact discs, and scores. Music majors are given priority for using these resources.

The **Theology Library**, which is integrated into the main collection, includes materials primarily in the BL-BX classification range. Also included are three closed collections that may be viewed by special request: the Elmar Camillo Dos Santos Collection, the William Sanford LaSor Collection, and the Jewish Theological Seminary Collection.

The **Holy Spirit Research Center**, on the fifth floor, contains a noncirculating collection of Pentecostal/charismatic and Holy Spirit materials. It is one of the largest and most comprehensive collections of its kind in the world.

INFORMATION TECHNOLOGY

Academic Computer Labs provides access to general use computers (located in GC2A01) and three classrooms (GC2A02, GC2A03, GC2A04). The general use computer lab contains 60 computers for academic use. From this computer lab, students can access the Internet and email. Software for student use includes the Ultimate Microsoft Office Suite along with specialized programs used in several academic areas on campus, such as engineering, statistics, mathematics, and computer science.

The Student IT Help Desk is located in the Academic Computer Lab (GC2A01), technical support is provided by lab assistants and the lab director. These services include support for email (GroupWise), Novell, dorm technology (e.g., cable TV, Internet, telephone), virus protection software, D2L, and ePortfolio®. The student IT Help Desk can be reached at (918) 495-6321.

Communication, Arts, and Media Studio and Labs, located on the first floor of the Learning Resources Center, contain a state-of-the-art television studio, six video edit stations, three audio labs, the Student Publications Lab, the Print and Broadcast Journalism Lab, and two multimedia labs. The main audio lab consists of seven 24-track consoles with out-board processing and Pro Tools editing software. A Foley stage, ADR studio and surround sound are part of another Pro Tools 002 studio.

The **MultiMedia Institute Lab** is powered by student-owned Mac Book Pros. Software used in this lab includes Adobe Creative Suite 4 Production bundle, Final Cut Studio, and Pro Tools. Students have access to 12 portable camera packages for field production.

In the **New Technologies Mac Lab**, students learn to tell digital stories demonstrating the power of hybrid media, and they learn to think creatively and to apply entrepreneurship and marketing skills. The lab has Macromedia's Suite, Adobe's Suite, Apple products, Newtek's lightwave 3-D for animation, and other software.

The **Student Publications Lab** is equipped with Mac and PC computers. Software used is the Adobe Creative Suite 4 Design Premium bundle. Students produce *The Oracle* (student newspaper) and *The Perihelion* (yearbook) under faculty supervision.

The **Print and Broadcast Journalism Lab** is equipped with current professional tools such as Win+ (teleprompter software), Scriptware, QuarkXpress®, Adobe Creative Suite®,. The lab also has a live raw CNN feed as a news source for the weekly student Telenews production.

The **J.L. Sanders International Language Lab and Cultural Center** is a high tech lab that helps students improve their foreign language knowledge and skills. The lab is located on the second floor of the Learning Resources Center.

The center occupies two rooms with state-of-the-art equipment. One room, the language lab, contains 28 stations of Dell computers with Melissi Digital Classroom software, a Symposium smart board, an ELMO video presentation stand and Panasonic LCD display projector and screen.

In the lab, students practice conversation skills through the headsets, record their voices, and type an essay in the target language, and send or receive digital files from the instructor station. Instructors are able to display Internet pages and various video feeds directly to student computers, as well as monitor students' activity remotely to provide assistance as needed.

The second room, the cultural center, contains a resource library of books, magazines, DVDs, DC-ROMs, and audio CDs, which acquaint students with other cultures as well as teach various aspects of language. The room has 14 computers and various software (e.g., Rosetta Stone®) that allows students to learn interactively at their own pace and study foreign languages not offered in a classroom setting. The software provides language learning in Arabic, Mandarin Chinese, Farsi, Hindi, Italian, Japanese, Korean, Brazilian Portuguese, Russian, and Swahili.

The cultural center serves as a personal tutor to assist students in overcoming the challenges of learning a foreign language and also helps students traveling to another country by enabling them to practice speaking the language.

The **Timko-Barton Media Technology and Commercial Music Lab** is a facility located in the north end of the Timko-Barton Music Building. State-of-the-art equipment housed in the technology lab includes Macintosh supercomputers, ProTools digital audio workstations, DP and Logic sequencers, high-end syn-

thesizers (Korg, Kurzweil, Alesis, etc.), mixing boards, MIDI controllers, and various support peripherals. A ProTools HD commercial studio occupies part of the lab. This suite is set aside for upperclassmen to pursue real-world recording opportunities.

The College of Education provides two **Education Technology Centers (ETC)**, one located on the fifth floor of the Graduate Center and one on the 22nd floor of the CityPlex Towers in the College of Education Adult Learning Center. The Education Technology Centers are used as model teaching and demonstration classrooms/laboratories. In addition to being used in the Educational Technology course, the model rooms are available for professional development and as demonstration units for seminars and other professional development activities for area educators.

The Education Technology Centers provide teacher candidates and faculty with current technology tools necessary for completing an electronic portfolio. The ETC has both black and white and color printers, scanners, digital video cameras, digital still cameras, video editing software, CD burners, electronic white boards, and both Windows and Apple computers, as well as a sampling of excellent software for life in and out of the classroom.

The Communication, Arts, and Media Department maintains the **Douglas Latta Computer Lab**, which supplements the technology requirements for students majoring in graphic design print and graphic design video. Dedicated work stations allow for video editing, 3D animation, printing, scanning, and networked storage. All design courses utilize the lab's supplemental instructional tools, including drawing tablets, standard and high definition video camera, digital still cameras and lenses, and audio-video projection system, and a large format color printer.

The **Business Computing Lab** offers services to business students and faculty. While some courses require students to use the lab in preparing specific coursework, all business students may use it to prepare assignments. Multimedia equipment is available for use by students in presenting projects and cases in business classes and by faculty for classroom presentations.

The Business Computing Lab provides a teaching environment for hands-on instruction in using software related to business functions and research. Faculty may schedule the lab for classroom instruction.

The lab features Windows-based computers installed with Microsoft Office®. Software applications also include most tax, statistical, presentation, and database programs. Class-specific software is added or updated as required.

All **residence hall** rooms have cable television connections and network connections to link personal computers to the Internet, the ORU library's electronic resources, and the ORU academic computing system, which includes email and a wide range of software products. All dorm lobbies provide wireless access, and wireless capabilities are available in many locations throughout the campus. Residence halls are also equipped with copy machines for students' use at nominal cost.

STUDENT RESOURCES

The **Tutoring Center** provides trained peer tutors and self-directed active learning programs to help students with their academic work in English and mathematics. Tutors provide assistance on writing assignments and mathematics for all students in every discipline. In addition to individualized tutorial instruction, the

Tutoring Center has computers, giving students access to word processing and Internet services. Students enrolled under the Bridge Program, in COMP 101, or in MAT 099 are required to complete a schedule of instruction in the Tutoring Center.

The **campus bookstore** is located on the third floor of the Learning Resources Center. Students may purchase textbooks, classroom supplies, personal items, ORU clothing, and other supplies. The bookstore accepts cash, credit cards, personal checks with valid driver's license, Eagle Bucks, and Follett Bucks. More information is available at (918) 495-6566.

The **ORU Business Center**, providing document preparation and copy services, has experienced staff to help students and faculty produce and copy a variety of professional documents such as class assignments, brochures, flyers, resumes, book critiques, reports, senior papers, theses, and dissertations. The Business Center is located on the third floor of the Learning Resources Center (LRC) and may be reached at (918) 495-6848 and (918) 495-6847. The Business Center accepts cash, checks, and Eagle Bucks.

Several on-campus **eating facilities** provide a variety of food options. The student **Dining Commons** is the main cafeteria, serving a full range of meals, and is housed in the Hamill Student Center. Also in the student center is the **Freshens Smoothies, Chick-fil-A**, and the **Internet Cafe**. The **Deli**, which serves made-to-order sandwiches and wraps as well as hot meals, soups, and salads, is located on the main floor of the Graduate Center. On the main floor of the LRC are the **Green Cuisine**, which serves healthful snacks and light meals, **Freshens Smoothies**, which serves smoothies, and **Hava Java**, which serves a variety of hot and cold drinks and pastries throughout the day and early evening.

The **campus post office** is located on the ground floor of EMR residential hall. All residential students are assigned locked post office boxes in which they receive their mail. The campus post office may be reached at (918) 495-6628.

The **Comprehensive Advisement Center (CAC)** helps all new students entering ORU by assisting in the development of their first semester schedules. All freshman exploratory majors and students admitted on the Bridge Program are advised in the CAC throughout their freshman year. The advisor helps students set academic goals and assists them in the selection of a major based on their individual strengths.

All other students are assigned an advisor in their major areas of study. All faculty members set aside regular office hours to assist students.

Student Counseling Services provides quality professional counseling with a Christian worldview for all ORU graduate and undergraduate students. The counseling staff is committed to the emotional, psychological, social, academic, and spiritual wellness of the ORU student community. Services include personal counseling, marital and pre-marital counseling, and crisis intervention. Student Counseling Services also provides referrals to mental health professionals and services available in the Tulsa community. All on-campus services are free and confidential.

The **Student Resources Office** at Oral Roberts University, in compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act, assures that no qualified individual with a disability will be denied reasonable accommodations in modification of policies, practices, and procedures. The Student Resources Office offers reasonable accommodations to clients based upon their individual needs. Accommodations offered to clients as services

through this office include, but are not limited to the following:

- Alternative testing
- Textbooks on tape
- Adaptive HPE
- Interpretation
- Note-taking and transcriptions
- Text enlargements
- Counseling on disability issues
- Parking and access services
- Academic adjustments
- Additional accommodations (as deemed reasonable)

These accommodations are based on need, not desire. All services are intended to allow clients full access to the programs and campus of Oral Roberts University and are not intended to give the client an unfair advantage over other students.

Students who wish to access services should contact the Student Resources Office. Provision of services includes an intake process during which the existence of a qualified disability is verified and appropriate, reasonable accommodations are identified. Assistance may be obtained by calling (918) 495-7018.

The **Eagle Card Center** is located on the third floor of the Learning Resources Center. Every student must bring a valid government photo ID to receive an Eagle Card, which serves as the student's ID card. Students may also use Eagle Cards for dining services both on- and off-campus, library check-out, athletic events, aerobic center access, and for vending and laundry machines. More information is available in the Eagle Card Center at (918) 495-7256.

Student Health Services is located on the first floor of the EMR residential hall. ORU students are eligible for these services. Hours are Monday through Friday from 8:00 a.m. to 5:00 p.m. A full-time registered nurse is available Monday through Friday, and a physician is available during special clinic hours. The Student Health Services phone is (918) 495-6341.

To facilitate the physical development of students, ORU provides services through the departments of Health, Physical Education, and Recreation (HPE); Health Services; and Intramural Athletics. The ORU program focuses on the concept of aerobics in a physical fitness program designed by Dr. Kenneth H. Cooper, a former Air Force physician and innovator of the exercise program used by the astronauts. The HPE program is housed in the Kenneth H. Cooper Aerobics Center, an innovative physical fitness center that includes a human performance laboratory.

The **Career Services Center** provides students and alumni with the occupational resources, networking opportunities, and individualized career counseling required to prepare for successful career transitions.

The following services are provided:

- Strengths-based Assessment.** Comprehensive assessment instruments are available to assist students with the process of self-evaluation in selecting academic majors and developing career strategies that correlate with their talents, skills, and interests.
- On-campus interviewing and recruitment.** During the fall and spring semesters, organizations from across the country conduct on-campus interviews and participate in various events designed to connect students with potential employers. The calendar of such on-campus events is posted on the Career Services website: www.orugoldenhire.com.
- Job Postings.** Current listings of worldwide employment opportunities and internships from every sector of industry are maintained online with Career Services through the Golden Hire Network (<http://www.orugoldenhire.com>). Students are encouraged to utilize this

resource when seeking either temporary or permanent positions.

•**Golden Hire Network.** Career Services maintains a fully integrated online database linked to the Career Service's Web site at <http://www.orugoldenhire.com>. This resource provides a venue for strategic employment partners and the human resources professionals of organizations around the world to connect ORU students, graduates, and alumni with potential opportunities. All on-campus employment, internships, cooperatives, and part-time and full-time positions offered to ORU students and alumni are updated daily and available through this Internet medium 24/7.

•**Career Performance Workshops.** Frequent workshops (e.g., resume workshops and mock interviews) are offered to students regarding practical work-related skills necessary for securing and maintaining a successful career.

•**Graduate and Professional Education.** Extensive files are maintained in graduate and professional educational programs available to students and alumni seeking to continue their education. Guidance and counseling in preparing for the application process are also available. More information is available on the Career Service's Web site at <http://www.orugoldenhire.com>.

The staff of the **ORU Department of Public Safety and Security** maintains a highly visible 24-hour presence. Uniformed officers must be CLEET certified yearly by the State of Oklahoma. The staff routinely inspects all fire extinguishers, smoke detectors, fire alarm systems, exterior lighting, and building access ways and makes recommendations as needed to enhance systems. ORU annually submits the Campus Crime and Security Survey as required by the Secretary of Education.

The university provides e-Alert, an e-mail subscription service for notifying students, faculty, and staff of important information and emergency situations. Students who register for ORU Alerts receive free, timely alerts directly to their e-mail capable desktop computer, cellular phone, or pager in campus situations that require immediate communication.

In accordance with the Campus Security Act, ORU makes available a copy of *The Annual Security Report* pamphlet to each student through our website at <http://dpss.oru.edu>. The Safety and Security office is located on the ground level of the Hamill Student Center.

ADMISSION INFORMATION --UNDERGRADUATE

ADMISSION REQUIREMENTS

Candidates demonstrating a strong Christian commitment, academic ability, moral character, personal integrity, and a desire to pursue a liberal arts education are considered for admission to Oral Roberts University. Admission may be denied for such things as crimes, moral turpitude, misconduct, prior suspension, or any other factors that would be detrimental or disruptive to the university or its students.

Students should refer to the distance learning section of this catalog for admissions requirements unique to the online programs.

First-Time Freshmen Applicants

A first-time freshman is defined as an applicant with fewer than 15 college hours earned from a regionally accredited institution after graduating from high school.

Full Acceptance. The following criteria are required for full acceptance:

- High school cumulative GPA of at least 2.6 or a 52 or higher average GED.
- Graduation rank in the top 40% of the student's class.
- A composite ACT score of at least 20 or an SAT score of at least 940 on the verbal and math sections.

Probationary and Bridge Applicants. Applicants whose GPA scores or graduation ranks do not meet the criteria for full acceptance may be considered for acceptance on probation or through the Bridge Program. Students accepted on probation are subject to academic progress requirements set forth by the university registrar. Requirements are listed in the Probation and Suspension section of this catalog. Students accepted through the Bridge Program are given the opportunity to demonstrate academic readiness through a prescribed program designed to help them gain the necessary skills to be successful in college. To continue in the program, students must demonstrate academic readiness during the first semester. The Student Resources office has more information.

Early Acceptance. Candidates may apply to ORU at the conclusion of the junior year in high school. They should submit their scholastic records, state the courses they expect to pursue in the senior year, submit SAT or ACT scores (taken in the junior year), and request the required references. Senior-year test scores and grades should be submitted when available.

Transfer Student Applicants

A transfer applicant is defined as one who has earned 15 or more college credit hours from a regionally accredited institution or institutions with which ORU has articulation agreements after high school graduation.

A transfer applicant must complete the requirements for admission and submit a final official transcript from all colleges attended. An official transcript is one sent directly from the previous institution's registrar to the ORU Admissions Office. A student may not omit any part of his or her college records. Official transcripts (or letters regarding withdrawal) are required from all colleges at which the student has enrolled regardless of whether the work was satisfactory or unsatisfactory, or whether the student withdrew while the work was in progress. Transcripts should note the dates of withdrawal and honorable dismissals. Upon approval, course credits may be transferred, but grade point averages from other institutions are not transferred to ORU. Accepted transfer credit appears on the ORU transcript in summary form.

Transfer applicants with fewer than 24 credit hours from a regionally accredited institution must also submit a copy of their high school transcript. Only non-remedial courses are considered for admissions purposes. The Admissions Office reserves the right to request high school transcripts if deemed needed.

Transfer students with a minimum 2.0 cumulative/combined GPA for all colleges and universities attended are considered for full acceptance. The Bridge Program and acceptance on probationary status are not available to transfer students.

International Applicants

An international applicant is defined as any student applying to ORU who is not a U.S. citizen or a green card holder (permanent resident).

International applicants are considered for admission under the same criteria as first-time freshman and transfer applicants (listed in those sections of this catalog) with the following additional requirements:

- A Minimum TOEFL (Test of English as a Foreign Language) score of 500 (173-computer-based or 61 Internet-based) for students whose first language is not English.
- A minimum IELTS (International English Language Testing System) score of 6.5 on the Academic Module.
- Affidavit of support and bank statements verifying ability to pay. Financial statements are also required for immigration purposes.

Concurrent Enrollment Applicants

A high school senior who has not yet graduated from high school may be admitted to take classes when the following conditions exist:

- The student must be a high school junior or senior having a minimum of a 3.0 GPA on a four-point scale.
- The student must complete the Concurrent Student Application and submit it along with the Concurrent Student Approval form to the Admissions Office at least four weeks before the beginning of the term.

Concurrent students may enroll in up to six preapproved hours per semester. Students completing a semester with minimum ORU GPAs of 2.5 are eligible to continue enrollments as concurrent students.

Special Student Applicants

Special students are those who by permission of the Admissions Office are admitted to certain courses without being required to satisfy all entrance requirements or carry the number of courses prescribed for regular students. Work done by special students does not count toward a degree unless such students justify regular standing by completing all admission procedures.

Applicants for Readmission

Students interrupting their educational programs by not enrolling any subsequent spring or fall semester must submit simplified Applications for Readmission to the Admissions Office. When additional coursework has been completed at other institutions, official transcripts must be submitted. Applicants for readmission must be approved by the Registrar's Office, the Student Development Office, and the Student Accounts Office. Students should refer to the Online Campus section of this catalog for requirements unique to distance education.

Applications

Applicants (first-time, international, and transfer) need to submit the following items when applying to ORU:

- **Application** (available in paper form or online)
- **Application fee** (\$35; fee is waived if the student applies online.)
- **Secondary School Record.** Applicants must have a high school diploma or the equivalent. Most applicants follow a challenging college preparatory curriculum in high school. This curriculum should include a minimum of 12 units (a unit is equal to one year of study). No units are granted for activity courses, such as athletics, band, choir, or vocational courses. The following sec-

ondary school credits are recommended:

- Four years of English
- Two years of a foreign language
- Two years of mathematics, including algebra and geometry (or two years of algebra)
- Two years of science, one of which must be a laboratory science
- Two years of social studies
- Four years of electives

The GED (minimum 52) and the international baccalaureate are also considered in the admission process.

Home-schooled applicants may be required under special circumstances to submit additional curricular information and/or proof of high school equivalency.

• **Entrance Examination Scores.** Satisfactory scores on the Scholastic Aptitude Test (SAT) or the American College Test (ACT) are required for applicants to the freshman class. Either exam is acceptable, and multiple scores may be submitted. Only the highest of multiple scores submitted on the same exam is used for acceptance purposes.

Information about these tests is available from high schools or directly from the testing organization.

SAT College Entrance Examination Board
Box 592
Princeton, NJ 08540
www.collegeboard.com

ACT American College Testing Program
P.O. Box 414
Iowa City, Iowa 52243
www.act.org

The Test of English as a Foreign Language (TOEFL) is required for students whose first language is not English.

TOEFL Educational Testing Service
Rosedale Road
Princeton, NJ 08541
www.toefl.org
email etsinfo@ets.org
(609) 921-9000
fax (609) 734-5410

• **Health History and Immunizations.** A health assessment form is sent to each student with the acceptance letter and should be returned with the enrollment deposit. To safeguard the ORU community, certain immunizations are also required. Specific information is available from Student Health Services at (918) 495-6341. A complete immunization record must be certified by Student Health Services prior to the first day of class.

• **Interview.** A personal interview is recommended although not required under ordinary circumstances. However, if for any reason the Admissions Committee deems it advisable, an interview may be required before admission is granted.

• **Enrollment Deposit.** When admission is granted, a nontransferable enrollment deposit is required to secure scholarship/grant offers, and the student's place in the upcoming class. This deposit should be paid no later than May 1 (for fall semester) or by December 1 (for spring semester). The enrollment deposit is not an additional charge; it is credited to the student's account and applied toward tuition costs.

• **Housing Deposit.** A housing deposit is required no later than May 1 in order to select housing. More information is available at <http://housing.oru.edu>.

Deficiencies

Applicants accepted to the university with deficiencies, as determined by the Admissions Committee or placement exam, may satisfy the deficiencies by taking appropriate courses.

International students matriculating in a bachelor of arts degree program are generally required to meet the same entrance and degree requirements in foreign language as United States students. However, students who have proof of foreign birth and citizenship, whose native language is not English, and who have studied academically for four years at the high school level in their native language meet the entrance and degree foreign language requirements.

Students matriculating in a bachelor of science program may present additional mathematics or science credits in lieu of a foreign language.

Application Deadlines and Notification

Students applying to Oral Roberts University need to submit application materials by the dates below in order to receive early or priority decision letters:

- For fall and summer enrollment
Early Action—November 15
Priority Consideration—February 15
- For spring enrollment
Priority Consideration—September 15

Early action allows students the opportunity to receive an early decision and notification of scholarships. Priority consideration allows applicants to receive priority consideration for financial aid and room assignments.

Students submitting applications received on or after March 15 (for fall enrollment) and October 15 (for spring enrollment) are notified of decisions on a first-come basis for admission and financial aid.

PLACEMENT AND PROFICIENCY EXAMINATIONS

Credit toward ORU degrees can be obtained by ways other than by attending ORU classes. Students can take an institutional test-out for course credit. An exam can also determine the appropriate course level for a student.

Advanced Placement (AP) and College Level Examination Program (CLEP)

ORU may grant a combined maximum of 60 semester hours toward an undergraduate degree for Advanced Placement (AP) and College Level Examination Program (CLEP) subject examinations; scores from general examinations are not accepted. AP scores of 3 or higher and CLEP scores of 50 or higher are generally accepted. The Registrar's Office, with approval from appropriate department chairs and deans, determine placement and amount of credit awarded.

Students should contact the Admissions Office at (918) 495-6518 or (800) 678-8876 for information about acceptable tests and scores.

AP and CLEP score reports are kept in permanent student files and cannot be copied or reissued. Official AP and CLEP score reports can be obtained by writing to the following addresses:

Advanced Placement Program
P.O. Box 6671
Princeton, NJ 08541-6671

CLEP
P.O. Box 6600
Princeton, NJ 08541-6600

ORU Placement Examinations

English, mathematics, foreign language, and reading placement tests are required of freshmen with fewer than 15 college credit hours earned after high school graduation. The specific placement tests required of each student may vary depending upon the declared major. Students scoring at the 25th percentile or lower on a standardized reading test are required to enroll in a reading and study skills course.

Language Proficiency for Teacher Certification

Any student seeking admission to the College of Education's Professional Education Program for teacher certification must have successfully completed the 102 level or higher of an approved modern language with a grade of "C" or better or have passed a proficiency exam at the 102 level or higher. More information is available in the College of Education section in this catalog.

ADMISSION INFORMATION —GRADUATE

Graduate and professional programs at Oral Roberts University are an extension of the undergraduate curriculum and university lifestyle designed to provide in-depth concentration in a chosen academic field while maintaining a whole-person approach to education—a balanced development of body, mind, and spirit.

Graduate students at ORU are encouraged to develop to their fullest potential. In keeping with this philosophy, the Admissions Committee gives due regard to (1) scholarly attainment as shown by academic college or university records and examinations, (2) desire for continuing formal education, (3) character and personality traits, (4) leadership qualities, and (5) compatibility with the spiritual and intellectual philosophy of the university. More information is available in this catalog under the sections for the specific graduate schools.

Graduate students who have not enrolled within one calendar year are required to submit an Application for Readmission through the Graduate Admissions Office. Applicants who reapply must be approved by the Registrar's Office, Student Development Office, Graduate School of Education Admissions Committee, and Student Account Office. Official transcripts from institutions attended outside of Oral Roberts University must be forwarded to the Graduate Admissions Office.

DEGREE-SEEKING STUDENTS

All degree-seeking students desiring admission to the ORU graduate programs must meet the following criteria:

1. **Degree Status**—have a baccalaureate degree from an accredited institution.
2. **Undergraduate Performance**—meet the minimum required grade point average for the graduate program to which they are seeking admittance.
3. **Tests**—have appropriate standardized test scores.
 - The Graduate School of Education and the Graduate School of Theology and Missions require either the Graduate Record Exam (GRE) or the Miller Analogies Test (MAT).
 - The Test of English as a Foreign Language (TOEFL) is required for all international students whose native language of instruction is not English.

More information on times and places for the administration of these tests is available through the Graduate Admissions Office. Testing information for the GRE, GMAT, and the TOEFL is also available from the Educational Testing Service, Box 899, Princeton, New Jersey, 08540.

Students possessing baccalaureate degrees may be considered for conditional admission when some of the other criteria are not met. Transfer students must meet all admission requirements and may transfer a maximum of six graduate credit hours in business or nine graduate credit hours in education from other regionally accredited institutions. Students may transfer up to one-third of the credit hours required for graduate or professional degree programs in theology from other professionally accredited graduate schools of theology or seminaries. Courses must be equivalent to those required in the degree plan.

NON-DEGREE-SEEKING STUDENTS

Admission requirements for non-degree-seeking student status are as follows:

- Degree Status—have a baccalaureate degree from an accredited institution,
- Formal Application—complete an application provided by the Office of Graduate Admissions,
- Official Transcript—provide an official transcript from each college or university attended.

Non-degree-seeking students in education and business programs must maintain 3.0 grade point averages while in graduate work. Students in theology must maintain 2.50 grade point averages. A maximum of nine graduate hours may be taken under non-degree-seeking status in business and education programs. Up to 12 graduate hours may be taken under non-degree-seeking status in theology and business programs. Students changing from "non-degree-seeking" to "degree-seeking" status must meet all admission criteria.

CONCURRENT GRADUATE STUDY (FAST-TRACK PROGRAM)

The Fast Track Program allows ORU senior students to enroll concurrently in graduate courses and apply those hours toward master's degree in the Graduate School of Education, Graduate School of Business, or Graduate School of Theology and Missions. Students may register for a maximum of six

semester hours of graduate courses per semester.

They remain classified as undergraduate students by the university and are billed the corresponding undergraduate tuition rate as long as enrollment remains between 12.0 and 18.5 credit hours. If enrollment is below 12.0 or exceeds 18.5 credit hours, they are billed the corresponding graduate per-credit-hour tuition rate. Students may earn up to 12 hours towards a graduate degree through the fast-track program. Graduate level courses taken through the fast-track program may not be used to fulfill undergraduate degree requirements.

Requirements for the Fast-Track follow:

- Complete a Fast-Track Program application form available in the school in which the student is interested,
- Have completed a minimum of 90 semester hours of coursework for the Graduate School of Education and the Graduate School of Theology and Missions or 60 semester hours of coursework for the Graduate School of Business.
- Have a minimum grade point average of 3.0 for the Graduate School of Education and the Graduate School of Theology and Missions. (Recommended for the Graduate School of Business.)
- Need less than a full course load for graduation.

More information is available in the following sections of this catalog: College of Business, College of Education, and College of Theology and Missions.

FINANCIAL INFORMATION

Note: The semester fees included in this section are intended to be used as an approximation and not as the specific fees that will apply when students enroll at ORU. Fees are subject to change at the discretion of the ORU Board of Trustees.

In addition to tuition, room, and board, students are responsible for the cost of bed linens (sheets and pillowcases), towels, personal laundry, dry cleaning, toilet articles, clothing, travel, entertainment away from campus, course textbooks and materials, and other incidentals.

An ORU education should be considered an investment in the future. Students should read this section carefully in order to have a better understanding of what it costs to attend ORU.

TUITION AND FEES

All students planning to live on campus are required to pay \$100, which serves as the enrollment deposit and is later applied towards the student's account charges. All students intending to live on campus pay a \$150 housing deposit, which is held until the student leaves ORU, at which point the amount (minus any outstanding charges) is refunded to the student. This deposit is not refundable after May 1 for new students, June 1 for returning students (for fall semester) or after November 1 (for spring semester).

Undergraduate

Full-Time Tuition per semester (12.0 - 18.5 hours)	
2010-2011	\$9,691
Additional and Part-Time Tuition per credit hour (over 18.5 or under 12 hours per semester, minimum one credit hour.)	
2010-2011	\$810

Additional and Part-Time Tuition per audit hour
(over 18.5 or under 12 hours per semester)

2010-2011	\$405
Summer School Tuition per credit hour 2010-2011	\$556

GRADUATE

Graduate Business and Education

Tuition per graduate hour 2010-2011	\$523
Audit per graduate hour 2010-2011	\$261.50
Correspondence per three-hour course 2010-2011	\$882

Graduate Theology and Missions

Tuition Masters-Level per hour 2010-2011	\$456
Audit Masters-Level per hour 2010-2011	\$273
Doctor of Ministry per hour 2010-2011	\$456

ORU Distance Learning

Online Degree Programs/8-week online courses

Undergraduate Tuition per credit hour 2010-2011	\$399
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Home School College Program

Tuition per credit hour 2010-2011	\$499
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OTHER COSTS

Room and Board

Residence Halls per semester (except Gabrielle) 2010-2011	
Double Occupancy	\$2,025
Single Occupancy	\$2,690
Gabrielle Christian Salem Hall per semester 2010-2011	
Floors one and two (double occupancy)	\$2,685
Floors one and two (single occupancy)	\$3,890
Floor three (double occupancy)	\$2,585
EMR Suites	\$3,235
Meal Plans per semester (various options) 2010-2011	\$2,127

Health Insurance

All full-time students must carry health insurance, available at their expense through a university-endorsed program unless proof of coverage under a private or parent's plan can be verified. Rates through the university plan may be paid on an annual or semester basis. Rates are subject to change based on market conditions.

Student per calendar year 2010-2011	\$750
Student and Spouse per calendar year 2010-2011	\$2587
Family per calendar year* 2010-2011	\$6244

*The family rate is based on a spouse plus three children.

Other Fees

Application Fee

A non-refundable application fee of \$35 is required of all students with any application for admission to the university. This fee is waived for online applications.

Course Fees

- A \$40 fee is charged for most art courses (art history courses are \$15) as identified in the course descriptions at the back of this catalog.
- Most music courses have fees, such as instrument use fees, as identified in the section titled "Music Fees" later in this section.
- Some courses in the Communication, Arts, and Media Department have fees ranging from \$5 to \$40. They are identified in the course descriptions section at the back of the catalog.
- A \$30 fee is charged for each student in PED 100 and a \$25 fee for each student in PED 203 the College of Education.
- Students in PED 450 or GPED 650 Student Teaching: Away are charged a \$1000 fee to cover travel and hotel expenses for the university supervisor.
- A \$35 or \$55 fee is charged for each engineering course in which a student enrolls.
- Students enrolled in GEN 099 or PRF 059 are charged a fee of \$70.
- Each student in HPE 001 Health Fitness I is charged a \$30 fee to cover use of university physical education and recreation equipment and services while the student is enrolled at ORU.
- Some activity courses (golf, equestrian, life guarding, and bowling) have fees that are charged by the off-campus facilities providing the health fitness activities. These fees are set by the facilities and are subject to change. Backpacking has a \$60 course fee paid to the university.

Diploma Fee

- This \$50 diploma fee is charged to all graduating candidates with degrees other than doctoral degrees.
- The D.Min. diploma fee is \$100, and the Ed.D. diploma fee is \$75.

General Fees

- General fees cover general student services, including campus security, library resources and services, transcripts, and publications.
- A \$5 tutoring fee is charged to all students per semester.
 - All students pay a \$100 fee per semester for use and maintenance of technology.
 - All full-time students at ORU (both undergraduate and graduate) are charged \$231 per semester.
 - All part-time students at ORU (both undergraduate and graduate) are charged \$89 per semester.

Lab Fees

- Many courses involving laboratory sections charge fees for replenishing lab materials and equipment.
- Lab fees are charged for science laboratory classes. The fees vary but are listed for each course in the course descriptions at the back of this catalog. Students enrolled in any science laboratory course are also charged the value of any broken or lost laboratory equipment for which they are responsible.
 - A \$110 lab fee is charged to students in NUR 230.
 - A \$30 lab fee is charged to each student enrolled in COMP 101 to cover the Tutoring Center computer equipment, programs, and other lab costs.
 - A \$45 lab fee is charged to each student enrolled in WRT 335, 336, and 410 to cover the use of the equipment, supplies, and computer programs in the Print, Broadcast, Journalism Lab.
 - A \$40 fee is charged each student enrolled in elementary (101 and 102) courses and intermediate level (203) foreign language courses, which use the J.L.

Sanders International Language Lab and Cultural Center and equipment.

Late Fees

- A late fee of \$250 is charged to graduate theology students who do not complete the third assessment in the prescribed semester.
- A late exam fee of \$15 is for late exams. There are no early exams.
- A late registration fee of \$125 is charged to anyone not completing the registration process before the first day of class. This process includes enrollment in classes as well as nonacademic and financial registration.

Locker Fee

A fee of \$10 per semester (renewable each fall, spring, and summer) is charged for students' lockers in the Aerobics Center. The fee includes laundry service for athletic clothing.

Malpractice Insurance and Background Check Fees

- A \$225 lab fee for students in NUR 202, 305, 307, 406, and 430. This fee covers background checks, sim lab supplies, malpractice insurance, and ATI testing fees.

- Students in practicums, internships, and field education courses are charged a professional liability insurance fee of \$15 and a background check fee of \$25.50.

MultiMedia Institute Fee

This is a one-time fee charged when the MMI student is accepted into the institute. This fee is for the purchase of a multimedia computer for the student so he or she can complete required course and lab work.

Music Fees

Some fees apply to music classes.

- A \$40 music ensemble fee is charged per semester for each student enrolled in an ensemble.
- A \$55 instrument use fee is charged per semester for the use of university-owned musical instruments and equipment.
- A \$250 fee per credit hour per semester is charged for each student enrolled in any applied music course (MUS 001-051). This is charged for music lessons. Students must properly register through the Music Department, and all fees must be paid at the Student Accounts Office upon receipt of statement.

Prior Learning Assessment Fee. A nonrefundable deposit of \$200 for distance learning students must accompany the portfolio.

Summer School Administrative Fee

Each student is charged \$10 per summer session of enrollment.

Test Fees

- Some courses require standardized testing, for which there are fees.
- BIO 451 students are required to take the standardized ETS Biology Field Test, which has a \$30 test fee.
 - PSY 323 students are charged a testing protocol fee of \$45.
 - A \$20 testing fee is charged to freshmen nursing majors.
 - PRM 724 and PRM 732 students are charged a test fee of \$40.00.
 - Students enrolled in PRF 056 are charged a test fee (MBTI Test) of \$50.
 - Students in MGT 431 are charged a \$25 fee to cover the National Field Test in Business.
 - Distance learning students are charged a \$15 test fee for each course.

Vehicle Registration

Any student, commuter or resident, who parks a motor vehicle on campus must register it with the Security Office. The annual fee is \$25 for automobiles, \$10 for motorcycles, and \$5 for bicycles. Fees are payable at the Student Accounts Office.

Computer Purchase Plans

ORU professors expect students to own their own computers and printers. Both hardware and software specifications can be obtained from the following webpage: <http://compspecs.oru.edu>. All student computers should have the Windows XP or Mac OS-X operating system. All other software can be purchased at the ORU Bookstore when students arrive on campus. The bookstore often offers software at prices that have educational discounts. Students are encouraged to consult with either their professors or contact persons before purchasing software. A student may purchase a computer and printer from any source or bring them from home if they meet minimum requirements.

Financial Aid may be available to assist a student in financing a computer. Any interested student needs to notify his or her financial aid specialist at ORU for more information. A student can use financial aid for a computer purchase once every four years. A student needs to wait until financial aid is disbursed to apply for a refund. Then the student can utilize the refund towards the computer purchase.

Questions about computer needs while students are at ORU can be answered by staff in the Admissions Office at (918) 495-6529 or from the specific ORU departments and colleges listed below.

Behavioral Sciences Department

- *Psychology*

Contact Person: Randall Feller (rfeller@oru.edu or 918-495-6544)

- *Social Work*

Contact Person: Lanny Endicott (lenticott@oru.edu or 918-495-6543)

Biology and Chemistry Department

- *Biology*

Contact Person: Marcia Matthews (mmatthews@oru.edu or 918-495-6930)

- *Science Education*

Contact Person: Catherine Klehm (cklehm@oru.edu or 918-495-6919)

- *All chemistry majors*

Contact Person: William Collier (wcollier@oru.edu or 918-495-6927)

College of Business

- *All majors and degrees*

Contact Person: Bill Elliott (belliot@oru.edu or 918-495-7114)

Communication, Arts, and Media Department

- *Drama, Drama-Television-Film Performance*

Contact Person: Laura Holland (lholland@oru.edu or 918-495-6870)

- *Media Communication*

Contact Person: Charles Zwick (czwick@oru.edu or 918-495-6872)

- *Organizational-Interpersonal Communication*

Contact Person: Agena Farmer (afarmer@oru.edu or 918-495-6882)

- *Graphic Design Print and Video*

Contact Person: Jason Howell (jhowell@oru.edu or 918-495-6612)

- *Studio Art*

Contact Person: Nathan Opp (nopp@oru.edu or 918-495-6212)

- *Art Education*

Contact Person: Darlene Gaskill (dgaskill@oru.edu or 918-495-6213)

- *Communication Arts Education*

Contact Person: Denise Miller (dmiller@oru.edu or 918-495-6375)

College of Education

- *All bachelor's degree programs*
- *All master's degree programs*
- *Doctor of Education degree program*

Contact Person: Gerald Landers (glanders@oru.edu or 918-495-7001)

Engineering, Computer Science, Physics, and Mathematics Department

- *Engineering and Engineering Physics*

Contact Person: Xiaomin Ma (xma@oru.edu or 918-495-6934)

- *Computer Information Technology*

Contact Person: Dave Eland (daveland@oru.edu or 918-495-6699)

- *Mathematics, Mathematics Education*

Contact Person: Robert Steward (rsteward@oru.edu)

English and Modern Languages Department

- *All English and writing majors*

Contact Person: Linda Gray (lgray@oru.edu or 918-495-6761)

- *All foreign language majors*

Contact Person: David Farnsworth (dfarnsworth@oru.edu or 918-495-6768)

Health, Physical Education, and Recreation Department

- *All majors*

Contact Person: Scarlet Johnson (sjohnson@oru.edu or 918-495-6821)

History, Humanities, and Government Department

- *All majors*

Contact Person: Warren Rieger (wrieger@oru.edu or 918-495-6067)

Music Department

- *All majors*

Contact Person: Tim Waters (twaters@oru.edu or 918-495-7619)

College of Nursing

- *Nursing*

Contact Person: Laurie E. Doerner (lidoerner@oru.edu or 918-495-6146)

College of Theology and Missions

- *All undergraduate majors*

Contact Person: Carol Blan (cblan@oru.edu or 918-495-6098)

- *All graduate majors*

Contact: The Graduate School of Theology and Missions

Distance Learning Programs

- *All majors*

Contact Person: Gweth Holzmann (gholzmann@oru.edu or 918-495-6466)

Telephone Service

Unlimited access to campus and Tulsa-area phone service, including 911 emergency service, is provided at no cost to campus residence students during the fall and spring semesters. There are no installation, repair, or maintenance fees for normal service. Students are free to change rooms without a change-of-service fee as long as they notify the Telephone Center of the room change.

Students who wish to have long distance access must register with the Telephone Center for a Personal Authorization Code (PAC number). With the use of their

PAC number, students may place long distance calls from their rooms or from any phone on campus. There is no monthly service charge for long distance service. Students receive separate, itemized long distance bills each month and are charged only for calls made with the use of their PAC number. Caller ID service is available for a small monthly service charge.

To access the ORU phone system in their rooms, students must provide their own touch-tone phones. Pay phones are located in each residence hall and most campus buildings.

Monthly long distance bills are to be paid in the Telephone Center. Customer service personnel are available during regular business hours. More information is available by contacting the Telephone Center at (918) 495-7770.

STUDENT ACCOUNTS

Settlement of Accounts

All accounts are due and payable at the beginning of each semester. Payment may be made by cash, check, credit card, or money order. In addition, the university offers a tuition installment plan. Payments made are to be in accordance with predetermined payment schedules. Detailed information regarding the plan may be obtained in the Student Accounts Office. Payments made late or not in accordance with the schedule subject students to disciplinary actions.

The university reserves the right to suspend and dismiss students for nonpayment of amounts due. In the case of a suspension, a fee of \$50 is charged for reinstatement after the account is paid in full.

Students' identification numbers should be included with all payments.

Prior Balances must be paid to be eligible to complete the registration process each semester. Candidates for graduation must have their accounts paid in full two weeks before commencement to participate in graduation exercises. Transcripts and diplomas are not issued by the university until the student's account is paid in full.

Advance Payments should be mailed at least four weeks prior to the first day of classes or paid in person at the Student Accounts Office. Definite financial arrangements must be made before validation to attend classes.

Enrollment Deposits are applied to the first semester's charges at the time of registration and are refundable prior to May 1 for new students or June 1 for returning students and November 1 for the spring semester.

Refunds are made only after all amounts owed by the student to the university are fully paid. Refunds must be requested in writing at the Student Accounts Office and are made according to the Refund Policy. Any credit card payments made on the account during the academic year will be refunded back to the card prior to the processing of a refund.

Tuition Refunds

If a student drops or withdraws from any class or withdraws from the university and initiates the appropriate form at the Student Development Office, except for graduate theology students who process their withdrawals in their dean's office, refund of tuition during a fall or spring semester is made according to the following schedule:

90%	first and second weeks
50%	third and fourth weeks
25%	fifth through eighth weeks
	no refund after the eighth week

Fees are not refundable after the 100% tuition refund deadline. Any student withdrawing from ORU within 30 days from the end of the semester will not receive any prorated refund for university housing charges.

The tuition refund is calculated from the approval date for dropping or withdrawing from courses by the registrar. Non-attendance of classes *does not* constitute an official withdrawal or course drop. These payment percentages are also applicable to students who are more than full-time and drop to full-time status, as well as those who are full-time and drop to part-time status. Withdrawal or dropping to less than full-time enrollment may affect a student's financial aid, resulting in the loss of loans, grant funds, and/or institutional aid.

Area Banking

Several banks are located near the university, and students are encouraged to establish personal checking accounts in Tulsa to handle financial needs. The Student Accounts Office may not be used as a banking service. Excess funds for spending money are not to be deposited in students' accounts at ORU.

Veterans' Certificate of Eligibility

Oral Roberts University is fully recognized by the Veterans' Administration. Veterans desiring to take advantage of educational benefits must initiate procedures with the Veterans' Administration, which issues the university a Certificate of Eligibility for veterans. Official notification of acceptance by the university is needed before a student can begin procedures for receiving these benefits. Veterans desiring benefits should contact the Registrar's Office during the first week of classes.

FINANCIAL AID PROGRAMS

The Financial Aid Office at ORU is dedicated to providing the necessary financial assistance to all students as they strive to meet their educational goals. The following information outlines the various types of financial assistance, how and when to apply for financial aid, and policies that govern financial aid programs.

For additional information regarding financial aid, students should visit <http://www.oru.edu/finaid> or contact the Financial Aid Office via phone at (918) 495-6510. Requested documents may be mailed to ORU Financial Aid, 7777 S. Lewis Ave., Tulsa, OK 74171.

Types of Aid

ORU Scholarships and Grants

The Admissions Scholarship Committee initially grants ORU merit-based scholarships. A preliminary scholarship calculator is available at www.oru.edu/finaid. To be considered, students must be admitted to the university and submit appropriate scores to the ORU Admissions Office.

ORU has a variety of departmental and program awards based on leadership, service, and talent such as music, art, student publications, resident advisor (RA), chaplain, and academic peer advisor (APA) positions. Students interested in these awards need to contact the individual departments for more information.

Students in distance learning programs are not eligible for ORU scholarships and grants. They may, however, apply for federal financial aid. Students must be enrolled in 12 residential hours in order to be eligible for any institutional aid.

Federal Financial Aid

Federal financial aid consists of grants, work study, and loans. To apply for federal financial aid, students complete the Free Application for Federal Student Aid (FAFSA) form online at www.fafsa.gov. The online FAFSA is available as early as January 1 for the following fall semester, and priority awarding is given to those who have completed their files prior to April 16.

Each student who has applied for financial aid receives an award notification when an award package has been completed. The student is then directed to log on to Vision at <https://vision.oru.edu> to see his or her financial aid package.

Students must submit all required documents listed on Vision in order to register for classes. These documents include promissory notes for accepted loans as well as other documents related to federal financial aid programs. All students are encouraged to complete their financial aid file by July 15th to ensure a smooth registration and disbursement process.

Other Funding

There are various types of private funding sources for grants and loans. Information is available from various publications in libraries and bookstores, as well as on ORU's Financial Aid Internet Web page at <http://www.oru.edu/finaid>.

State grants are available for those who qualify. Students interested in obtaining a state grant need to complete the FAFSA prior to their state deadline and contact their state departments of education for additional information.

Undergraduate Financial Aid

Premier Merit Scholarships

National Merit Scholarships are awarded to National Merit Finalists who are receiving a college sponsored scholarship. Contingent upon a maintained cumulative GPA of 3.5, college-sponsored National Merit students who entered ORU prior to fall 2010 receive Whole Person Merit funds up to the total of direct costs (tuition, academic fees, room, board) after receiving their National Merit funding. Students receiving corporate-sponsored National Merit awards receive National Merit funds contingent upon maintaining a cumulative GPA of 3.25.

Whole Person Scholarships are awarded to nominated students who have participated in the ORU Scholarship Day competition. Amounts of awards vary and are renewed annually contingent upon an individual Whole Person Assessment.

Honors Program Scholarships are awarded to qualified applicants and range from 50% to full tuition each academic year. Applications must be received by January 15th for consideration, and renewal is based upon a maintained cumulative GPA of 3.50

Merit Awards

Whole Person Merit Awards are available to first-time freshmen, transfer, and readmit students and are automatically awarded upon acceptance to the University to those who qualify. Award amounts range from \$2,000 to \$8,500 as set by admissions criteria. All awards up to \$6,000 require a 2.5 cumulative GPA, and awards above \$6,000 require 3.0 cumulative GPA for annual renewal.

Other Scholarships

Departmental Awards (such as Student Association, English, or Student Leadership) are given on the basis of demonstrated talent and/or service rendered in the area being considered. Specific departments must be contacted for applications or auditions as they determine the size of the award.

Endowed Scholarship Funds have been donated by friends and partners of the university for ORU students in financial need who meet certain profile criteria. Information and applications for these funds are available at www.oru.edu/finaid.

Grants

Academic Competitiveness Grant (ACG) is awarded to freshmen based on FAFSA results and a rigorous secondary school program; sophomores are eligible for renewal based on FAFSA results and cumulative GPA of 3.0 for their first academic year. Freshmen receive \$750 while qualified sophomores receive \$1300 per academic year.

Alumni Tuition Grants are awarded to undergraduates whose parents graduated from ORU with a bachelor's or master's degree. Determination of eligibility is made upon admission and renewal is based upon student's cumulative GPA.

Athletics Grants are awarded on the basis of proven athletic ability and range up to full tuition, fees, room, board, and books.

Federal Pell Grants are awarded on the basis of the FAFSA results to undergraduate students with demonstrated financial need who are working toward their first bachelor's degree. Awards range up to \$5,550 per year for full time students; part-time students receive proportional amounts to their charges as determined by the federal government.

Federal Supplemental Educational Opportunity Grants (SEOG) are awarded based on results of the FAFSA and are reserved for undergraduate students with exceptional financial need. The award ranges up to \$750 per academic year.

National Smart Grants are awarded to juniors and seniors based on FAFSA results, cumulative GPA, and majors in physical science, life science, computer science, engineering, mathematics, technology, or critical foreign languages. Qualified recipients are awarded \$4000 per academic year.

Oklahoma Tuition Aid Grant (OTAG) is awarded by the Oklahoma State Regents for Higher Education based on FAFSA results to both full-time and half-time undergraduate students who have been legal residents of Oklahoma at least two years prior to enrolling at ORU and who file their FAFSA prior to April 1. Funds are disbursed at the midpoint of each semester.

Oklahoma Tuition Equalization Grant (OTEG) is awarded by the Oklahoma State Regents for Higher Education based on FAFSA results to both full-time and half-time undergraduate students who have been legal residents of Oklahoma at least two years prior to enrolling at ORU. Funds are disbursed at the midpoint of each semester.

Oklahoma's Promise (OHLAP) is awarded by the Oklahoma State Regents for Higher Education based on participation in the program throughout high school. Upon graduation, qualifying students receive a set dollar amount from the state per enrolled credit hour at Oral Roberts University (adjusted annually). Oklahoma's Promise students are required to maintain a cumulative GPA of 1.70 for their freshman year and 2.0 for subsequent years. Funds are disbursed at the midpoint of each semester.

ORU Need Grants are awarded on the basis of the FAFSA need analysis results to students demonstrating exceptional financial need after all other financial assistance has been awarded. Need grants amounts may be reduced if other sources of institutional aid are obtained and are not guaranteed for renewal.

Pennsylvania State Grants are awarded on the basis of the FAFSA results by the Pennsylvania Higher Education Assistance Agency (PHEAA) contingent upon maintenance of satisfactory academic progress and residency in the state of Pennsylvania. Priority consideration is given to those who file their FAFSA by May 1st. Funds are disbursed at the midpoint of each semester.

Rhode Island State Grants are awarded on the basis of the FAFSA results by the state of Rhode Island. Priority consideration is given to those who file their FAFSA by March 1st.

Teen Mania Grants are available to graduates of Teen Mania's Honor Academy on a first-come basis. Award determination is made upon acceptance to the university and certification of completion with the Honor Academy. Teen Mania Grants may be renewed annually based upon a maintained cumulative GPA of 2.75.

Vermont State Grants are awarded by the state of Vermont to qualified students who have completed a FAFSA. Awards are given on a first-come, first-awarded basis and vary in amount.

Loans

Federal Perkins Loans are awarded on the basis of the FAFSA results to full-time students. Interest is deferred while the student is in school but begins to accrue at a fixed 5% rate nine months after the borrower ceases to be enrolled at least half-time at an eligible institution.

Federal Stafford Loans are awarded to students on the basis of FAFSA results and exist in subsidized and unsubsidized forms. Direct Subsidized Stafford Loans have a 4.5% fixed interest rate deferred as long as the borrower is enrolled at least half-time, while Direct Unsubsidized Stafford Loans accrue interest quarterly at a fixed rate of 6.8% during attendance. Repayment for both types begins six months after the borrower ceases to be enrolled at least half-time at an eligible institution. Dependent undergraduate students may not borrow in excess of \$31,000 combined subsidized and unsubsidized while independent undergraduate students (or those who are denied the PLUS loan on credit) are limited to \$57,500 combined total. Regardless of combination, the subsidized portion of the loan may not exceed \$23,000.

Federal Direct Parent Loans for Undergraduate Students (Direct PLUS) may be secured by parents of dependent students for amounts up to the cost of education minus other aid awarded. Disbursement of the Direct PLUS loan is contingent upon the parent's approved credit. Interest is charged on the loan from the date of the first disbursement at a fixed rate of 7.9% until the loan is paid in full. Repayment begins within 60 days of the final disbursement unless other arrangements (including in-school deferment or forbearance) have been made with the Direct Loan government program.

Employment

Federal Work Study is awarded on the basis of the FAFSA results. The actual amount received by the student is determined by the number of hours worked, not to exceed \$2,500 per academic year. Federal work study opportunities both on and off campus are listed online at <http://www.orugoldenhire.com>.

Institutional Work Study is awarded as a non-need-based program independent of FAFSA results. The actual amount received by the student is determined by the number of hours worked, not to exceed \$2,500 per academic year. Institutional work study opportunities on campus are listed online at <http://www.orugoldenhire.com>.

International Work Study is awarded to international students. The actual amount received by the student is determined by the number of hours worked, not to exceed \$3,270 per academic year. International work study opportunities on campus are listed online at <http://www.orugoldenhire.com>.

Graduate Financial Aid

Assistantships

College of Business awards range from \$600 to \$1,100 per semester and are based on a minimum index score of 110, as determined by the College of Business.

College of Education awards are available to incoming graduate students as funds are available.

College of Theology and Missions awards multiple funds based on entering GPAs, cumulative GPAs, church matching, and alumni status. The academic scholarship minimum GPA requirement is 3.50 with awards ranging from \$700 to \$1,700 per academic year. Students are strongly encouraged to file the FAFSA to qualify for the maximum amount of available funding.

Loans

Federal Stafford Loans are awarded to students on the basis of FAFSA results and exist in subsidized and unsubsidized forms. Direct Subsidized Stafford Loans have a 4.5% interest deferred as long as the borrower is enrolled at least half-time, while Direct Unsubsidized Stafford Loans accrue interest quarterly at a fixed rate of 6.8% during attendance. Repayment for both types begins six months after a borrower ceases to be enrolled at least half-time at an eligible institution.

Federal Direct PLUS Loans for Graduate Students (Direct PLUS) are federally sponsored loans for graduate students. Students may borrow up to the full cost of their education less other aid received, including Federal Direct Stafford Loans. The Direct Graduate PLUS Loan is a credit-based loan with an interest rate fixed at 7.9%. The loan goes into repayment 60 days after it is fully disbursed and has a repayment period of up to 10 years. Students can defer repayment of principal and interest while enrolled at least half-time in an eligible program. A FAFSA is required to apply for a Direct Graduate PLUS.

Financial Aid Policies

Satisfactory Academic Progress

ORU students must maintain satisfactory academic progress (SAP) to receive financial aid. Undergraduates must meet or exceed the requirements that follow. Students who do not meet the minimum GPA/hour requirements after the scheduled academic year (fall/spring) are not eligible to receive further financial assistance until they have met the requirements. The Registrar's decision concerning enrollment at ORU is separate from the decision of eligibility for financial aid.

The minimum SAP requirements at the end of each academic year (fall/spring) are as follows:

Attempted hours	GPA
1-26	1.50
27-59	1.75
60+	2.00

In addition to these GPA/hour requirements students must complete at least 75% of their hours attempted each academic year and cannot exceed 192 total attempted hours. Transfer students are positioned relative to the number of college credits accepted by ORU. Credit is not awarded for noncredit or audited courses, or for grades of F, I, or W.

Graduate students must meet all requirements for retention in their respective graduate programs (including GPA) as listed in the college sections of this catalog.

Students not meeting the above requirements can take summer courses to remove deficiencies. Freshmen and sophomores are given an automatic year of probation when not making satisfactory academic progress, but must be making progress by the conclusion of the sophomore year in order to receive additional aid. Juniors and seniors may appeal a denial of aid with proper documentation when extenuating circumstances exist.

ORU Maximum Aid

The maximum amount of ORU scholarship and grants (institutional aid) a student can receive in each academic year (with the exception of athletic grants and ORU National Merit Scholarships) is limited to tuition costs. ORU awards that exceed this total are reduced to be in compliance with this policy and cannot be used in future semesters. ORU scholarships for undergraduate students are limited to four years (eight consecutive semesters).

Full-Time Requirement

All ORU grants and scholarships require full-time enrollment each semester. Undergraduate students in residential classes are considered full-time when enrolled in 12 hours or more per semester. Students taking all correspondence courses are never considered as more than half-time students for financial aid purposes, even if they are taking more than 12 hours. Graduate students in the Graduate Schools of Business and Education are considered full time with nine hours of enrollment while Graduate Theology and Missions students are full time with twelve hours of enrollment.

A student who has been awarded financial aid as a full-time student but who is not enrolled as a full-time student by the drop/add deadline will be reclassified as a part-time student for the purposes of receiving financial aid. Institutional aid and loans will be adjusted.

Financial Aid Disbursement

Financial aid awards are credited to students' accounts after the drop/add period. Students will receive a refund of excess federal and outside financial aid from the Student Accounts Office if the funds received exceed institutional charges and all financial aid files are complete. First-time students may be subject to a 30-day federal delay in the disbursement of loan funds to ORU.

Students should arrive at ORU with funds to cover a minimum of three month's living expenses and be able to pay institutional charges at ORU.

Withdrawal

Federal law requires that when a student withdraws during a payment period or period of enrollment, the amount of financial aid "earned" up to that point be determined. If the student received less financial aid than the amount earned, the student will be able to receive those additional funds; if the student has received more financial aid than the earned amount, the excess funds will be returned to their sources and the student may owe ORU for institutional charges.

The amount of assistance earned is determined on a pro-rated basis. For example, if 30% of the payment period or period of enrollment has been completed, the student has earned 30% of the originally scheduled financial assistance. Once the student has completed more than 60% of the payment period or period of enrollment, all assistance is earned.

Disclosure of Information

ORU's policy on the disclosure of financial information is governed by the Family Educational Rights and Privacy Act (FERPA) and can be found in the next section of this catalog.

ACADEMIC INFORMATION AND POLICIES

ACADEMIC RECORDS

The Registrar's Office maintains a file on each enrolled student. Student files contain correspondence and communication that take place between the student, the university, and the public. Information within the file is maintained according to the Family Educational Rights and Privacy Act (FERPA) of 1974, as amended. This act was designed to protect the privacy of education records, to establish records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students have the right to file complaints with FERPA concerning alleged failures by the institution to comply with this act.

Students may access their grade reports via the Web at the end of each semester. It is the student's responsibility to seek correction for any apparent errors and to keep the Registrar's Office informed of any mailing address changes. Failure on the student's part to seek correction within one year after the conclusion of the semester the course was taken indicates that records are accurate as stated.

THE FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records beginning the first day of class.

These rights are as follows:

- **The right to inspect and review the student's education records** within 45 days of the day the university receives a request for access. Students should submit to the registrar written requests that identify the record(s) they wish to inspect. The university official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the university official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

mit to the registrar written requests that identify the record(s) they wish to inspect. The university official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the university official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

- **The right to request the amendment of education records** that the student believes is inaccurate or misleading. A student may ask the university to amend a record that he or she believes is inaccurate or misleading. The student should write the university official responsible for the record, clearly identify the part of the record to be changed, and specify why it is inaccurate or misleading. If the university decides not to amend the record as requested by the student, the university will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

- **The right to consent to disclosures** of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests. A school official is defined as a person employed by the university in an administrative, supervisory, academic, or support staff position (including law enforcement unit and health staff); a person or company with whom the university has contracted (such as an attorney, auditor, degree, or enrollment verification service such as the National Clearinghouse, or collection agent); a person serving on the Board of Trustees or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

ORU designates the following categories of student information as public or "Directory Information." Such information may be disclosed by the institution for any purpose, at its discretion.

Category I: Name, address, telephone number, dates of attendance, classification.

Category II: Previous institution(s) attended, major field of study, awards, honors, degree(s) conferred (including dates).

Category III: Past and present participation in officially recognized sports and activities, physical factors (height, weight) of athletes, date and place of birth.

Category IV: Grade reports to parents or guardians of undergraduate students who are of dependent status.

Currently enrolled students may withhold disclosure of any category of information under FERPA. To withhold disclosure, written notification must be received in the Registrar's Office.

- The right to file a complaint with the U.S. Department of Education concerning alleged failures by the university to comply with the requirements of FERPA. The following is name and address of the office that administers FERPA:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-4605

Undergraduate students declare dependent or independent status as part of the registration process. Dependent or independent status is based on whether or not the student was claimed on the parents' most recent IRS Tax Form. ORU reserves the right to amend dependent/independent information that is deemed inaccurate. Parents may obtain non-directory information (grades, GPA, etc.) only at the discretion of the institution and after it has been determined that their child is legally their dependent. Dependent status can be established via the submission of a certified copy of the parents' most recent Federal Income Tax Form unless there is a court order, state statute, or other legally binding document prohibiting such. Parents also may obtain non-directory information by obtaining a signed consent from their child.

More information, including a tutorial, is available on the ORU website.

ENROLLMENT

Classification of Students

A student's classification is determined as follows:

- Freshman—fewer than 27 semester hours
- Sophomore—27 to 59 semester hours
- Junior—60 to 89 semester hours
- Senior—90 semester hours or more

The standard number of semester hours needed to receive an undergraduate degree is 128; however, some degrees require more hours, as specified in the department sections of this catalog.

Classification of Courses

Courses are identified with letters and numbers. The letters refer to the subject area, and the first digit of the course number indicates the level.

100s	First year
200s	Second year
300s	Third year
400s	Fourth year
500 and above	Graduate or professional

For each term, five-digit Course Reference Numbers (CRNs) are assigned to each course section to facilitate registration.

Catalog Requirements and Readmissions

A candidate completing a degree program at ORU within the regular time period outlined for the degree or in a period of continuous full-time enrollment may earn the degree under the catalog of the year of matriculation or choose to meet the full requirements in the catalog of any one of the intervening subsequent years. This must be done in writing and submitted to the Registrar's Office.

A full-time student who is readmitted and whose re-enrollment is continuous to graduation may meet the full requirements of the catalog of the year in which the student re-enrolls or the full requirements of the catalog of any one of the intervening subsequent years. Any student not maintaining continuous enrollment must meet the requirements of the catalog of the most recent year of entry.

Seven years is the time limit a student has to meet the degree requirements under a particular catalog. After seven years, the student is required to satisfy the requirements of the newest catalog. Prior credits earned do not expire, however.

Registration

Students, with the approval of their academic advisors, plan their programs in accordance with the degree plans for their declared majors or graduate programs as outlined in this catalog or any curriculum changes approved since publication. Student enrollment must be completed according to the academic calendar.

No registration is final until the Honor Code has been formally accepted and signed in chapel.

No contract arises from enrollment; the university reserves the right to alter its rules and regulations at any time. The university reserves the right to cancel any course for which enrollment is considered insufficient.

Non-Traditional Coursework

Courses by Special Arrangement

With the permission of the student's advisor, the department concerned, and the instructor of a particular subject listed in the online course schedule, a student may complete a course by special arrangement/directed study. Directed study courses are charged at the same rate as other residential courses. The objectives of the course, as defined in the current syllabus, must be met. Special assignments, tests, and conferences may be required to satisfy the instructor and department concerned that the objectives have been achieved. A course of study that involves extensive work while the student is absent from the campus can be pursued only upon the approval of a petition presented to the dean of the respective college.

Online Courses

Online courses offered through the ORU distance learning are eight weeks in duration. Those offered through one of the university's residential academic departments last the entire semester (16 weeks). A residential student wanting to take an ORU distance learning course during the fall or spring must file a Petition for Policy Exception with the dean of the distance learning. It must also be approved by the academic advisor and department chair by the last day to add classes. Online course enrollment during the fall or spring semesters contributes to the fulfillment of the 12-hour minimum for full-time status; however, it may affect full-time financial aid.

Off-Campus and Study Abroad Programs

Students may design personalized study abroad programs, working closely with academic advisors to develop a proposed program at least one year in advance of studying abroad. Prior to going abroad, the proposals must be approved by ORU's International Study Committee.

ORU awards credit for the following off-campus programs (semester and summer) offered by the Council for Christian Colleges and Universities (CCCU).

CCCU Semester Programs

The Australia Studies Centre (ASC) seeks to prepare students to live the Christian life in a religiously and culturally pluralistic world. Students examine the many faces of Australia and are challenged to grapple with the meaning of being salt and light in the culture-shaping arena of the professional performing artist.

The American Studies Program (ASP) is designed to help students integrate faith with the realities of the marketplace and public life. Through a semester of experiential learning in Washington, DC,

ASP students explore their career interests while examining specific public policy issues.

The China Studies Program enables students to view China from the inside and to experience its culture and its diversities. Although students reside primarily on the campuses of China's premier universities in Xi'an and Shanghai they also experience Beijing, Hong Kong, and other areas. Students study the Chinese language, geography, history, religion, and culture. A service opportunity allows students to assist in English classes.

The Contemporary Music Center, on the island of Martha's Vineyard, offers students the opportunity to study and work with faculty and music industry experts who share an interest in making and marketing contemporary music. The program is for any student considering a career as a musician, vocalist, songwriter, producer, engineer, artist manager, booking agent, A&R director, marketing executive, music publisher, concert promoter or entertainment industry entrepreneur. An intensive field experience in Nashville is included.

The Latin American Studies Program is based in San Jose, Costa Rica. It allows students to experience cross-cultural living, to deepen their understandings of the Lordship of Christ in an international context, to explore the economic, political, social, and cultural realities of Latin America, and to examine North America's relationship with its Latin neighbors.

The Los Angeles Film Studies Center exists to introduce students to the work and workings of Hollywood and to prepare them to serve with professional skill and Christian integrity in the film industry.

The Middle East Studies Program, based in Cairo, Egypt, helps students understand the history, religions, peoples, and cultures of this fascinating and complex region. Students also gain an appreciation of the Middle Eastern church and an understanding of the economic and political realities that influence the quest for peace in the Middle East.

The Scholars' Semester in Oxford presents a rigorous academic program aimed at increasing critical thinking skills and scholarship. Students choose from a wide variety of tutorial study programs in the arts, religion, history, economics, philosophy, and many others. A small group seminar and an integrative course are designed to guide students on faith and learning issues. Field trips accentuate England's rich historical setting.

The Russian Studies Program is unique in that it draws on the resources of three Russian cities. Students spend 10 days in Moscow, 12 weeks in Nizhni Novgorod, and 10 days in St. Petersburg studying the history, culture, religion, politics, language, and current events of Russia.

The Uganda Studies Program offers students a personal encounter with this country, which has become an economic and public health model in its region. Program courses taught by local faculty in the English tutorial tradition immerse students in a uniquely African experience. Topics such as African literature, African history, and Christianity and Islam in contemporary Africa provide insights into African life because of the guidance of local faculty.

The Washington Journalism Center provides a semester of experience on Capitol Hill. Students use professional news skills and learn about being a Christian working in the news media of the nation's capital.

CCCU Summer Programs

The Oxford Summer Programme is designed to enable students to gain a more comprehensive understanding of the relationship between Christianity and culture and to participate in specialized study

under Oxford academicians. This is a five-week study program built around lectures focusing on Christianity and the development of Western culture. In addition to lectures, students enroll in a Field Seminar and a Topical Seminar. The program is appropriate for rising sophomores, juniors, and seniors; graduate and seminary students; non-traditional students; and those enrolled in continuing education programs.

Other Programs

ORU also participates with the following programs:

Au Sable Institute of Environmental Studies. Information is available in the Biology and Chemistry Department section of this catalog. (This is on the CCCU registry.)

The Focus on the Family Institute, located in Colorado Springs, offers a multidisciplinary curriculum for students from ORU and other participating colleges from the Council for Christian Colleges and Universities. The Institute focuses on topics related not only to psychology, sociology and family studies, but also to leadership, social ethics, public policy, philosophy and theology. (This is on the CCCU registry.)

The Recording Workshop. Information is available in the Music Department section of this catalog.

The H.E.A.R.T. Institute (Hunger Education and Resources Training) is an interdenominational center that trains students to serve in Third World locations. Located in Florida, the center simulates village life to provide students with practical, hands-on experience. The curriculum includes technical, problem solving, and coping skills in an effort to prepare students for challenging endeavors overseas.

Credit by Examination or Demonstration

With the permission of the department chair or dean concerned, students currently enrolled in the university may petition to demonstrate (either by examination or other means) mastery of the usual course material covered to earn credit in any subject listed in the catalog. Students may not petition for credit in this manner for courses in which they have been enrolled during previous semesters. After successfully petitioning, students must enroll in Section 85 (the test-out section) of the desired classes before the last day to add classes. The student and department faculty involved then schedule the demonstration.

Students who attempt to receive credit for courses by examination or demonstration will have the grades posted on their transcripts. Grades of "A," "B," or "C" are posted as earned. The words "test-out" appear as part of the course title on the ORU transcript. Grades of "D" or "F" are posted as "NP" (no pass). Students who do not take the exam or complete the required demonstrations and neglect to drop the courses by the end of the drop period for the semester receive grades of "F," which are posted as "NP" (no pass).

Graduate students and part-time undergraduate students are charged one-half tuition for recording the credit. Full-time undergraduate students are charged one-half tuition for any hours over 18.5.

If a student takes the exam before the add/drop deadline and receives a grade of "NP," the student may petition to enroll in a non-test-out section of the class. The petition must be approved by the professor of record, college dean, Director of Student Accounts, and registrar. The student must pay the difference between the original tuition charge for a test-out class and the full tuition charge for a non-test-out section of the class.

Continuation as a Student

Continuation as a student at Oral Roberts University is not automatic. Basic academic, spiritual, and physical requirements must be satisfied. Additionally, all prior balances must be paid in full.

Students admitted on probation must earn sufficient credit within the first academic year to be removed from probation. Failure to be removed from probation may result in suspension. Students consult with their program advisors prior to each enrollment period. Progress for students is monitored by the advisors and the students, based on the appropriate degree plan sheet.

Retention for graduate students is contingent upon the following:

- Students must maintain the standards, grades, and grade point averages appropriate to the degree programs in all work done for credit (including HPE courses) toward meeting the degree requirements.
- Students must meet the requirements of a physical activity by enrolling in and passing HPE courses as specified in their degree plans.
- Students must attend chapel according to the guidelines established by Student Development.

Students must maintain the lifestyle as defined in the student handbook.

The university may request the withdrawal of students at any time if they fail to comply with the standards and regulations of the institution or are not compatible with its philosophy. It is imperative for students to understand that attending and receiving a degree from ORU is a privilege, not a right.

Course Loads

Fall and Spring Terms

Undergraduate

Full-time student status for the fall or spring semesters is defined as being enrolled in a minimum of 12 credit hours; thus, a student must be enrolled in at least 12 credit hours to be considered full-time and to be eligible for benefits of full-time status, such as most forms of financial aid.

The typical course load consists of 16 hours each semester; however, in some disciplines the load may be heavier. Recorded course withdrawal does not change full-time status unless the student withdraws from all courses, which indicates withdrawal from the university. Residential students wanting to enroll in online courses during the fall and spring semesters must submit a petition to the dean of distance learning. Online courses contribute toward the fulfillment of the 12-hour requirement; however, it may affect full-time financial aid.

Undergraduate students wanting to take more than 18.5 hours in a given semester must get written permission of the major department chair. Students may not take more than 24.0 hours in a given semester.

Graduate

The full-time load for master's-level students in the Graduate School of Business, the Graduate School of Education, and the Graduate School of Theology and Missions is nine hours.

The full-time load for doctoral students in the Graduate School of Education is six hours per semester while enrolled in the course-work phase of the program. Two hours per semester constitutes a full-time load when enrolled in dissertation. Students in the dis-

sertation phase are required to enroll in a minimum of two credits for the fall and spring semesters (continuous enrollment) until their dissertation is successfully defended or the student is withdrawn from the program. The student must complete a minimum of eight dissertation credit hours.

The full-time load for doctoral students in the Graduate School of Theology and Missions is six hours per semester while enrolled in the coursework phase of the program. One hour per semester is considered full-time when enrolled in the project phase.

Summer Sessions

Full-time student status during a summer session is defined as being enrolled in a minimum of three credit hours. A student may enroll in a maximum of six credit hours in a summer session only if the course includes a one-hour lab, a five-hour foreign language course, or if the enrollment includes an HPE activity course. Students may enroll in a maximum of six hours of online courses during an eight-week session.

A student may also enroll in online courses during the summer term. A maximum of 16 combined hours (residential and online) is permitted during the summer.

Full-Time Status for Students with Disabilities

Students who have a self-identified disability and unable to enroll in the required number of semester hours to meet the ORU definition of full-time status may request an accommodation allowing them to enroll in part-time hours while remaining on a full-time status. Requesting this accommodation could affect the student's financial aid. Students need to check with their financial aid counselors for more information. If this accommodation is approved, tuition is calculated on a per credit hour basis. The required procedure for requesting an accommodation follows:

1. Prior to the beginning of the semester, the student submits appropriate documentation of the disability to the Director of the Office of Student Resources, along with a request for a reduced course load.
2. The student must provide the Director of the Office of Student Resources with transcripts from ORU and/or previous institutions.
3. The Director of the Office of Student Resources forms a review committee, including the director and the student's academic dean or representative.
4. The review committee makes a decision on the student's request. If the accommodation is approved, the committee determines the duration of the program. In addition, all requirements applicable to full-time students as stated in the ORU student handbook apply, including, but not limited to, the residential policy, chapel attendance, and the HPE requirement.
5. At the end of the approved duration, the student may re-apply. The review committee reassesses the student's academic progress to determine if the accommodation will be renewed.

If the accommodation is not approved or renewed as requested, the student may appeal the review committee's decision by contacting the Director of Student Resources, as stipulated in the Reasonable Accommodation Policy of Oral Roberts University.

Adding and Dropping

Students may drop or add courses, with the approval of their faculty advisors and the departments in which the courses are offered, within the first two weeks of classes, provided the total load does not

exceed 18.5 hours. A signature from the major department chair is required to enroll in more than 18.5 hours. When a course is dropped after two weeks, a "W" is recorded for students passing at the time of the drop. For students not passing, "WF" is recorded. Students withdrawing from a class after the twelfth week receive a "WF." The "WF" is counted as an "F" in determining the grade point average. Students called up for military duty can request a "WM."

Class and Laboratory Attendance

Attendance Policy

It is assumed that students will make the most of the educational opportunities available to them by regularly and punctually attending class and laboratory periods. Therefore, regular class attendance is required as a condition of receiving credit for work done in the class.

A student absent from a class or laboratory period is subject to a loss of "privilege status," and the instructor may reduce the student's grade or deny credit for that course unless the student satisfactorily accounts for the absence.

Students who wish to appeal the instructor's decision may do so using this procedure: meet with the department chair for resolution of the excuse, then with the dean of that particular college, and ultimately with the Vice President for Academic Affairs.

The attendance policy for each course is stated in the syllabus for that course. Therefore, all matters of attendance and the privilege of making up assignments or tests, except for administratively excused absences, are between the student and the professor.

Late Exam Fee

Students taking a late exam because of an unauthorized absence are charged a late exam fee. Final exams cannot be given before their scheduled times. Students need to check the final exam schedule online before planning return flights or other events at the end of the semester.

Administrative Excuses

Students absent from a class or laboratory period at the request of the university administration are given an administratively excused absence by the Vice President for Academic Affairs. This excuse grants the students the privilege of making up assignments, tests, or other work missed because of the absences without unreasonable limitations or penalties. The only absences that are administratively excused are for official university business. The Vice President for Academic Affairs must sign all official administratively excused absences. All other absences are between the students and professors.

The Student Development Office does not give administrative excuses for individual absences, such as funeral leave or student illness. For funeral leave, the Student Development Office follows the policy that absences should be worked out between students and professors. Missing classes because of a funeral for someone other than immediate family members may be deemed as an unexcused absence by some professors. Student Health Services does not give administrative excuses for absences as a result of illness. This also is a matter between students and professors.

Grading System

Grade points are assigned to each grade: four grade points are awarded for each semester hour of "A," three for "B," two for "C," one for "D," and zero for "F." Other grades that may appear on the transcript include "W" (withdrawal), "WF" (withdraw/failure), "WM" (withdraw/military), "I" (incomplete), "E" (extension of incomplete), "P" (pass), "NP" (no pass), "AU" (audit), and "M" (missing grade). None of these other grades is used in the computation of the grade point average except the "WF." A minimum grade point average of 2.0 per semester hour must be earned for all undergraduate work and 3.0 for graduate work to qualify for graduation.

No grade below "C" may apply toward the major or professional education courses. Normally a grade of "C" is required for courses in concentrations. Generally, a course in which a "D" is earned may apply toward general education, minor, cognate, and general elective degree requirements. Some departments may have more rigorous requirements.

Incompletes

The grade of "I" is given for work that is incomplete at the time grades are given. It is given only after the instructor and the department chair or college dean approve a petition submitted by the student that his or her work is incomplete for good cause. It is the responsibility of the student to make up any incomplete work and ask the instructor to submit a grade change to the registrar. If this is not done in the subsequent semester, the incomplete will be changed to an "F." Graduating seniors must make up any incomplete work by March 1 to remain eligible for commencement participation.

Extension of Incompletes

The grade of "E" is given for work that remains incomplete longer than the one semester allowed to make up incomplete work. It is given only after the student establishes with the instructor and the department chair or college dean, by written permission, that his or her work remains incomplete for good cause. It is the responsibility of the student to make up any incomplete work and ask the instructor to submit a grade change to the registrar. If this is not done within the second semester following enrollment in the course, the extended incomplete will convert to an "F."

Course Withdrawal

If a student drops a course after two weeks, a "W" is recorded provided the student is passing at the time of the withdrawal. If the reason for withdrawal is being called for military duty, then the student can request a "WM." If the student is not passing, "WF" is recorded. Any student who withdraws from a class after the twelfth week receives a "WF," which is counted as an "F" in determining the GPA. A recorded course withdrawal form must be used to request a "W" or "WF." Undergraduate students enrolled full-time are not permitted to withdraw from their health fitness courses.

Course Repeat

A course may be repeated at ORU to replace the original grade. The course appears on the transcript with all grades given and a repeat flag, but only the most recent grade of a repeated course counts in the GPA. The student must notify the Registrar's Office of any repeated courses by completing a Report of Repeated Course form. Courses may be repeated outside ORU with departmental approval; however, grade point averages earned at ORU remain on the transcript

and are not affected by grades earned elsewhere. Double credit is not awarded for repeated classes. Some seminars, internships, music lessons, dance classes, ensembles, and HPE activity courses may be taken more than once for credit.

Pass/No-Pass Option

Junior students in good standing may choose the pass/no-pass option for any general elective courses above 12 hours each semester. Seniors in good standing may choose the pass/no-pass option for any general elective courses above one-half of their enrollments. This option must be declared during registration or by the last day to add classes for the semester. (More information is available in the Grading System section.)

Students choosing the pass/no-pass option receive a standard grade from the instructor, but this grade is converted to a "P" or "NP" grade on the grade report and transcript. Grades of "A," "B," or "C" are converted to a pass grade; grades of "D" or "F" are converted to the no-pass grade. Credits taken under the pass/no-pass option are not counted in the GPA. The pass/no-pass option may not be chosen to fulfill general education requirements or requirements for a major, minor, concentration, or cognate.

Audit

Undergraduate students (with the approval of the instructor) and graduate students (with the approval of the instructor, academic advisor, and dean) may enroll as audit without credit in any undergraduate or graduate course, respectively, offered by ORU by the last day to add courses for the semester. Students may request the option of receiving grades by notifying the registrar and obtaining credit for the course. Courses audited without credit will not count toward completion of a degree or load credit. Students are responsible for any tuition incurred as a result of requesting that courses be changed from audit to credit or vice versa. Some restrictions apply to the Graduate School of Theology and Missions.

Normally, regular class attendance as outlined in the syllabus is required to receive an audit on the transcript. A student who withdraws from an audit course by requesting that the instructor send a memo to the Registrar's Office before the last day of class shall have that course deleted from the transcript. If a student does not withdraw and does not meet audit requirements as determined by the instructor for the course, a "no pass" grade is recorded on the transcript.

Application for Graduation

The last 30 semester hours of a baccalaureate degree program, including at least six hours in the major field and the senior paper/project, must be taken at ORU. The minimum number of credits required for an undergraduate degree is 128 semester hours. Students should refer to the department and college sections for information regarding the number of hours and the specific requirements for completing degrees.

An application for an undergraduate or graduate degree must be filed with the Registrar's Office during the fall semester prior to commencement. This process is completed online. Undergraduate and graduate students completing their degree requirements in the fall or spring and undergraduate students with six or fewer hours to complete in the summer are eligible to apply for graduation. All monies owed to the university must be paid in full prior to commencement for students to participate in commencement exercises.

The diploma fee is nonrefundable for candidates who fail to submit requests to withdraw the application in writing by April 1. If, for any reason, a candidate does not complete a degree program by the anticipated graduation date, the student must complete any deficiencies by August 31 of that year.

Undergraduate students can participate in hooding and commencement activities if they have completed all of the graduation requirements or if they (1) have the Registrar's verification that they do not lack more than six hours from degree completion and (2) have enrolled in summer school to complete those courses.

Withdrawal from the University

A student withdrawing from the university must initiate the process by completing paperwork in the Student Development Office. If a student leaves campus before going to the Student Development Office, he or she must submit, in writing, a notice of withdrawal to the Student Development Office. The date that the notice is received constitutes the official date of withdrawal, and all applicable financial and academic policies will apply. The last day to withdraw from the university is the date for the final day of class. The calendar at the beginning of this catalog lists such dates.

PROBATION AND SUSPENSION

Academic

STUDENTS ARE EXPECTED TO MAKE SATISFACTORY PROGRESS TOWARD A DEGREE OR OTHER APPROVED OBJECTIVE TO BE ELIGIBLE TO CONTINUE ENROLLING IN THE UNIVERSITY.

A probation list, based on students' academic achievements for the previous 12 months, is compiled once each academic year prior to the fall semester.

Students are placed on probation if they fail to complete at least 75% of the hours attempted for the previous two semesters. Credit is not awarded for grades of "F," "I," or "W." Likewise, credit is not awarded for noncredit or audited courses. Students whose grade point averages fall below the minimums required for total quality hours are also placed on probation. These minimums appear in the following chart:

Total Quality Hours Attempted	Minimum GPA Required
1-32	1.50
33-64	1.75
More than 64	2.00

Students are removed from probation when they submit additional academic work sufficient to raise them to the minimum requirements. Academic progress is re-evaluated at the end of the following fall semester. Normally, students who are not removed from the probation list after one full year are suspended. Students on probation are generally not eligible for financial aid.

Students accepted into ORU on probationary status are subject to the same policies as students placed on probation. Graduate students should consult the graduate academic standing policies in the appropriate graduate sections.

Upon recommendation of the college dean and approval of the Vice President for Academic Affairs, a student may be put on probation or may be suspended at any time for severely inadequate academic work. Such suspension may be temporary or permanent.

Health and Physical Education Standards

Every student is required to make satisfactory progress toward physical fitness. ORU wants its graduates to be mentally alert, spiritually alive, physically disciplined, and socially adept. For this reason, all undergraduate students taking a minimum of 12 hours are required to enroll in and pass an HPE activity course each semester. Study Abroad students are not required to participate in an HPE activity course during their study abroad semester(s). Students may enroll in any one HPE activity course only twice for credit. Undergraduate students enrolled full-time are not permitted to withdraw from their health fitness courses.

To successfully complete HPE activity courses, students must earn a grade of D or better. An incomplete grade does not satisfy the HPE requirements. The Health, Physical Education, and Recreation section in this catalog provides a list of activity offerings. Graduate students, students in distance learning programs, and students 45 years of age or older are not required to take the swimming proficiency test.

Student progress is evaluated each semester. Students not fulfilling ORU's physical fitness requirements during the previous semester are placed on HPE probation. A student may be placed on HPE probation for failing to successfully complete an HPE activity course or for failing to enroll in an activity class or classes.

Students who are not removed from the probation list after one semester are suspended. Students on HPE probation or suspension are not eligible to graduate from the university.

Financial Obligations

Every student is required to meet financial obligations to the university according to the Settlement of Accounts section found under Financial Information in this catalog. Failure to meet these requirements may result in suspension.

HONORS

Honor Rolls

The Vice President for Academic Affairs' honor roll recognizes undergraduate students who carry at least 12 hours for credit in a semester, exclusive of pass/no-pass courses, and who attain a grade point average of 3.50 or higher with no grade below "C." The President's honor roll recognizes undergraduate students who carry at least 12 hours for credit in a semester, exclusive of pass/no-pass courses, and who attain a grade point average of 4.00. A student doesn't appear on both lists, only on the higher one he or she qualifies for.

Graduating with Honors

Honors are determined for the commencement program and ceremony, for both graduate and undergraduate students, based on the cumulative GPA at the conclusion of the fall semester prior to graduation. Honors on the diploma include the final semester of coursework for the degree, the grade earned on the senior paper or project and the oral defense of the senior paper or project.

Undergraduate

Students who fulfill the degree requirements with cumulative grade point averages (GPAs) of at least 3.80 and earn grades of "A" or "B" on the senior paper/project receive the distinction *summa cum laude*.

Students with cumulative GPAs between 3.60 and 3.79 who earn grades of "A" or "B" on the senior paper/project receive the distinction *magna cum laude*. Students with a cumulative GPA between 3.40 and 3.59 who earn a grade of "A" or "B" on the senior paper/project receive the distinction *cum laude*. To receive honors, students also must be successful in the oral defense of the senior paper/project.

Graduate

Graduate students completing a master's program with 4.00 GPAs receive the distinction "with high honors," and those with GPAs between 3.80 and 3.99 receive the distinction "with honors." Doctoral programs do not have specific honors distinctions.

TRANSFERRING CREDIT

Credit can be transferred to ORU in several ways. Some involve earning credit before enrolling at ORU (matriculating) and some after.

Transferring Credit before Matriculation

ORU accepts liberal arts courses from regionally accredited institutions. Regionally accredited means that an institution is accredited by one of the six regionally stipulated accreditation agencies approved by the U.S. Department of Education and the Council for Higher Education Accreditation (CHEA). ORU also accepts credits from schools accredited by the Association for Biblical Higher Education (ABHE), and the Association of Theological Schools (ATS). Technical or vocational courses are not ordinarily considered for transfer. No credit is given for any course with less than a "C" level grade. Transfer credits from institutions that are not regionally accredited may be accepted on the same basis they are accepted by the reporting institution in their own state. ORU may accept courses demonstrated as acceptable to at least three regionally accredited institutions.

Transfer credit is based on the transfer guidelines established by ORU (available on request). Courses that do not have an ORU equivalent but are academic in nature are counted as general elective credit unless transferred in to meet a specific requirement through a petition to transfer course.

ORU accepts test-out credit from regionally accredited institutions in accordance with the established ORU Transfer Guidelines. Grade of "A," "B," or "C" on a test-out are recorded as a "TPC" on the ORU transcript. Grades of "D" and "F" are recorded as an "NTD" on the ORU transcript. The words "test-out" appear as part of the course title on the ORU transcript.

For students entering ORU fall 2006 or later from a community or junior college, a maximum of 72 semester hours may be transferred to ORU. For students entering before fall 2006, a maximum of 64 semester hours may be transferred to ORU. A maximum of 98 hours can be transferred from four-year institutions. The last 30 semester hours of a degree program, including at least six hours in the major field and the senior paper or project, must be taken at ORU.

Transcripts submitted to ORU become the property of ORU and are stored in students' permanent files. They cannot be copied or reissued except for on-campus advisement purposes, in which case the documents are delivered directly to academic departments.

Transferring Credit from Oklahoma Colleges and Universities

Oral Roberts University participates in the Course Equivalency Project (CEP) sponsored by the Oklahoma State Regents for Higher Education. CEP is a postsecondary education resource service that provides course equivalency information to facilitate student transfer within the Oklahoma System of Higher Education. Its database contains faculty-generated course equivalency information for hundreds of courses offered at most institutions in Oklahoma. The courses are organized by discipline: biology, history, etc. Within each discipline, several equivalency groups appear, each containing a collection of courses from sponsoring institutions. Credit for a course within a group can be transferred to any system institution that sponsors a course in that group. The entire matrix of courses and their transferability can be found at <http://www.okhighered.org/student-center/transfer-students/course-transfer.shtml>. Prerequisites for these courses must be met.

Transferring Credit through Articulation Agreements

Articulation agreements are agreements between two educational entities to ease the transfer process for students transferring from one educational institution to the other. Oral Roberts University has several articulation agreements to help provide a seamless transition for students transferring into ORU as well as ORU students transferring out to enroll in programs not offered at ORU (e.g., speech or physical therapy). More information is available in the department sections of this catalog that have specific articulation agreements.

Following are articulation agreements that apply to a broader range of students transferring to ORU from Tulsa Community College, Christ for the Nations Institute, Teen Mania, Victory Bible Institute, and Victory World Missions Training Center.

Articulation Agreement with Tulsa Community College

An articulation agreement between Tulsa Community College (TCC) and ORU has been developed to assist students with an associate's degree from TCC to obtain a bachelor's degree at ORU. This agreement allows students from TCC to transfer to ORU and receive the maximum allowable credit towards a bachelor's degree.

Admission Criteria

Students interested in transferring from TCC to ORU under this articulation agreement need to do the following:

- Apply for admission to Oral Roberts University.
- Meet ORU's minimum academic and admissions transfer requirements.
- Complete all TCC courses before taking any ORU courses.
- Transfer between 60 and 72 hours.
- Understand that only courses with a grade of "C" or better can be transferred.
- Understand that no remedial or developmental courses can be transferred.

TCC and ORU also have an Honors Transfer Articulation Agreement designed to facilitate the transfer of students between the honors programs at TCC and ORU. Transfer students may be given full credit for

their honors hours earned when the credit is appropriate to the student's degree program and the receiving institution (ORU) has validated the courses, with the following additional provisions:

- TCC Honors Scholars with a cumulative GPA of 3.5 or higher qualify for the ORU Honors Program and may use up to 12 transfer honors credit hours toward the 21 honors hours required for graduating as a transfer scholar.
- TCC Honors Scholars must earn an A or B in any TCC honors class for it to be used to meet ORU Honors Program requirements.
- TCC students who meet the ORU Honors Program requirements (minimum 29 ACT or 1280 SAT and minimum overall GPA of 3.5 from TCC) may apply for the Honors Program Scholar's Scholarship. The deadline is March 1.
- ORU Honors Program students transferring to TCC's Honors Program may use 12 transfer honors hours from ORU toward TCC Honors Scholar graduation requirements (24 honors credit hours or 21 honors credit hours plus an approved honors service learning project).
- Both institutions intend to remain active members of the Great Plains Honors Council and the National Collegiate Honors Council.

Articulation Agreements with Bible Institutes and Academies

Oral Roberts University (ORU) and the following Bible institutes and academies share a similar mission of preparing students to reach their world with the Gospel of Jesus Christ and to demonstrate God's healing power through the Holy Spirit:

- **Christ for the Nations Institute**
- **Teen Mania**
- **Victory Bible Institute**
- **Victory World Missions Training Center**

Thus, articulation agreements between ORU and these educational entities have been developed to assist students transferring to ORU in order to obtain a bachelor's degree from ORU. These agreements help provide a seamless transition process that allows students from these educational entities to transfer to ORU and receive the maximum allowable credit towards a baccalaureate degree.

Credit from Concurrent Enrollment

High School and College. College credit hours earned while concurrently enrolled in high school are eligible for transfer credit in accordance with ORU transfer guidelines if the hours were earned at a regionally accredited institution or otherwise recognized institution. College credits earned prior to high school graduation that are eligible for transfer credit as ORU 100- and 200-level courses are automatically transferred in. College credits earned prior to high school graduation that would transfer in as ORU 300- and 400-level courses, including general elective credit, are eligible for transfer credit by Petition for Policy Exception only.

Credit from Professional Programs

Transfer of courses to any program that prepares students for professional certification or licensure may not apply to degree requirements if such transfer courses are prohibited or restricted by state law, the Oklahoma State Regents for Higher Education, or specific requirements for professions, certification, accreditation, or licensure. For example, in the teacher education programs, ORU cannot normally accept credit from junior colleges or community colleges to meet upper-division teacher education requirements.

Credit from Non-Accredited (Regional) Institutions

Certification, diploma, associate degree, and other pre-bachelor degree programs issued by institutions not accredited by regional accrediting agencies and without articulation agreements are not accepted for block credit. Courses in these programs may be evaluated individually according to ORU credit transfer policies.

Credit earned in military service schools or through the U.S. Armed Forces Institute are reviewed by the Registrar's Office. Credit may be granted if approved by petition. Basic Military Training meets the ORU general education requirements for Health Fitness I and II.

Credit from Examinations

Credit granted through Advanced Placement (AP), the College Level Examination Program (CLEP), and Advanced Level (A Level) examinations set by the General Certificate Examination (GCE) Boards appear on student transcripts as accepted credit regardless of whether the students graduate from ORU. More information is available in the section titled "Advanced Placement and College Level Examination Program" in this catalog.

Credit from Foreign Institutions

ORU generally follows the guidelines set forth by the National Association of Foreign Student Affairs (NAFSA) and the American Association of Collegiate Registrars and Admissions Officers (AACRAO) when transferring foreign academic credit. The amount of credit granted may vary at the discretion of the degree-granting dean. An official final transcript from the foreign school with an original transcript, an English translation, and course descriptions must be submitted for evaluation in order to transfer credit.

Transferring Credit after Matriculation

To transfer courses after matriculation, ORU students should consult the transfer guidelines established by ORU (available online and by request). Courses that do not have an ORU equivalent but are academic in nature are counted as general elective credit unless transferred in to meet a specific requirement through a Petition to Transfer Course. This approval must be obtained prior to enrollment in those courses.

For students entering in the fall 2006 or later, a maximum of 72 semester hours may be transferred to ORU from a community college or junior college. For students entering before fall 2006, a maximum of 64 semester hours may be transferred to ORU. A maximum of 98 hours can be transferred from four-year institutions. The last 30 semester hours of a degree program, including at least six hours in the major field and the senior paper/project, must be taken at ORU.

ACADEMIC POLICY CHANGES

The university reserves the right to change academic policies when deemed necessary and to hold students responsible for any revisions. In the case of any change in courses already completed, students are not obligated to fulfill the new requirements. All changes are announced and officially posted. It is ultimately the student's responsibility to stay informed regarding changes that may affect programs and requirements for graduation.

POLICY EXCEPTION

Students may petition to have a stated policy modified due to extenuating circumstances. Petitions for Policy Exception are available in the Registrar's Office and, upon receipt of proper signatures, should be returned to the Registrar's Office for processing. Students are notified by mail when final decisions are taken.

Graduate students and students in distance learning programs may obtain and process Petitions for Policy Exception through the Adult Learning Service Center.

CURRICULUM

The faculty, in its dedication to the goals and purposes of the university, believes its distinct responsibility is to provide an educational environment in which all students can realize their full intellectual, physical, and spiritual potentials. The faculty feels this is best achieved within the framework of a curriculum of liberal studies, a curriculum that represents the dimensions of life in a free society—art, history, humanities, languages, literature, mathematics, music, natural sciences, religion, social sciences—a curriculum that also encourages the development of analytical and computational skills, as well as skills in speaking and writing.

In addition to the framework of liberal studies and the enhancement of communication skills, the curriculum is designed to provide a Biblical foundation for faith, a charismatic dimension for service, and various opportunities for praise and worship. This curriculum also promotes a lifestyle of physical well-being, not only through coursework in health, nutrition, and physical activities but also through a well-rounded program of intramural sports.

DEGREES

The university awards both graduate and undergraduate degrees. Many include certification or licensure, while others prepare students to pursue certification or licensure following graduation. Many ORU majors offer specialized study in areas of concentrations. The minimum number of credits required for an undergraduate degree is 128 semester hours. More information is available in the college and departmental sections of this catalog.

Undergraduate

The **Bachelor of Arts (B.A.)** degree is awarded in Art Education; Dance Performance; English Bible; English Education; English Literature; French; Government; History; International Community Development; International Relations; Leadership Studies; Ministry and Leadership; Modern Foreign Language Education; Music Arts; Musical Theatre; New Testament; Old Testament; Organizational/Interpersonal Communications; Pastoral Christian Ministries; Psychology; Social Studies Education; Spanish; Communication Arts Education; Studio Art; Theatre Arts; Theological-Historical Studies; and Writing.

The **Bachelor of Science (B.S.)** degree is awarded in Accounting; Biology; Biomedical Chemistry; Bioengineering; Business Administration; Chemistry; Christian Caregiving; Church Ministries; Computer Information Technology; Drama/Television/Film Performance; Early Childhood Education; Elementary Education; Engineering Physics; Environmental Sustainability; Finance; Graphic Design Print; Graphic

Design Video; Health and Exercise Science; HPE Education; International Business; Liberal Studies; Management; Marketing; Media; Mathematics; Mathematics Education; Professional Elementary Education; Recreation Administration; Science Education; Special Education Mild-Moderate Disabilities; and Worship Arts.

Other bachelor degrees include the **Bachelor of Science in Engineering** (B.S.E.), **Bachelor of Music** (B.M.) in Music Performance, Music Composition, and Sacred Music; **Bachelor of Music Education** (B.M.E.), **Bachelor of Science in Nursing** (B.S.N.); and the **Bachelor of Social Work** (B.S.W.).

The bachelor of arts curriculum may be redesigned into a bachelor of science degree in any major by including two additional courses in mathematics and/or laboratory science in place of the modern foreign language requirement as determined by the major department. A bachelor of science curriculum may be redesigned into a bachelor of arts degree in any major by including two modern language courses, reaching a proficiency of at least the 203 level. In each case, a Petition for Policy Exception must be submitted.

Graduate

The Graduate School of Business offers the **Master of Business Administration** (M.B.A.) and **Master of Not-for-Profit Management** (M.NFP.) degrees.

The Graduate School of Education offers the **Master of Arts** in Teaching (M.A.T.) degree and the Master of Education (M.Ed.) degree. The M.A.T. has majors in (1) Teaching with Licensure and (2) Teaching with Alternative Licensure. The M.Ed. has majors in (1) Curriculum and Instruction, and (2) School Administration. The Graduate School of Education also awards the **Doctor of Education** (Ed.D.) degree in Educational Leadership.

The Graduate School of Theology and Missions awards the professional **Master of Divinity** (M.Div.) degree, the academic **Master of Arts** (M.A.), and the professional **Master of Arts** (M.A.). The academic master of arts has programs in (1) Biblical Literature with concentrations in advanced languages and Judaic-Christian Studies and (2) Theological and Historical Studies. The professional master of arts has programs in (1) Christian Counseling and a concentration in marital and family therapy, (2) Christian Education, (3) Missions, and (4) Practical Theology. The Graduate School of Theology and Missions also awards the **Doctor of Ministry** (D.Min.) degree.

Dual Degrees

Undergraduate

A second baccalaureate degree requires at least 30 additional semester hours, including a senior paper/project, following the completion of the first baccalaureate degree at ORU. A student completing a double degree program must also complete a minor unless at least one of the degrees requires 18 or more hours of cognate courses.

Students selecting double degrees are required to satisfy concentration or cognate requirements in both degrees. Students desiring double degrees should work closely with advisors from all departments/colleges involved as well as with the Registrar's Office.

Graduate

Students, with the guidance and approval of their academic deans, may reduce the total number of

degree credits required to obtain two or more graduate/professional degrees using the following guidelines, provided that all degree requirements are satisfied. This reduction may be accomplished by careful selection of elective courses and the elimination of additional requirements when redundancy occurs.

Guidelines for multiple degrees from the same college. The college's faculty senate must have previously approved the offering of multiple degrees with course reduction. One degree program may use components from another in accordance with the established policy of the specialty accrediting agency of the college to reduce degree requirements of the second or third degree.

Guideline for two degrees from different colleges. The number of hours may be reduced up to 14 credit hours, but most typically nine or fewer credit hours.

MAJORS AND MINORS

Admittance to the university does not guarantee admittance to a specific academic major and/or degree program. Each department establishes the criteria by which a student is considered to be majoring or minor-ing in that department.

Majors

Students may have exploratory status until they decide on a major; however, students planning to major in engineering, biology, chemistry, mathematics, art, music, computer information technology, nursing, or education should declare their intentions when entering the university.

No grade below "C" may apply toward the major, concentration, or professional education courses. Generally, courses in which a "D" is earned may apply toward general education, minor, cognate, and general elective requirements. Some departments may have more rigorous requirements.

Courses in the first or primary major, including the major concentration (students can choose multiple majors) cannot apply toward any other degree requirement (general education, minor, or cognate). Conversely, no hours in general education, a minor, or a cognate may satisfy requirements for the first or primary major.

Multiple Majors

Students wishing to have one degree with two or more majors listed on their transcripts must complete a senior paper/project in one of the majors. The degree is granted in the major in which the senior paper/project and all other degree requirements are completed. Even though only one senior paper/project is required, the total number of credit hours for each major remains as stated in the degree requirements. To make up the difference in the major without a senior paper/project, an additional upper-division, three-credit-hour course must be taken with the approval of the department chair.

Even though they cannot be used to satisfy requirements for the first or primary major, hours used to satisfy requirements for general education, a cognate, or a minor may be used to satisfy requirements for a second or subsequent major. No hours used to satisfy requirements for a major or its concentration may be used to satisfy the requirements in another major or its concentration.

Students selecting double majors may be required to satisfy concentration or cognate requirements in both majors. Students desiring double majors should work closely with advisors from all departments/colleges involved as well as with the Registrar's Office.

Minors

Each student must select a minor in another discipline unless the major department degree plan specifies otherwise. Students may use cognates and general education hours toward a minor when they overlap; however, minors may not use hours from a major, concentration, or other minor.

GENERAL EDUCATION

MISSION STATEMENT: Oral Roberts University's general education program provides a core curriculum within the framework of a Christian worldview designed to empower students as responsible, engaged global citizens and lifelong learners. The program supplements all baccalaureate degree programs with the goal of preparing its graduates to be professionally competent servant-leaders who are spiritually alive, intellectually alert, physically disciplined, and socially adept.

ORU seeks to educate the whole person, with balanced emphasis placed on the development of the mind, spirit, and body. The undergraduate curriculum encompasses significant areas of liberal arts and sciences knowledge—Biblical studies, fine arts, humanities, languages, literature, mathematics, natural sciences, and social sciences. The general education core provides a common bond of knowledge for all students; encourages the synthesis and integration of that knowledge into a unified whole; sharpens the skills of communication, computation, and critical analysis; develops appreciation for differing cultures; promotes a lifestyle of physical well-being; and establishes a Scriptural foundation for a vital faith. Specific courses to fulfill these general education requirements may vary in some majors.

For the Spirit. . . a continuing process of spiritual awareness and Bible study.

In addition to the specific courses listed here, all other courses in general education are taught with reference to Scriptural truths.

Requirements		(9 hours)
BLIT 110	Survey of Old Testament Literature	3
BLIT 120	Survey of New Testament Literature	3
THE 103	Charismatic Life and the Healing Ministry	3

For the Mind. . . a continuing process of developing skills, acquiring knowledge, and formulating a Christian world vision. No one field of knowledge exists in isolation from the others, and each must be examined in that context.

Communication in English		(9 hours)
Written and oral language skills such as grammar, word usage, sentence structure, spelling, punctuation, presentation, organization, and literary appreciation and analysis are built upon, emphasized, and required in all other coursework.		

Requirements		
COMP 102	Reading and Writing in the Liberal Arts	3
COMP 303	Critical Reading and Writing	3
COM 101	Oral Communication	3

Students making a satisfactory score on the English Placement Examination (70), the SAT (verbal 500), the ACT (English 22), or the TOEFL (550) are

placed directly into ENG 101. Students whose scores fall below the cut-off scores must enroll and complete English 100 with a grade of "C" or better as a prerequisite for English 101.

Modern Foreign Language

Conversational knowledge and the ability to read and write in a foreign language in the context of an informed world vision are emphasized.

Requirements	(0-6 hours)
FRE/SPA/GER/HEB 203 Intermediate Level I	3
FRE/SPA/GER/HEB Intermediate Level or above	3

Six consecutive hours in the same language are required for a bachelor of arts degree, with a minimum proficiency at the 203 level. Students may meet the requirements in several ways: (1) students may take 102 and 203, (2) 203 and 204, or (3) two upper division courses of 3 hours each. A minimum grade of "C" must be achieved before the next level may be taken. The general education language requirement should be completed by the junior year in order to avoid difficulties in course sequencing.

Students pursuing the bachelor of science degree in a particular discipline are not required to take a modern foreign language.

Biological, Physical, and Mathematical Sciences

Students acquire knowledge of the nature and expression of God's creation with particular attention to the harmony and pattern of the natural order of the universe, the revelation of God's Word, and how all creation reflects God's glory.

Requirements	(11 hours)
Laboratory Sciences	8
Mathematics	3

The eight hours of laboratory science may be selected from anatomy and physiology, biology, chemistry, earth science, environmental science, physical science, or physics. The eight hours include two three-hour lectures and their corresponding one-hour labs. The three-hour mathematics requirement can be satisfied as specified by the major's degree plan sheet. The mathematics requirement should be taken before or concurrent with the laboratory sciences.

Humanities, Literature, and Fine Arts

The integrated humanities courses provide an understanding of and appreciation for the major developments in Western Civilization through art, music, literature, and history. The courses view these subjects from a Christian/charismatic worldview as they relate to people's search for meaning in life through a relationship with God.

Requirements	(12 hours)
HUM 101 Humanitas	3
Choice of three of the following:	9
HUM 222 Ancient and Medieval Humanities*	
HUM 233 Renaissance and Enlightenment Humanities*	
HUM 244 Romantic and Modern Humanities*	
HUM 301 Christian Worldview and Culture*	
HUM 333 Travel Studies*	
HUM 250/ART 103 Art History Survey I	
HUM 255/ART 104 Art History Survey II	
HUM 260/MUS 300 Music Appreciation	
HUM 270/DRAM 215 Introduction to Theatre	
COMP 101 College Reading and Writing	

At least one of the three elective courses from the above must be chosen from those marked with an asterisk, and some undergraduate degree plans may specify other courses to meet the humanities requirements.

Social Sciences

Knowledge of social science principles and human behavior in social and financial settings; understanding of the history and government of the United States.

Requirements	(9 hours)
GOV 101 American Government	3
HIS 101 American History	3
Social Sciences Elective	3

The social sciences elective is selected from the following list as specified by the major's degree plan sheet.

PSY 201	Introduction to Psychology
SWK 202	Introduction to Social Work
SOC 101	Introduction to Sociology
SOC 201	Marriage and Family
SOC 323	Child and Family in the Social Context
BUS 201	Principles of Economics
FIN 244	Personal Financial Planning
MUS 208	Music in World Cultures

For the Body. . . a continuing process of study and active participation in activities conducive to good health.

In addition to the requirements listed below, a personal fitness program must be part of the student's lifestyle at ORU. Emphasis is placed on individual personal responsibility for health and upon recognition that lifestyle has a significant relationship to the quality and length of life. Students are also urged to participate daily in aerobic activity, which is provided through individual programs and intramural sports throughout their college programs.

Undergraduate students are required to complete the following in sequence: Health Fitness I and II, the swimming proficiency test (except for students 45 years of age or older), and one HPE activity course each semester they are enrolled as on campus full-time students. An activity course may be taken only twice for credit. Any student failing the swimming proficiency test must enroll in HPE 026 Beginning Swimming the following semester. One-half to one semester hour is granted each semester for courses 001-150. Full-time undergraduate students may not withdraw from their only HPE activity course for any given semester unless they are withdrawing from the university.

Requirements	(4.5-5 hours)
HPE 001 Health Fitness I	1
HPE 002 Health Fitness II	1
HPE Activity Electives	2.5-3

For Documenting Growth. . . a continuing process of verification of meeting the Student Learning Outcomes as specified in the university's mission statement spiritually alive, intellectually alert, physically disciplined, socially adept, and professionally competent.

All students are required to compile, maintain, and complete an electronic developmental portfolio as a graduation requirement. More information is available in the section titled "Whole Person Assessment."

Requirements	(0 hours)
GEN 099 Whole Person Assessment	0

SENIOR PAPER/PROJECT

The senior paper/project is required in all majors. It may be an expository paper or a report of research or design. Majors in the Music Department may require a recital or internship to satisfy the senior paper requirement. Art majors may require a show to satisfy the senior paper requirement. Science education, health and physical education, social studies education and all majors in the College of Education substitute the presentation of a report and evaluation of the directed teaching experiences.

The senior paper/project in final form is usually due in the major department during the seventh semester according to the university schedule. To receive honors, a student must earn an A or B on the senior paper and must be successful in the oral defense of the paper in addition to other honors requirements.

HONORS PROGRAM

MISSION STATEMENT: The purpose of ORU's honors program is to provide academically gifted students an educational experience at a level that (1) transcends both the rigor and scope of the general curriculum and (2) integrates the ethical responsibilities of using God's intellectual gifts for the healing of humanity into the concept of the "whole person" education. The program encourages servant-leadership opportunities both on and off campus.

Entrance requirements for the honors program include a minimum 1250 SAT or 28 ACT, 3.5 high school GPA, letters of recommendation, demonstration of leadership skills, and church and community service. Service, leadership, and social opportunities are available for students in the program.

Honors students are divided into two categories: Fellows and Scholars. Sixteen students are chosen as Fellows and awarded ORU Honors Fellow Scholarships. Forty students are chosen as scholars and receive academic scholarships commensurate with their ACT or SAT scores. Honors students are also eligible to apply for research assistantships in which they assist faculty with scholarly work.

All students in the Honors Program complete HONR 100 Freshman Honors Seminar. They also complete at least 24 hours of honors-level general education courses, successfully defend their senior paper/project, and meet any additional requirements specified by the major department. Honors students attend Honors Program events, participate in service projects, and maintain an overall GPA of 3.5 or higher to qualify as a graduate from the Honors Program. Students are not admitted to the Honors Program after the second semester of their junior year.

Fellows take at least five of six interdisciplinary seminars. Each seminar is taught by two faculty members and combines two subject areas such as English and art, science and theology, and history and mathematics. These interdisciplinary courses replace specific general education courses within the required 24 hours of honors-level general education courses. With approval of the director or associate director of the Honors Program, courses designated as "writing intensive (WI)" can be counted as honors courses.

Additional Information

Students in the ORU Honors Program can apply to live in one of the honors dormitory wings, which promote a quality academic atmosphere. Numerous social activities and service learning opportunities are available to students in the Honors Program. All students in the program receive special recognition at graduation, and special designations appear on their transcripts and diplomas.

Additional information can be obtained by contacting Dr. John Korstad, Honors Program Director and Professor of Biology, at (918) 495-6942, by fax at (918) 495-6297, or by email at jkorstad@oru.edu or Dr. Kay Meyers, Honors Program Associate Director and Professor of English, at (918) 495-6756, by fax at (918) 495-7011, or by email at kmeyers@oru.edu.

WRITING ACROSS THE CURRICULUM

The ability to write well is fundamental to success in any profession. To help students develop strong writing skills, Oral Roberts University encourages the use of writing assignments in all courses and requires that writing standards be upheld in all disciplines. Written assignments in any discipline are expected to meet the following criteria:

- Written assignments should be logically organized.
- Written assignments should use clear and exact prose.
- Written assignments should demonstrate the ability to develop an idea fully.
- Written assignments should be free from persistent errors in grammar, punctuation, and sentence structure.
- Written assignments using sources must demonstrate ethical and accurate use of source material. Plagiarism and any unethical or inappropriate use of sources are not tolerated.

ASSESSMENT

The university has a comprehensive institutional improvement plan that reflects a shift away from a focus on teaching toward a focus on student learning. Multiple assessments are utilized, and the results of each are shared with appropriate entities. Improvements are then proposed, approved, implemented, and reported.

The university is proactive in its adoption of best practices to ensure that the design and delivery of student learning options are preparing students to live in a diverse world and that the options accommodate a variety of student learning styles.

The two primary goals of assessment at ORU are to determine (1) how well students demonstrate expected learning outcomes of their educational experiences and (2) how well programs are designed to facilitate that end.

The university produces an assessment catalog each academic year, which provides a summary of all assessment activities at ORU. Each activity is linked with one or more of the university's student learning outcomes. The assessments used at ORU include Whole Person Assessment (WPA), the national field tests, the Collegiate Assessment of Academic Proficiency, the College Senior Survey, the Student Satisfaction Inventory, the National Survey of Student Engagement, the CIRP Freshman Survey, Your First College Year, and many others.

Oversight of the assessment process, including WPA, program review, and assessment catalog, is the responsibility of the Office of Institutional Research and Assessment in conjunction with the Institutional Improvement and Student Learning Committee, composed of students, faculty members, and staff.

Whole Person Assessment (WPA)

Assessment of student outcomes is essential to improving learning. ORU assesses students' skills, competencies, and/or attitudes as they enter the university, while they are studying at ORU, and after they

have left the university. Assessment occurs at the university, college, department, and course levels.

ORU's student learning expectations, practices, and assessment objectives align with the university's mission, vision, and philosophy of education. ORU has adopted the following learning outcomes for all students, which flow directly from the university's mission:

Spiritually Alive

- Biblical knowledge
- Sensitivity to the Holy Spirit
- Evangelistic capability
- Ethical Behavior

Intellectually Alert

- Critical thinking
- Information literacy
- Global and historical perspectives
- Aesthetic appreciation
- Intellectual creativity

Physically Disciplined

- Healthy lifestyle
- Physically disciplined lifestyle

Socially Adept

- Communication skills
- Interpersonal skills
- Appreciation of cultural and linguistic differences
- Responsible citizenship
- Leadership capacity

Professionally Competent

- Discipline-specific according to the outcomes of each student's major program.

Whole Person Assessment utilizes the electronic portfolio (ePortfolio) as the primary tool to determine the extent to which students achieve learning objectives defined by the general education curriculum and individual academic departments. In addition to providing evidence of student growth, the WPA process provides feedback for student reflection for self-improvement as well as valuable information for university program improvement.

All entering students need to compile and maintain an ePortfolio that contains pieces of evidence (called "artifacts") to document student growth. ePortfolio artifacts include items such as supporting documents, evaluations, recommendations, samples of written work (e.g., term papers, research projects, reflection papers, essays), video clips of presentations, test scores, and evidence of creativity, performance, and extra curricular activities. GEN 099 introduces students to ORU learning outcomes, the university's philosophy of assessment, skills and strengths assessment relating to career planning, and the technology skills needed for using ePortfolio as a part of the WPA process.

Students are to be in compliance with university, college, and departmental policies regarding ePortfolio requirements. Students should consult their departmental handbooks for requirements regarding general education and the students' majors. The penalty for not submitting electronically or for incorrectly submitting an ePortfolio artifact is a zero for that assignment. By submitting an assignment, the student gives permission for the assignment to be assessed electronically.

Whole Person Assessment is reported through a set of composite scores from students' ePortfolios that reflect students' performance on the ORU learning outcomes. The summary score for each learning outcome is an average of the ePortfolio results from assignments designed to measure aspects of each outcome.

The WPA compares each student's scores with the average of all other students. Each student can see how his or her WPA compares with the average of all other students. Students can see their WPA scores in the same manner in which they access grades on VISION (<http://vision.oru.edu>).

AIR FORCE ROTC

By agreement with the United States Air Force, eligible full-time students at Oral Roberts University may participate in Air Force ROTC (AFROTC) and receive an officer's commission in the Air Force upon graduation. They are commissioned through the AFROTC program at OSU, but they remain students at ORU and graduate from ORU. AFROTC classes are held Thursday afternoons and evenings at Oklahoma State University (OSU) at Stillwater (Thatcher Hall).

ORU students in any academic major, including graduate students, may participate. A cadet must be a full-time student, a U.S. citizen, less than age 30 in the year of commissioning (some exceptions apply), have a cumulative GPA of at least 2.0, and not be a single parent (some exceptions apply). Other eligibility requirements apply and are subject to change.

ORU students may be eligible for AFROTC scholarships providing up to \$7,500 per semester for tuitions and fees, plus a book allowance, plus a \$900 per year book allowance, and a \$300-\$500 per month tax-free stipend. Some of the scholarships are targeted toward specific majors, but others are available to students in any major. Juniors, seniors, and graduate students not on AFROTC scholarship who meet eligibility criteria may receive a \$300-\$500 per month tax-free stipend.

Students may try AFROTC by taking freshman or sophomore AFROTC courses without obligation. In most cases, students do not have to make a final decision whether to commit to AFROTC until the junior year. Students who successfully complete the AFROTC program become second lieutenants in the U.S. Air Force with a four-year active duty service obligation. Those selected for pilot training or other "flying" positions incur a longer commitment.

AFROTC courses are listed in the OSU catalog as Aerospace Studies (AERO). Freshman and sophomore AFROTC classes are one credit hour. Junior and senior AFROTC classes are three credit hours. All courses require the cadet to enroll in and attend a weekly Leadership Laboratory (LLAB) period at which leadership and followership skills are taught and emphasized. Those selected into the professional officer course attend a four- or five-week field training camp one summer, usually between the student's sophomore and junior years.

For further information regarding the ROTC program, students should call the AFROTC Detachment at (405) 744-7744 or visit the Website at afrotc.okstate.edu or send an e-mail to afrotc@okstate.edu.

STUDENT DEVELOPMENT

The Office of Student Development, headed by the dean of Student Development, includes the following areas: Housing, Dean of Women, Dean of Men, Student Counseling Services, Student Activities, Student Association, Student Chaplains, Missions, Community Outreach, and Spiritual Formation. Student Development has the responsibility to provide leadership and administrative direction for the students of

Oral Roberts University. This emphasis is supported by the Honor Code, which reveals the practical reality of the whole person concept. The Student Development office is responsible for students outside the classroom.

The main components of Student Development address lifestyle and the atmosphere of the campus as well as assist with a student's educational, physical, social, and spiritual development. The staff encourages students to graduate from ORU and to develop a personal relationship with Jesus Christ as well as an enduring faith in God. They also provide a limited amount of counseling and restorative discipline.

STUDENT LIFE

For a more complete discussion and additional information on policies regarding student life, students need to refer to the current *Student Handbook*.

Dress Code

A student's sense of fashion should be guided by good grooming and a sense of modesty. Mature discretion should be exercised in the selection of a wardrobe. Dress code is a standard of excellence that represents an important part of the ORU lifestyle.

A student's sense of fashion should be guided by good taste, modesty, and good grooming. Mature discretion should be exercised in the selection of a wardrobe. ORU has on-campus dress code regulations that vary by location, activity, and time. Regular attire regulations are in effect from 7:00 am to 4:30 pm Monday through Friday in the Graduate Center (GC), Learning Resource Center (LRC), Christ's Chapel, and any class. In addition, regular attire is required during registration. In all other situations, including in the cafeteria, casual attire regulations are in effect.

Winters in Tulsa are often cold, windy, and damp. Each student is advised to bring a warm winter coat, boots for cold and wet weather, gloves, and scarves.

Men

Regular Attire

Men wear collared shirts (including knit shirts and turtlenecks) tucked into dress, corduroy, neat jeans, or khaki pants. Shirts designed to be worn untucked are acceptable. Sweaters and sweatshirts may be worn and need to reflect the lifestyle of the university. Clothing must not have any inappropriate writing on it. Suits, blazers, vests, and sport coats are also appropriate. Men may not wear t-shirts or sleeveless shirts, even over collared shirts. Dress and casual shoes are acceptable, including boots, loafers, sandals, flip-flops, and athletic shoes. Fatigues, sweat pants, shorts, jogging pants, hats, and other headwear are not acceptable for male students when in regular attire.

Men may have beards, and both beards and hair must be kept clean, well-groomed, neat, and professional looking. Exotic hair cuts and unnatural colors are not permitted. Haircuts should allow for half the ear to be showing on the sides. Hair should not touch the back collar.

Casual Attire

Casual dress is less restricted than regular attire; however, it should still be modest. T-shirts, sweatpants, and hats are acceptable in situations permitting casual attire; however, shirts must be worn at all times in public on campus, including in the student lounges and Aerobics Center, unless the student is sunbathing or engaged in an outdoor sports activity. Bermuda shorts (no more than four inches above the knee) are permissible in the cafeteria.

Any sunbathing must be done in the designated areas: the hill north of the Quad Towers, between Braxton and Gabrielle Christian Salem Halls, and the ball field (except during ball games). Shorts or swim trunks are acceptable for sunbathing.

Not Permissible

- Torn jeans or any excessively torn or tattered clothing
- Shorts in class or inside GC, LRC, and Christ's Chapel
- Pajamas (except dorm rooms and halls)
- Going shirtless around campus
- Exotic haircuts or hair colors
- Ponytails or hair ornaments (e.g., beads) on or off campus
- Makeup (e.g., fingernail polish, eye shadow, lipstick)
- Earrings and body piercings (e.g., magnetic, hole openers) on or off campus

Any questionable attire may be called to the attention of the wearer and referred to the Dean of Men or his staff for evaluation. If found out of compliance, the wearer is expected to change his attire immediately. Failure to comply will result in a disciplinary action.

Women

Regular Attire

Women may wear dresses, skirts, slacks, (including khakis and corduroy), capris, and neat jeans. All pants should be mid-calf or longer. Collared shirts, blouses, sleeveless shirts, knit shirts, non-athletic t-shirts, and dresses (with straps at least one inch wide), suits, blazers/jackets, sweaters, and turtlenecks are acceptable. Blouses must be modest (long enough to cover midriff) and in good taste, not revealing or sheer. The hems of skirts and dresses must not be shorter than four inches above the middle of the knee. The top of a slit of any skirt and dress must be no more than four inches above the middle of the knee. Shorts, skirts, sweatpants, jogging suits (e.g., velour), and wind pants are not permitted in regular attire. Dress and casual shoes are acceptable, including boots, loafers, sandals, flip-flops, and athletic shoes. Ethnic headwraps are acceptable; however, hats and bandannas are not.

The guidelines for university-related functions calling for formal attire include formal (full-length), which may be strapless, or semi-formal (mid-calf) gowns with straps. No gowns can be low cut either in front or back, and no gowns should be shorter than four inches above the knee, including any slits up the leg.

Casual Attire

Casual dress is less restricted than regular attire; however, it must still be modest (not sheer, tight, or revealing). T-shirts, sweatpants, and hats are acceptable in situations permitting casual attire; however, casual attire does not include items in the not permissible category that follows. Bermuda shorts (no more than four inches above the knee) are permissible in the cafeteria.

Sunbathing must be done in the designated areas: the hill to the north of the Quad Towers, between Braxton and Gabrielle Christian Salem Halls, and the ball field (except during ball games). Bathing suits, sports bras, body suits, etc. are not acceptable for sunbathing.

Not Permissible

- Two-piece bathing suits
- Bare midriffs
- Halter tops (blouses and dresses)
- Low-cut necklines (no cleavage showing)
- Shorts in class or inside GC, LRC, and Christ's Chapel
- Pajamas (except dorm rooms and halls)
- Exotic haircuts or hair colors
- Body piercings (except pierced ears)
- Spandex leggings

Any questionable attire may be called to the attention of the wearer and referred to the Dean of Women or her staff for approval. If confronted for improper dress code, the wearer is expected to change her attire immediately. Failure to comply will result in a disciplinary action.

Conduct

At the beginning of each year, students sign the Honor Code. Students who violate the Honor Code are dealt with in a manner appropriate to the violation. Reports of offensive, unacceptable, or destructive conduct or conduct that is in violation of university regulations are reported to the Dean of Men or the Dean of Women, who in turn reviews the nature of the complaint and handles it accordingly. If a student believes the discipline unfair, he or she has the right to seek an administrative review.

Penalties for violation of university regulations may include one or a combination of the following: a reprimand, specified restrictions or penalties (including monetary fines or work), probation, suspension, or expulsion. A student failing to report on a conduct summons is withdrawn from classes. The university notifies parents if their dependent student is put on probation. More information is available in the Student Handbook.

Student Housing

Oral Roberts University is a residential campus. The Residency Policy states that all full-time students must live on campus except the following:

1. Graduate students
2. Students who are 25 years of age or older
3. Students who are married (The university does not have housing for married university students.)
4. Students who are single parents with custodial responsibilities
5. Students who are homeowners with established residency in the Tulsa vicinity and who provide appropriate verification
6. Students living with their parents who reside in Tulsa or its vicinity. Such students are required to verify parental residency.
7. Full-time employees of Oral Roberts University

Students must have received approved policy exceptions to live off campus. Any student moving off campus by approved petition must provide a change of address prior to moving or within two weeks of moving. Any student leaving school or withdrawing must officially withdraw in the Student Development Office prior to exiting the residence halls. A student obligating him or herself contractually to a lease without prior approval from the Student Development Office will not be considered for an exception to the residential policy. Students residing off campus without an approved petition are in violation of the Residency Policy and subject to disciplinary action-including suspension or de-enrollment-and may jeopardize good standing with ORU.

Part-time students (enrolled in 11.5 or fewer hours, including correspondence hours) under the age of 25 living off campus by approved petition are required to return to residential housing immediately if status changes to full time. Students not required to live on campus may petition to do so.

The Housing Office provides room assignments for all residential students. The university does not guarantee specific residence hall or room assignments and reserves the right at any time to make adjustments or reassignments. All room assignments are made without regard to race, creed, or national origin. All residential students must complete a housing contract.

All students under the age of 18 are required to file a Limited Power of Attorney, which entitles ORU to act as attorney-in-fact for the parent or legal guardian,

and in its sole discretion to act in the best interests of the students. This authority automatically expires on the 18th birthday of the student.

Students living in university housing may not rent, lease, or maintain a second residence off campus as a personal abode. Dual residency is not permitted. University housing must be the only primary residence during the academic year.

The university reserves the right to levy and collect charges for damage to rooms or equipment caused directly or indirectly by the fault or neglect of the resident. Students should take special caution in checking out of their rooms, thereby clearing themselves of responsibility for any damage that might falsely be attributed to them.

Church and Chapel Attendance

The university affords students the responsibility for their own church attendance and involvement. The university deems church involvement as fundamental and encourages faithful church attendance by the entire university community.

Chapel services are held on Wednesdays and Fridays in Christ's Chapel, and attendance at all chapels is mandatory for all full-time students. Students are expected to be in their seats by 10:50 a.m., and doors to the chapel are closed just prior to the services at 10:55 a.m. Studying, sleeping, food, beverages, and inappropriate use of laptops, palm pilots, and cell phones are not allowed during chapel services.

Part-time students enrolled in at least seven hours are required to attend one chapel per week. Students enrolled in student teaching are not required to attend chapel.

Special chapels and revivals may be scheduled during the semester, and attendance is mandatory. Campus worship meets on Sunday evenings in Christ's Chapel and is open to the community and students.

Chapel excuses require a note on official letterhead from the student's doctor, parent, or faculty/staff member and must be submitted to the Dean of Student Development's Office for undergraduates or to the dean of the appropriate college for graduate students within 48 business hours following the absence. Three unexcused absences result in automatic cancellation of a student's enrollment at the university. Those students who are allowed to re-enroll must obtain permits to re-enroll from the Dean of Student Development's Office; graduate students obtain the permit from the deans or associate deans of their colleges. These students then present the permits to re-enroll to the Student Accounts Office and pay \$50 reinstatement fees.

Student Activities

Student Activities is a branch of the Student Development Office and oversees the students' governing body, the Student Association.

The Student Association, headed by a president and an executive council, works with student leadership to implement an annual budget for activities and services to students, and makes recommendations to the Director of Student Experience and the Dean of Student Development. The president and executive council are elected annually.

Student Activities also coordinates all activities on campus as they relate to clubs and organizations. Numerous on- and off-campus activities are scheduled throughout the year and are announced at hall meetings and chapels, on the announcement screens throughout the campus, and in the student newspaper.

Intramurals

The Intramural Office oversees non-varsity ath-

letic competitions between students. Each residence hall wing has the option of forming one or more athletic teams. Off-campus students join the teams of residence hall wings, and alumni also participate on their own teams. A full-time intramural director assisted by student directors and referees runs the office.

DEPARTMENT OF INTER-COLLEGIATE ATHLETICS

MISSION STATEMENT: Oral Roberts University is committed to developing a strong tradition of excellence in inter-collegiate athletics. The mission of the Athletic Department is to provide a competitive intercollegiate athletic program consistent with NCAA rules and regulations, to further the mission of the university, to serve the needs of the student athletes, and to prepare student-athletes for life after athletics. ORU is committed to providing opportunities for minority and female students to enrich their collegiate experience through athletic participation. The Athletic Department strives to instill in its student athletes an appreciation for hard work, pride in accomplishment, and a commitment to the historic Christian faith. It is believed these attributes will be utilized throughout the student athletes' lives.

Oral Roberts University is a fully accredited Division I member of the National Collegiate Athletic Association (NCAA).

Objectives

To accomplish this mission and purpose, the Department of Intercollegiate Athletics strives to do the following:

1. Create an atmosphere in which a student athlete can be competitive both academically and athletically.
2. Assist the university in developing the spiritual qualities upon which the institution was founded.
3. Develop group loyalty, self-esteem, and pride of accomplishment that will assist the student-athlete to be successful upon graduation.
4. Field teams in all 16 sports that offer competitive opportunities of championship caliber that will serve as a ministry of the university.
5. Provide equity for female and male student athletes through the finest athletic facilities, equipment, and coaching instruction possible within the financial means of the university.
6. Adhere to the literal meaning and spirit of the regulations set forth by the National Collegiate Athletic Association.

ORU has been a member of the Summit League (formerly Mid-Continent Conference) since 1997. During the past 13 years, ORU has won 126 regular season and tournament championships. For 9 of the 13 years, the number of championships which ORU won in a single year has set, tied, or exceeded the conference record for most championships. ORU has won the commissioner's cup for the conference in 9 of their 13 years and finished as runners-up for the award three times. During its 13-year membership, ORU student-athletes have earned 293 individual championships at conference tournaments, 105 conference players of the year, 809 all-conference awards, 955 academic all-conference designations, and 4 conference student-athletes of the year. In 12 of the past 13 years, ORU student-athletes have earned a combined grade point average in excess of 3.0. Sponsored sports are basketball, cross country, golf, soccer, tennis, indoor track, and outdoor track for both men and women; baseball for men; and volleyball for women.

Staff

Mike Carter.....	Athletic Director
Scott Higgins.....	Associate Athletic Director/Marketing/ Executive Director of Golden Eagle Club
Rhonda Fowler.....	Associate Athletic Director/ SWA/Business Administrator
Ralph Manning.....	Associate Athletic Director/Compliance
Elizabeth Middleton.....	Director of Compliance
Kyle Jones.....	Assistant Athletic Director/Academics
Brandy Taylor.....	Academic Advisor/Eligibility
Vince Volpe.....	Associate Athletic Director/ External Operations
Terry Unruh.....	NCAA Faculty Athletics Representative
Cris Belvin.....	Assistant Athletic Director of Media Relations
Kyle Seay.....	Assistant Director of Media Relations
Richard McCutchen.....	Director of Marketing/ Athletic Events
Mike Minyard.....	Director of Marketing/Ticket Sales
John Joslin.....	Director of Sports Medicine
Daniel Steward.....	Assistant Athletic Trainer
Jonathan Conneely.....	Strength and Conditioning Coach
Scott Sutton.....	Men's Basketball Head Coach
Tom Hankins.....	Men's Basketball Assistant Coach
Conley Phipps.....	Men's Basketball Assistant Coach
Chris Crutchfield.....	Men's Basketball Assistant Coach
Steve Upshaw.....	Director of Basketball Operations
Kyan Brown.....	Men's Basketball Recruiting Coordinator
Jerry Finkbeiner.....	Women's Basketball Head Coach
Misti Cussen.....	Women's Basketball Assistant Coach
Eric Ely.....	Women's Basketball Assistant Coach
Micah Vandervort.....	Women's Basketball Assistant Coach
Rob Walton.....	Baseball Head Coach
Ryan Folmar.....	Baseball Assistant Coach
Ryan Neil.....	Baseball Assistant Coach
Trevor Leu.....	Baseball Director of Operations
Wes Davis.....	Baseball Volunteer Assistant Coach
Steve Hayes.....	Men's Soccer Head Coach
Michael Meachum.....	Men's Soccer Assistant Coach
Ryan Bush.....	Women's Soccer Head Coach
Roger Bush.....	Women's Soccer Assistant Coach
Chris Milliron.....	Men's/Women's Tennis Head Coach
Joe Dial.....	Men's/Women's Track/Field Head Coach
Chris Brown.....	Men's/Women's Track/Field Assistant Coach
Shawna Dial.....	Men's/Women's Track/Field Assistant Coach
Lance Watson.....	Men's/Women's Golf Head Coach
Jennifer Tannehill.....	Men's/Women's Golf Assistant Coach
Sheera Sirola.....	Volleyball Head Coach
Jani Hagen.....	Volleyball Assistant Coach

COLLEGE OF ARTS AND CULTURAL STUDIES

Wendy Shirk, Ed.D., Dean

MISSION STATEMENT: The College of Arts and Cultural Studies seeks to develop Christian persons of integrity who demonstrate ethical behavior and a passion for aesthetics. We nurture students to synthesize and integrate knowledge and to enthusiastically communicate God's Truth. By the effective stewardship and expression of their unique gifts, students will become agents of the healing and transformation of our diverse world. We foster the appreciation of the expanded world of the arts, thereby continuing the heritage of the good, the true, and the beautiful.

FACULTY

Joann Furlow Allen.....Assistant Professor of English
B.A., University of Oklahoma, 1976; M.A., University of Tulsa, 1979; Ph.D., 2004.

William Kevin Armstrong.....Professional in Residence in Journalism
B.J., University of Missouri, 1984.

Cheryl Bocanegra.....Associate Professor of Music
B.Mus. Stephen F. Austin State University, 1983; M.M.Ed., University of North Texas, 1987; Ph.D., 2001.

U. S. "Sonny" Branham.....Assistant Professor of Government
B.A., Western Kentucky University, 1971; M.A., 1973.

Stuart P. Branston.....Associate Professor of Art
B.F.A., University of Washington, 1972; M.F.A., 1975.

Joyce M. Bridgman.....Assistant Professor of Music
B.Mus., Phillips University, 1965; M.Mus., University of Kansas, 1966.

Christopher Brown.....Instructor of Music
B.M., University of Mary Hardin-Baylor, 1986; M.S., Abilene Christian University, 1992; M.M., University of Oklahoma, 2006.

Fleta Buckles.....Instructor of Humanities
B.A., Oral Roberts University, 1974; M.A., University of Tulsa, 1991.

Brenda Calderon.....Assistant Professor of Spanish
B.A., University of Western Ontario, 1970; M.A., University of Toronto, 1972.

Carlos Chale.....Instructor of Spanish
B.A., Oral Roberts University, 1992; M.A., 1993.

Christopher Crawford.....Assistant Professor of Drama
B.S., Oral Roberts University, 2004; M.F.A., University of Arkansas, 2007.

Even A. Culp.....Professor of Communication, Arts, and Media
B.S., Florida State University, 1974; M.S., 1975; Ed.D., University of Tulsa, 1987.

Donald R. Eland.....Assistant Professor of Communication, Arts, and Media
B.A., Oral Roberts University, 1975; M.A., University of Tulsa, 1976.

William R. Epperson.....Professor of English
B.A., Eastern New Mexico University, 1961; M.A., University of Kansas, 1963; Ph.D., 1965.

Agena Farmer.....Assistant Professor of Organizational/Interpersonal Communications
B.S., Southwest Missouri State University, 1978; M.S., 1981; Ed.D., Oral Roberts University, 2003.

David Farnsworth.....Instructor of Spanish
B.A., Oral Roberts University, 1994; M.A., 2000.

Cristi Freudenrich.....Instructor of Communication, Arts, and Media
B.S., Oklahoma State University, 1985; M.S., 2004.

Rhonda Gallagher.....Assistant Professor of Communication, Arts, and Media
B.S., Southwest Missouri State University, 1979; M.S., Oklahoma State University, 2002.

Beverly Garrison.....Assistant Professor of History
B.A., Oral Roberts University, 1974; M.A., University of Tulsa, 1976.

Solomon Gameda.....Assistant Professor of International Community Development
B.A., Addis Ababa University, 1996; M.A., Natal University, 1998; Ph.D., 2002.

Keith Gogan.....Assistant Professor of English
B.A., Oral Roberts University, 1987; M.A., 1994.

Linda C. Gray.....Professor of English
B.A., California State University, 1972; M.A., Fuller Theological Seminary, 1978; Ed.D., Vanderbilt University, 1987.

J. Randall Guthrie.....Professor of Music and Chair of the Music Department
B.S., University of North Carolina, 1977; M.A., Oral Roberts University, 1987; D.M.A., Southwestern Baptist Theological Seminary, 1992.

Mark R. Hall.....Professor of English
B.S.E., Central Missouri State University, 1981; M.S.E., 1982; Ed.S., 1984; M.A., Oral Roberts University, 1989; M.A., 1995; Ph.D., University of Tulsa, 2000.

H. Jerome Hatley.....Professor of Music
B.M.E., Northeastern Oklahoma State University, 1976; M.M., Louisiana State University, 1978; D.M.A., University of Miami, 1984.

Dean M. Helland.....Assistant Professor of Spanish
B.A., Arizona State University, 1965; M.Div., Oral Roberts University, 1969; D.Min., 1990.

Christiane Fries Hill.....Assistant Professor of French, German, and Spanish
B.A., Oral Roberts University, 1969; M.A.T., Smith College, 1971.

Michael Hirlinger.....Professor of Government and Chair of the History, Humanities, and Government Department
B.S., Oklahoma State University, 1983; M.A., 1985; Ph.D., University of Oklahoma, 1991.

Laura L. Holland.....Professor of Drama and Chair of the Communication, Arts, and Media Department
B.A., Oral Roberts University, 1974; M.F.A., University of Oklahoma, 1977.

Jason Howell.....Assistant Professor of Art
B.F.A., Oklahoma State University, 1997; M.F.A., Oklahoma University of Oklahoma, 2001.

Lori Ann Kanitz.....Assistant Professor of English
B.A., University of Oklahoma, 1987; M.A., University of Durham, 1992.

Gary L. Kern.....Instructor of Humanities
B.A., Oral Roberts University, 1981; M.A., 1988.

Jayson Larremore.....Lecturer of History, Humanities, and Government
B.A., Oral Roberts University, 2001.

Mark Labash.....Assistant Professor of Communication, Arts, and Media
B.S., Oral Roberts University, 1974; M.S., Oklahoma State University, 1976.

Barbara Law.....Instructor of English
B.A., William Smith College, 1974; M.A., Rochester University, 1980.

Angela Lee.....Assistant Professor of Communication, Arts, and Media
B.A., Oral Roberts University, 1993; M.A., Oklahoma State University, 2000; Ph.D., Purdue University, 2008.

Christopher Martin.....Assistant Professor of Drama
B.A., Oral Roberts University, 2004; M.F.A., University of Arkansas, 2007.

Susan McMurray.....Assistant Professor of Organizational/Interpersonal Communication
B.A., Oral Roberts University, 1991; M.A., Oklahoma State University, 1996.

Kay Meyers.....Professor of English
B.A., University of Oklahoma, 1969; M.L.S., 1981; Ph.D., University of Tulsa, 1988.

Denise Miller.....Instructor of Communication Arts
B.A., Oral Roberts University, 1981; M.A., 2002.

Joseph Mukasa.....Assistant Professor of Communication, Arts, and Media
B.A., Mahere University, 1967; M.A., Oral Roberts University, 1991; Ph.D., University of California, 1981.

M. Lenore Mullican.....Assistant Professor of Hebrew
B.S.N., Oklahoma University, 1967; M.A., Oral Roberts University, 1993.

Nathan Elijah Opp.....Assistant Professor of Art
B.S., Biola University, 1997; M.S., Pratt Institute, 1999; M.F.A., University of Tulsa, 2005

Felipe G. Ornelas.....Instructor of Humanities
B.S., Oral Roberts University, 1997; M.A., 2009.

Stephen Peterson.....Instructor of History, Humanities, and Government
B.A., Oral Roberts University, 1991; M.A., 1994.

Edward A. Pierce.....Professor of Music
B.M., Houghton College, 1969; M.M., Eastman School of Music, 1971; D.M.A., 1975.

Gary Pranger.....Associate Professor of History and Humanities
B.S., Illinois State University, 1975; M.S., 1980; Ph.D., University of Illinois, 1987.

Chris Putman.....Assistant Professor of Communication, Arts, and Media
B.A., Northeastern State University, 1996; M.S., 1997.

Scott Quant.....Associate Professor of Music
B.M.E., Oral Roberts University, 1988; M.M.E., University of Rochester, 1992; Ph.D., University of Arizona, 1999.

Judith Raiford.....Instructor of Music
B.Mus., The Peabody Institute, 1981; M.Mus., Curtis Institute of Music, 1986.

Warren Rieger.....Assistant Professor of Humanities
B.S., Phillips University, 1975; M.Ed., 1993.

Amy Roark-McIntosh.....Assistant Professor of Dance
B.F.A., Stephens College, 1998; M.F.A., State University of New York, 2000.

Courtney Sanders.....Assistant Professor of Drama
B.S., Oral Roberts University, 2002; M.F.A., University of Arkansas, 2006

Laura Ackerman Sherwood.....Assistant Professor of Communication, Arts, and Media
B.S., Oral Roberts University, 1978; M.A.Ed., University of Nebraska, 1998; Ph.D., Regent University, 2009.

Wendy Shirk.....Assistant Professor of Interpersonal/Organizational Communications and Dean of the College of Arts and Cultural Studies
B.A., Oral Roberts University, 1987; M.A., Oklahoma State University, 1991; Ed.D., Oral Roberts University, 2002.

Robert Skinner.....Associate Professor of French and Chair of the English and Modern Languages Department
B.A., Our Lady of the Lake, 1970; M.Div., Southwestern Baptist Theological Seminary, 1978; M.A.T., Southwest Texas State University, 1990; Ed.D., Texas A & M., 1997.

George Stevenson.....Associate Professor of Music
B.Mus., Ouachita Baptist University, 1966; M.C.M., Southern Baptist Theological Seminary, 1971; D.M.A., 1977.

Richard A. Sutliff.....Assistant Professor of Music
B.Mus., Oral Roberts University, 1994; M.M., University of Tulsa, 1996.

John Swails III.....Professor of History
B.A., University of Georgia, 1969; M.A., 1972; M.A. Brandeis University, 1975; Ph.D., University of Georgia, 1983.

Mary Alice Trent.....Professor of English
B.A., McNeese University, 1987; M.A., 1989; Ph.D., University of Southwestern Louisiana, 1995.

Tim Waters.....Associate Professor of Music
B.M., Furman University, 1987; M.M.Ed., University of Georgia, 1990; D.M.A., 1999.

Paul S. Vickery.....Professor of History
B.A., Florida State, 1969; M.A., 1970; M.Div., Oral Roberts University, 1989; Ph.D., Oklahoma State University, 1996.

Vicki Walker.....Assistant Professor of Music B.M.E., Oral Roberts University, 1985; M.M., University of Oklahoma, 1988.

Charles J. Zwick, Jr......Assistant Professor of Communication, Arts, and Media B.A., Oral Roberts University, 1971; M.A., Texas Tech University, 1979.

EMERITI FACULTY

Dr. Evelyn Davis, 1965-1980

Douglas Latta, 1983-2007

Carole Lewandowski, 1968-2005

Dr. Ray Lewandowski, 1966-2005

Sue Montgomery, 1966-1985

Dr. David Robbins, 1968-2003

Dr. Barbara Silvers, 1968-2003

Dr. Grady Walker, 1967-2004

COMMUNICATION, ARTS, AND MEDIA DEPARTMENT

Laura Holland, M.F.A., *Chair*

MISSION STATEMENT: The mission of the Communication, Arts, and Media Department is to prepare students to acquire a cultural background and become professionally proficient in communication, visual arts, performing arts, and media. Graduates from these majors will pursue graduate degrees, receive state certification as art or speech/drama/debate teachers, and become servant leaders in ministry, law, theatre, politics, electronic media, journalism, public relations, advertising, studio art, graphic design, and human resources development. Our graduates "...go into every person's world" and every person's living room via computer, television, DVD, iPod, and cell phone.

Overview

Courses in the Communication, Arts, and Media Department are designed for students desiring (1) general cultural background in the arts, communication, and media; (2) a strong foundation for graduate work; (3) foundational preparation for a career in the mass media; (4) certification for teaching, and (5) ancillary preparation for communication-related careers such as the ministry, law, politics, public relations, sales management, and various areas of human resources development.

The department offers programs for students interested in journalism, art, media, drama, graphic design, dance, teaching, speech, and numerous others academic and performance fields.

DEGREE PROGRAMS

The Communication, Arts, and Media Department offers 11 majors and 11 minors.

Theatre Arts (B.A.)

The theatre arts major provides a foundation on which one can build experiences in professional, semi-professional, or amateur dramatic production; develops the intellectual, aesthetic, and creative potential of students through drama as a liberal study; and prepares students for graduate study in the theatre.

Drama/TV/Film Performance (B.S.)

The drama/television/film performance major (1) provides a foundation on which one can build experiences in professional, semi-professional, or amateur

drama/television/film performance; (2) develops the intellectual, aesthetic, and creative potential of students through drama/television/film as a liberal arts study; (3) prepares students for graduate study in drama, television and film; and (4) provides the student with a variety of acting opportunities and experiences on the live theatre stage, in the television studio, and on the film location.

Musical Theatre (B.A.)

The musical theatre major (1) provides a foundation on which one can build experiences in professional, semi-professional, or amateur theatre, music and dance performance; (2) develops the intellectual, aesthetic, and creative potential of students through drama, music, and dance as a liberal arts study; (3) prepares students for graduate study in drama, music and dance; and (4) provides the student with a variety of acting opportunities and experiences on the live theatre stage in opera, musical theatre and dance performances.

Dance Performance (B.A.)

The dance performance major prepares students physically, intellectually, and spiritually to become dance artists of excellence. Their training is in an atmosphere that promotes the blending of faith and art. The student will explore space, effort, time and design through the world of dance. Our teachers are dedicated in helping dancers discover their artistic voices and sharpen their skills so that they may have a positive impact on their culture.

Studio Art (B.A.)

This major validates and nurtures each student's call to be a Christian artist or art teacher. The art faculty seek to instill a firm foundation of creative experiences in 2-D and 3-D as well as a critical knowledge of art past and present. Faculty teach the necessary technical art skills (e.g., painting, ceramics, sculpture, and printmaking) and written skills to pursue their chosen disciplines. These facets collectively assist students in the preparation of a portfolio, thus enabling the student to be in a competitive position for the marketplace or for applying to graduate school.

Graphic Design Print (B.S.)

This major begins the process of professional preparation for a career in graphic design. Students complete a broad range of study in studio art as grounding for an expansive course of study in design. Students may choose to pursue additional study in related disciplines through discretionary and elective options. Students in this major are required to fulfill the design technology requirement, as published by the department, upon completion of ART 218 Graphic Design I.

Graphic Design Video (B.S.)

This major—which incorporates graphic design, marketing, media, and computer graphics—begins the process of professional preparation for a career in graphic design, with a focus on construction of moving images and animation. Students are required to complete a broad range of study in studio art as grounding for an expansive course of study in design. Students also pursue additional study in related disciplines through the cognate, which is part of the major, and through electives. Students in this major are required to fulfill the design technology requirement, as published by the department, upon completion of ART 218 Graphic Design I.

Organizational/Interpersonal Communication (B.A.)

The organizational/interpersonal purposes to (1) develop skills in interviewing, listening, public speaking, problem solving, conference leadership, seminar development, systems analysis, and in-house communication consulting; (2) provide a base for a broad range of career opportunities in human communications, which focus on human resource development, organizational development, communication management, public relations, and sales; and (3) prepare students for study in speech communication, interpersonal or organizational communication management, and human resource development graduate programs.

Media (B.S.)

Students choosing to major in media choose to specialize in one of four concentrations:

- **convergent journalism**
- **public relations**
- **advertising**
- **multimedia production**

Each concentration requires student engagement in theory, industry practices, the latest technologies, hands-on learning, internship, and special projects. Students graduating from these programs enter a dynamic and diverse marketplace ready to work in industries such as television and film; interactive/web, print, and corporate communication; non-profit and ministry development; politics and public affairs; sales; and interactive, public relations, marketing, and advertising agencies.

Teaching Licensure

The Communication, Arts, and Media Department offers three options for students wanting to teach: (1) completion of the communication arts education major for secondary teaching licensure; (2) completion of the art education major for K-12 teaching licensure; or (3) completion of another major in the Communication, Arts, and Media Department, which can lead to alternative certification. As alternative certification is intended for those seeking career changes, requirements vary widely from state to state, and laws governing these programs can change frequently. Therefore, students interested in pursuing alternative certification need to meet with the ORU College of Education's certification officer to ensure they are well informed prior to choosing this option. Students pursuing alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification.

A cooperative liaison is maintained throughout the program by the Communication, Arts, and Media Department and the ORU College of Education. For this reason, it is important that all students interested in teaching identify themselves to both this department and the College of Education as soon as possible.

Communication Arts Education (B.A.)

This major is for students planning to teach speech, journalism, and drama in middle and high school. The major meets licensure standards for the State of Oklahoma and is offered in cooperation with the ORU College of Education. Students interested in this major should work with both the advisor in this department and with the College of Education.

Art Education (B.A.)

This major is for students planning to teach art in elementary and secondary grades (K-12). The major meets licensure standards for the State of Oklahoma and is offered in cooperation with the ORU College of Education. Students interested in this major should work with both the advisor in this department and with the College of Education.

Minors

The Communication, Arts, and Media Department also offers the following minors: art, graphic design, theatre arts, fine arts technology, human resources development, media, journalism, organization/interpersonal communication, public relations and advertising, dance, and drama.

CLUBS AND ORGANIZATIONS

Campus Artists meet to discuss all fine arts activities, produce art, and participate in service-related projects. Experience levels range from beginner to advanced. Membership is open to all ORU students.

Photography Society meets to take pictures for various campus groups and events and to increase their knowledge of the profession. Experience levels range from beginner to advanced. Membership is open to all ORU students.

Art Directors Club of Tulsa is a professional organization dedicated to promote, elevate, and connect creative visual communications professional around the world. It focuses on the highest standards of excellence and integrity in visual communications for the industry and encourages students and young professionals entering the field. Student membership is strongly recommended for design majors.

AIGA, the professional association for design, stimulates thinking about design, demonstrates the value of design, and empowers the success of designers at each stage of their careers. AIGA's mission is to advance designing as a professional craft, strategic tool, and vital cultural force. Student membership is strongly recommended for design majors.

Alpha Psi Omega is an honorary drama society.

Public Relations Student Society of America (PRSSA) is a national organization, and ORU's PRSSA chapter connects students to industry professionals and internship and career opportunities through guest speakers and local, regional, and national events and conferences. The chapter is student-run with board elections held each November.

Society for Human Resource Management (SHRM) is geared toward professionals and students interested in personnel and human resources.

American Society for Training and Development is an international organization dedicated to improving and enhancing learning in the workplace for students and professionals.

NuDelta Alpha Society is honorary dance society.

SPECIAL ACTIVITIES AND OPPORTUNITIES

Students have opportunity to display their talents by involving themselves in on- and off-campus activities. Some of these activities include the following:

- Art shows on and off campus
- Art displays in the Galleria (LRC third floor)
- Rotating art displays in the Tutoring Center (GC fifth floor)
- Senior project Shows
- Annual juried faculty and student shows
- Theatre performances
- Dance performances
- Conference and event planning
- *The Oracle*—the campus newspaper
- *The Perihelion*—the campus yearbook
- Campus TV news—produced weekly
- *The Communique*—the department's alumni magazine

AWARDS AND SCHOLARSHIPS

- **Outstanding Senior Paper**—awarded to the graduating senior having the best senior paper within the department.
- **Visual Art Student of the Year**—awarded to a studio art, graphic design (print or video), or art education major, as determined by the art faculty.
- **Thomas C. Durfey Outstanding Senior Award**—awarded to the top graduating senior in each major program within the department..
- **Warren and Eileen Straton Memorial Scholarship**—awarded to a sophomore or junior majoring in art education, graphic design, or studio art.
- **Charles Ramsey Sr. Memorial Scholarship**—awarded to a sophomore or junior art major.
- **Art Talent Scholarship**—a \$1000 scholarship given each year to up to 20 art majors and is renewable each year for a total award of \$4000. New and returning students are eligible to apply through a formal application process.
- **Leshar Scholarship**—available to media majors specializing in convergent journalism in the fall semester.
- **F.A. Putnam Scholarship**—available to communication, arts, and media majors in the fall semester.
- **Weston Christopher Moser Memorial Scholarship**—available to Communication Arts majors in the spring semester.

DANCE PERFORMANCE (DANP)

Bachelor of Arts

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communications (COM 101)	3
Foreign Language (2 semesters including 203)	6
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (2 semesters including HPE 319)	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101, DANP 125, DRAM 215, MUS 300)	12

Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six semesters of HPE 120 dance aerobic proficiency)	2

General Education Total 58

Major

DANP 106 Dance Seminar (taken 8 times at .5)	4
DANP 107 Improvisation I	1
DANP 108 Improvisation II	1
DANP 109 Dance Ensemble*	3
DANP 207 Fundamentals of Choreography	2
DANP 230 Dance for Worship*	3
DANP 307 Intermediate Choreography	2
DANP 325 History of Dance II	3
DANP 406 Pedagogy I	2
DANP 407 Advanced Choreography	2
DANP 420 Performance Arts Management	3
DANP 426 Pedagogy II	2
DANP 490 Senior Performance	3
HPE 316 Kinesiology and Biomechanics	3
<i>A total of eight semesters of ballet:</i>	11
DANP 100 Beginning Ballet	
DANP 103 Ballet I*	
DANP 203 Ballet II*	
DANP 303 Ballet III*	
DANP 403 Ballet IV*	
<i>A total of eight semesters of modern dance:</i>	11
DANP 101 Beginning Modern Dance	
DANP 104 Modern Dance I*	
DANP 204 Modern Dance II*	
DANP 304 Modern Dance III*	
DANP 404 Modern Dance IV*	
<i>A total of six semesters of dance forms:</i>	6
DANP 102 Beginning Dance Forms	
DANP 105 Dance Forms I*	
DANP 205 Dance Forms II*	
DANP 305 Dance Forms III*	

Major Total 62
Electives 8

Degree Total 128

*Class is taken for two semesters semesters.

DRAMA/TELEVISION/FILM PERFORMANCE MAJOR (DTF)

Bachelor of Science

All drama/television/film performance majors must register for DRAM 105 Drama/TV/Film Performance Seminar for eight semesters. The Drama/Television/Film/Performance program does not require a minor but does include a cognate of 21 additional hours of drama, mass media communication, and film courses.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3

Laboratory Science (2 semesters including HPE 319)	8	Oral Communications (COM 101)	3	and one of the following: HUM 222, 233, 244, 301, 333)	
Mathematics (MAT 151)	3	Foreign Language (2 semesters including 203)	6	Social Sciences Elective (Choice of one	3
American History (HIS 101)	3	Biblical Literature (BLIT 110, 120)	6	of the following: PSY 201, MUS 208,	
American Government (GOV 101)	3	Theology (THE 103)	3	SWK 202, SOC 101, SOC 201,	
Humanities (HUM 101 and DRAM 304	12	Laboratory Science (2 semesters including HPE 319)	8	SOC 323, BUS 201, FIN 244)	
plus one of the following:		Mathematics (MAT 151)	3	Health, Physical Education, and Recreation	2
HUM 222, 233, 244, 301, 333;		American History (HIS 101)	3	(Health Fitness I and II, swimming	
plus one of the following:		American Government (GOV 101)	3	course or proficiency, six semesters	
HUM 270 or DRAM 215)		Humanities (HUM 101 plus one of the following:	12	of HPE 120)	
Social Sciences Elective (Choice of one	3	HUM 222, 233, 244, 301, 333;		General Education Total	58
of the following: PSY 201, MUS 208,		plus one of the following:			
SWK 202, SOC 101, SOC 201,		HUM 270 or DRAM 215;			
SOC 323, BUS 201, FIN 244)		plus one of the following:			
Health, Physical Education, and Recreation	5	DRAM 304 or 305)		Major	
(one course per full-time semester at		Social Sciences Elective (Choice of one	3	MUS 001-025 Applied Music Voice	8
ORU, including HPE 001 and 002,		of the following: PSY 201, MUS 208,		(8 semesters at 1 hr. per semester)	
swimming course or proficiency, and		SWK 202, SOC 101, SOC 201,		MUS 001-025 Applied Music Piano	1
electives)		SOC 323, BUS 201, FIN 244)		MUS 073 Opera Theatre	4
		Health, Physical Education, and Recreation	5	(4 semesters at 1 hr. per semester)	
		(one course per full-time semester at		MUS 099 Music Seminar	2
		ORU, including HPE 001 and 002,		(4 semesters at .5 per semester)	
		swimming course or proficiency, and		MUS 101 Harmony I	2
		electives)		MUS 102 Harmony II	2
				MUS 103 Sight Singing I	2
		General Education Total	61	MUS 104 Sight Singing II	2
				MUS 241 Phonetics for Singers	1
		Major		MUS 352 Musical Theatre History	2
		DANP 100 Beginning Ballet	1	COM 306 Advanced Acting	3
		DANP 101 Beginning Modern Dance	1	DRAM 105 DTF Seminar	3
		DANP 102 Beginning Dance Forms	1	(6 semesters at .5 per semester)	
		DRAM 105 DTF Seminar (taken 8 times at .5)	4	DRAM 205 Fundamentals of Acting	3
		DRAM 204 Playwriting for the Church	3	DRAM 215 Introduction to Theatre	3
		DRAM 205 Fundamentals of Acting (for majors)	3	DRAM 216 Introduction to Technical Production	3
		DRAM 216 Introduction to Technical Production	3	DRAM 301 Acting for Musical Theatre	3
		DRAM 232 Acting Styles	3	DRAM 336 Directing	3
		DRAM 301 Acting for Musical Theatre	3	DRAM 405 Makeup Design	3
		DRAM 336 Directing	3	DRAM 499 Research and Senior Paper/Project	3
		DRAM 403 Costume Design	3		
		DRAM 405 Makeup Design	3	Major Total	53
		COM 306 Advanced Acting	3	Dance Minor	18
		COM 498 Senior Paper Preparation	1		
		DRAM 499 Research and Senior Paper/Project	2	Degree Total	129
		Choice of one of the following two design courses:	3		
		DRAM 233 Theatrical Lighting Design and Technology			
		DRAM 404 Theatrical Scene Design			
		DRAM 404 Theatrical Scene Design			
		Major Total	40		
		Minor	18		
		Electives	9		
		Degree Total	128		

THEATRE ARTS MAJOR (THA)

Bachelor of Arts

All theatre arts majors must register for DRAM 105 Drama/TV/Film Performance Seminar for eight semesters.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6

MUSICAL THEATRE (MUST)

Bachelor of Arts

The musical theatre major incorporates dance, acting, theatre, and music. It also requires a dance minor.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communications (COM 101)	3
Foreign Language (2 semesters including 203)	6
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (2 semesters including HPE 319)	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101, MUS 300, DRAM 305	12

GRAPHIC DESIGN PRINT MAJOR (GRP)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (Gen 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101, ART 103, ART 104	12
plus one of the following: HUM 222, 233, 244, 301, 333)	
Social Sciences Elective (Choice of one	3
of the following: PSY 201, MUS 208,	
SWK 202, SOC 101, SOC 201,	
SOC 323, BUS 201, FIN 244)	
Health, Physical Education, and Recreation	5
(one course per full-time semester at	
ORU, including HPE 001 and 002,	
swimming course or proficiency, and	
electives)	
General Education Total	55

Core Courses

ART 101	Fundamentals of Art I	3
ART 102	Fundamentals of Art II	3
ART 105	Color	3
ART 213	Drawing	3
ART 214	Figure Drawing	3
ART 307	Art History Survey III	3
ART 499	Senior Project	3

Core Total	21
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Major

ART 118	Design Technology	.5
ART 118	Design Technology	.5
ART 205	Typography	3
ART 218	Graphic Design I	3
ART 318	Graphic Design II	3
ART 355	Graphic Design Studio	3
ART 365	Digital Photography	3
ART 378	Motion Design	3
ART 442	Web Design	3
ART 453	Practicum Infield Study	3

Choice of six hours from the following:

ART 201	Ceramics I (3 hrs.)	6
ART 202	Sculpture I (3 hrs.)	
ART 203	Painting I (3 hrs.)	
ART 204	Printmaking I (3 hrs.)	
ART 331	Illustration (3 hrs.)	
ART	Art electives (3 hrs.)	6

Choice of six hours from the following:

ADV 221	Branding and Promotions (3 hrs.)	
ADV 320	Communications Research (3 hrs.)	
ADV 421	Media Buying and Selling (3 hrs.)	
INT 202	Introduction to 3-D Animation (3 hrs.)	
INT 301	Intermediate Interactive Media (3 hrs.)	
INT 302	Advanced 3-D and Animation (3 hrs.)	
INT 401	Advanced Interactive Media (3 hrs.)	
JRN 107	Newsriting I (3 hrs.)	
JRN 108	Newsriting I Lab (1 hr.)	
JRN 205	Writing for the Media (3 hrs.)	
JRN 214	Workshop: Newspaper (1-3 hrs.)	
JRN 215	Workshop: Newsgathering (1-3 hrs.)	
JRN 321	Media Law and Ethics (3 hrs.)	
MKT 333	Consumer Behavior (3 hrs.)	
MMC 489	Campaign Strategies (3 hrs.)	
PRP 213	Workshop: Publications (1-3 hrs.)	
PRP 217	Workshop: Public Relations (1-3 hrs.)	
PRP 225	Principles of Public Relations (3 hrs.)	
TVF 216	Workshop: Television Production (1-3 hrs.)	
TVF 218	Workshop: KORU (1-3 hrs.)	
TVF 128	Principles of Audio Production (3 hrs.)	
TVF 231	Principles of Television Production (3 hrs.)	
TVF 317	Media Analysis (3 hrs.)	
TVF 329	Advanced Television Production (3 hrs.)	

Major Total	40
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Electives Total	12
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Degree Total	128
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GRAPHIC DESIGN VIDEO MAJOR (GRV)

Bachelor of Science

General Education		Credit Hours
Whole Person Assessment (Gen 099)		0
English (COMP 102, 303)		6

Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101, ART 103, ART 104)	12
plus one of the following:	
HUM 222, 233, 244, 301, 333)	

Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5

General Education Total	55
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Core Courses

ART 101	Fundamentals of Art I	3
ART 102	Fundamentals of Art II	3
ART 105	Color	3
ART 213	Drawing	3
ART 214	Figure Drawing	3
ART 307	Art History Survey III	3
ART 499	Senior Project	3

Core Total	21
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Major

ART 118	Design Technology	.5
ART 118	Design Technology	.5
ART 205	Typography	3
ART 218	Graphic Design I	3
ART 318	Graphic Design II	3
ART 355	Graphic Design Studio	6
ART 365	Digital Photography	3
ART 378	Motion Design	3
ART 442	Web Design	3
ART 453	Practicum Infield Study	3
Choice of six hours from the following:		6
ART 201	Ceramics I (3 hrs.)	
ART 202	Sculpture I (3 hrs.)	
ART 203	Painting I (3 hrs.)	
ART 204	Printmaking I (3 hrs.)	
ART 331	Illustration (3 hrs.)	
ART	Art electives (3 hrs.)	

Major Total	34
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Cognate

JRN 107	Newsriting I	3
JRN 108	Newsriting I Lab	1
TVF 128	Principles of Audio Production	3
TVF 231	Principles of Television Production	3
TVF 202	Introduction to 3-D Animation	3
Choice of at least two hours from the following:		2
JRN 205	Writing for the Media (3 hrs.)	
JRN 214	Workshop: Newspaper (1-3 hrs.)	
JRN 215	Workshop: Newsgathering (1-3 hrs.)	
JRN 321	Media Law and Ethics (3 hrs.)	
MMC 489	Campaign Strategies (3 hrs.)	
PRP 213	Workshop: Publications (1-3 hrs.)	
PRP 217	Workshop: Public Relations (1-3 hrs.)	
PRP 225	Principles of Public Relations (3 hrs.)	
TVF 216	Workshop: Television Production (1-3 hrs.)	
TVF 218	Workshop: KORU (1-3 hrs.)	
TVF 312	Advanced Audio Production (3 hrs.)	

TVF 317	Media Analysis (3 hrs.)	
TVF 329	Advanced Television Production (3 hrs.)	
TVF 332	Field Production and Editing (3 hrs.)	
ADV 221	Branding and Promotions (3 hrs.)	
ADV 320	Communications Research (3 hrs.)	
ADV 421	Media Buying and Selling (3 hrs.)	
INT 301	Intermediate Interactive Media (3 hrs.)	
INT 302	Advanced 3-D and Animation (3 hrs.)	
INT 401	Advanced Interactive Media (3 hrs.)	

Cognate Total	15
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Electives Total	3
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Degree Total	128
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*Should be digital imaging courses. Students should consult with their advisors.

STUDIO ART MAJOR (STA) CERAMICS, PAINTING, SCULPTURE, PRINTMAKING

Bachelor of Arts

General Education	Credit Hours
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Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203, French or German recommended)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
Government (GOV 101)	3
Humanities (HUM 101, ART 103, ART 104, plus one of the following: HUM 222, 233, 244, 301, 333)	12
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5

General Education Total	61
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Core Courses

ART 101	Fundamentals of Art I	3
ART 102	Fundamentals of Art II	3
ART 105	Color	3
ART 213	Drawing	3
ART 214	Figure Drawing	3
ART 307	Art History Survey III	3
ART 499	Senior Project	3

Core Total	21
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Major

ART 201	Ceramics I	3
ART 202	Sculpture I	3
ART 203	Painting I	3
ART 204	Printmaking I	3
ART 365	Digital Photography	3
ART 452	Directed Study*	3
ART 452	Directed Study*	3

<i>Choice of three of the following courses:</i>	9
ART 301 Ceramics II (3 hrs.)	
ART 302 Sculpture II (3 hrs.)	
ART 303 Painting II (3 hrs.)	
ART 304 Printmaking II (3 hrs.)	
ART Art electives (3-6 hrs.)	

Major Total 30

*Identical disciplines (same section number) are required for both directed study courses.

Cognate

<i>Choice of one of the following courses:</i>	3
ADV 221 Branding and Promotions	
MGT 421 Entrepreneurship	

Cognate Total 3

Electives Total 13

Degree Total 128

MEDIA (MEDA)

Bachelor of Science

The media major purposes (1) to develop skills in production and dissemination of material through the media (television, film, Web, journalism), which provide a foundation on which to build specific career skills; (2) to provide a base for a wide range of vocational experiences in media communication, which center on production, direction, and management; and (3) to provide appropriate preparation for graduate study.

The Bachelor of Science in Media offers four concentrations: convergent journalism, public relations, advertising, and multimedia production (film, interactive, television). Students declare a program of study and must take the designated program coursework including general education, courses for the major, the concentration and related cognate, and a choice of a minor or electives. A first-semester student should seek academic advisement from a media faculty member in his or her chosen concentration and enroll in MMC 104 during the first fall semester at ORU.

Students interested in the multimedia production concentration must complete the MultiMedia Institute, a rigorous, junior-year apprenticeship. More information is in the MultiMedia Institute section on the next page.

Students with this major take the designated coursework in the following areas: general education, major, a choice of a concentration along with its cognate, and a choice of a minor or electives. Because it is a prerequisite, MMC 104 must be taken during a student's first year on campus.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (lecture and lab)*	8
Mathematics	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus one of the following: HUM 222, 233, 244, 301, 333; plus two** of the following: 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Social Sciences Elective (Choice of one	3

of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	
Health, Physical Education, and Recreation	5
(one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	

General Education Total 55

*Students choosing the multimedia production concentration need to take PSC 103 for one of the lab science courses.

**Students choosing the convergence journalism need to take DRAM 215, and students choosing the advertising or public relations concentrations need to take either ART 103 or 104.

Major

MMC 104 Media and Pop Culture	3
JRN 107 Newswriting I	3
JRN 108 Newswriting I Lab	1
ADV 221 Branding and Promotions	3
CAM 451 Communications Internship	3
MMC 489 Campaign Strategies	3
MMC 499 Senior Research Project	3
Concentration*	12

Major Total 31

*Students majoring in mass communications need to choose one of the following concentrations and its corresponding cognate.

■ Convergent Journalism (CJC)

JRN 205 Writing for the Media	3
JRN 305 News Editing	3
JRN 321 Media Law and Ethics	3
TVF 408 Broadcast News	3

Concentration Total 12

Convergent Journalism Cognate

INT 201 Introduction to Interactive Media	3
TVF 127 Introduction to Audio Production	3
TVF 228 Introduction Television Production	3
TVF 332 Field Production and Editing	3

Choice of one of the following:

INT 212 Workshop: Interactive Media	1
PRP 213 Workshop: Publications	
PRP 217 Workshop: Public Relations	
JRN 214 Workshop: Newspaper	
JRN 215 Workshop: Newsgathering	
TVF 216 Workshop: Television Production	
TVF 218 Workshop: KORU	

Choice of two of the following courses: 6

TVF 345 Announcing	
JRN 317 Investigative Reporting	
JRN 444 Feature Writing	
ART 365 Digital Photography	

Cognate Total 19

Minor and/or Electives 23

Degree Total with Concentration 128

■ Public Relations (PRC)

JRN 205 Writing for the Media	3
JRN 321 Media Law and Ethics	3
ADV 320 Communications Research	3
<i>Choice of one of the following courses:</i>	3
COM 302 Advanced Public Speaking	
COM 309 Argumentation and Persuasion	

COM 342 Communication Theory	
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Concentration Total 12

Public Relations Cognate

PRP 213 Workshop: Publications	3
PRP 225 Principles of Public Relations	3
PRP 428 Public Relations Case Studies	3
JRN 305 News Editing	3
ART 101 Fundamentals of Art I	3
ART 218 Graphic Design I	3
<i>Choice of one of the following courses:</i>	3
INT 201 Introduction to Interactive Media	
ART 365 Digital Photography	
TVF 332 Field Production and Editing	

Cognate Total 19

Minor and/or Electives 23

Degree Total with Concentration 128

■ Advertising (ADC)

JRN 205 Writing for the Media	3
JRN 321 Media Law and Ethics	3
ADV 320 Communications Research	3
<i>Choice of one of the following courses:</i>	3
COM 302 Advanced Public Speaking	
COM 309 Argumentation and Persuasion	
COM 342 Communication Theory	

Concentration Total 12

Public Relations/Advertising Cognate

ART 101 Fundamentals of Art I	3
ART 218 Graphic Design I	3
INT 201 Introduction to Interactive Media	3
MKT 333 Consumer Behavior	3
ADV 421 Media Buying and Selling	3
ADV 211 Media Workshop: Advertising	3
<i>Choice of one of the following courses:</i>	3
ART 365 Digital Photography	
TVF 332 Field Production and Editing	

Cognate Total 19

Minor and/or Electives 34

Degree Total with Concentration 128

■ MultiMedia Production Concentration* (MMPC)

INT 201 Introduction to Interactive Media	3
INT 301 Intermediate Interactive Media	3
INT 302 Advanced Interactive Media	3
TVF 318 Fundamentals of Scriptwriting	3

Concentration Total 12

MultiMedia Production Cognate

TVF 128 Principles of Audio Production	3
TVF 231 Principles of Television Production	3
TVF 332 Field Production and Editing	3
TVF 337 Film Production Techniques	3
<i>Choice of two of the following courses:</i>	6
TVF 312 Advanced Audio Production	
TVF 313 Lighting for TV/Film	
TVF 314 Media Operations	

Cognate Total 18

Minor and/or Electives 24

Degree Total with Concentration 128

*Students interested in graduating with this concentration must get advisor approval and complete the MultiMedia Institute, which is explained on the following page.

MultiMedia Institute

The MultiMedia Production concentration requires 31 hours of core courses and 18 hours of concentration plus six designated elective hours. Students apply for entrance into this selective program during their sophomore year. Acceptance into the program is limited and based on admission to the MultiMedia Institute, which includes (but is not limited to) the following criteria: (1) performance in previous production courses; (2) evaluation by previous media professors; (3) previous class attendance, participation, and academic performance; (4) the student's entrance essay and interview; (5) the student's professional goals; and (6) willingness to commit to the discipline and schedule of the program. Students not selected to the MultiMedia Institute are required to choose a new program of study or major. Students who transfer into ORU or who declare this area of concentration after 32 credit hours of college work may be required to spend additional semesters to complete this concentration.

Oral Roberts University has always been a leader in technology. The MultiMedia Institute positions ORU at the forefront in new technology. The Institute is composed of media professionals and faculty from the Communication, Arts, and Media Department.

Students participating in the MultiMedia Institute during their junior year receive intense (40 hours per week) hands-on experience over two semesters. Students develop competencies working on real world projects. These projects include audio and video production, Web and interactive authoring, and Internet development. Students completing studies at the Institute will have a Web portfolio of their work. There is a one-time fee to cover the cost (approximately \$3100) of a high-end laptop and programs and \$900 to cover long-distance field trips.

Students are taught by faculty as well as daily industry professionals. Programs students produce may be educational, entertainment, or instructional in nature. More information is available from the Director of the MultiMedia Institute.

ORGANIZATIONAL/ INTERPERSONAL COMMUNICATION MAJOR (OICO)

Bachelor of Arts

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
FOREIGN LANGUAGE (2 SEMESTERS INCLUDING 203)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (lecture and lab)	8
Mathematics (MAT 232 is suggested.)	3
American History 101	3
Government 101	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Social Sciences Elective: (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, BUS 201, FIN 244, SOC 323)	3
Health, Physical Education, and Recreation	5

(one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)

General Education Total 61

*At least one course must be chosen from list courses marked with asterisks.

Major

COM 203	Interpersonal Communication	3
COM 251	Organizational/Interpersonal Seminar	1
COM 300	Organizational Communication	3
COM 302	Advanced Public Speaking	3
COM 309	Argumentation and Persuasion	3
COM 342	Communication Theory	3
COM 498	Senior Paper Preparation	1
COM 499	Research and Senior Paper/Project	2
Choice of one of the following three courses:		3
COM 322	Interviewing	
COM 410	Discussion and Conference Leadership	
COM 446	Business and Professional Speech	
Choice of three of the following O/ICom courses:		9
COM 322	Interviewing	
COM 409	Gender and Family Communication	
COM 410	Discussion and Conference Leadership	
COM 412	Training and Development	
COM 444	Advanced Interpersonal Communication	
COM 446	Business and Professional Speech	
CAM 451	Internship	
ESL 413	Cross-Cultural Communication	

Major Total 31
Minor 18
Electives 18

Degree Total 128

COMMUNICATION ARTS EDUCATION MAJOR (CAE) WITH SECONDARY SCHOOL TEACHING LICENSURE

Bachelor of Arts

Students preparing to teach communication arts (e.g., speech, drama, debate) in the secondary schools (middle and high school grades) achieve a major in communication arts. Secondary school teaching areas in speech communication include drama, debate, forensics, general speech, and combined areas.

Students may earn licensure in a second subject/content area. The Oklahoma Commission for Teacher Preparation requires the OSAT/OPTE test(s) be passed in order to obtain a license in an additional subject/content area. Students interested in completing coursework toward additional licensing should consult the subject area advisor.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Mathematics (MAT 113-421)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Biology (lecture and lab)	4
Physical Science (lecture and lab)	4
Biblical Literature (BLIT 110, 120)	6

Theology (THE 103)	3
Foreign language (2 semesters including 203)	6
Humanities (HUM 101 plus two of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	9
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 323 SWK 202, SOC 101, SOC 201)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives)	5

General Education Total 58

Major

TVF 345	Announcing	3
DRAM 105	Drama/TV/Film Performance Seminar	0
COM 202	Oral Interpretation of Literature	3
DRAM 205	Fundamentals of Acting	3
DRAM 215	Introduction to Theatre	3
DRAM 216	Introduction to Technical Production	3
COM 250	Forensics	1
COM 260	Debate and Tournament Directing	2
DRAM 304	Theatre History I	3
DRAM 305	Theatre History II	3
COM 309	Argumentation and Persuasion	3
DRAM 336	Directing	3
DRAM 498	Senior Paper Preparation	1
DRAM 499	Research and Senior Paper/Project	2
DANP 107	Improvisation I	1
GOV 488	Model United Nations	1
Choice of one of the following courses:		1
DANP 100	Beginning Ballet	
DANP 101	Beginning Modern Dance	
DANP 102	Beginning Dance Forms	
Choice of one of the following courses:		3
COM 302	Advanced Public Speaking	
DRAM 306	Advanced Acting	
GOV 487	Oklahoma Intercollegiate Legislature (3 hrs.)	
Choice of two of the following courses:		6
DRAM 403	Costume Design	
DRAM 404	Theatrical Scene Design	
IS 301	Christian Worldview	
Choice of one of the following courses:		3
MMC 104	Media and Pop Culture	
TVF 228	Introduction to Television Production	
TVF 231	Principles of TV Production	

Major Total 48

Professional Education

PED 100	Education Seminar (every semester)	0
PED 121	Field Based Experience/Practicum (Secondary)	1
PED 203	Foundations and Methods of Education	3
PED 222	School Health Care	1
PED 305	Pedagogy I	4
PED 306	Pedagogy II	4
PED 361	Professional Education Seminar/Portfolio	0
PED 485	Intern/Student Teaching: 7-9	5
PED 495	Intern/Student Teaching 10-12	5
COM 450	Teaching Communication Arts	3

Professional Education Total 26

Degree Total 132

ART EDUCATION MAJOR (ARTE) WITH K-12 TEACHING LICENSURE

Bachelor of Arts

The art education major is for students planning standard certification to teach art in elementary and secondary grades. The major meets licensure standards for the State of Oklahoma and is offered in cooperation with the ORU College of Education. Students interested in this major should work with both the advisor in this department and the College of Education.

Students may earn licensure in a second subject/content area. The Oklahoma Commission for Teacher Preparation requires the OSAT/OPTE test(s) be passed in order to obtain a license in an additional subject/content area. Students interested in completing coursework toward additional licensing should consult the subject area advisor.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Social Sciences (SOC 323)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Physical Science (lecture and lab)	4
Biological Science (lecture and lab)	4
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives)	5
General Education Total	61

*At least one course must be chosen from list courses marked with asterisks.

Major

ART 101 Fundamentals of Art I	3
ART 102 Fundamentals Art II	3
ART 103 Art History Survey I	3
ART 105 Color	3
ART 118 Design Technology	0.5
ART 201 Ceramics I	3
ART 203 Painting I	3
ART 204 Printmaking I	3
ART 213 Drawing	3
ART 214 Figure Drawing	3
ART 218 Graphic Design I	3
ART 223 Crafts	3
ART 333 Watermedia	3
<i>Choice of two the following courses:</i>	6
ART 104 Art History Survey II	
ART 202 Sculpture I	
ART 301 Ceramics II	
ART 303 Painting II	
ART 318 Graphic Design II	
ART 365 Digital Photography	
ART 452 Directed Study (Printmaking)	
Major Total	42.5

Note: The requirement of a senior paper/project is met by the professional education portfolio.

Professional Education

PED 100 Education Seminar (every semester)	0
<i>Choice of one of the following two field experiences:</i>	1
PED 111 Field-Based Experience/ Practicum (Elementary)	
PED 121 Field-Based Experience/ Practicum (Secondary)	
PED 203 Foundations and Methods of Education	3
PED 222 School Health Care	1
PED 305 Pedagogy I	4
PED 306 Pedagogy II	4
PED 361 Professional Education Seminar/ Portfolio	0
PED 475 Student Teaching: Elementary	5
PED 495 Intern/Student Teaching: 10-12	5
ART 456 Secondary Art Methods and Evaluation	3
ART 462 Elementary Art Methods and Evaluation	3
Professional Education Total	29
Degree Total	132.5

ART MINOR (ARTM)

The art minor is designed for students majoring in another field.

<i>Choice of one of the following two courses:</i>	3
ART 101 Fundamentals of Art I	
ART 102 Fundamentals of Art II	
<i>Choice of one of the following three courses:</i>	3
ART 103 Art History Survey I	
ART 104 Art History Survey II	
ART 307 Art History Survey III	
<i>Choice of twelve hours from the following courses:</i>	12
ART 105 Color (3 hrs.)	
ART 118 Design Technology (0.5 hrs.)	
ART 201 Ceramics I (3 hrs.)	
ART 202 Sculpture I (3 hrs.)	
ART 203 Painting I (3 hrs.)	
ART 204 Printmaking I (3 hrs.)	
ART 205 Typography (3 hrs.)	
ART 213 Drawing (3 hrs.)	
ART 214 Figure Drawing (3 hrs.)	
ART 218 Graphic Design I (3 hrs.)	
ART 223 Crafts (3 hrs.)	
ART 301 Ceramics II (3 hrs.)	
ART 302 Sculpture II (3 hrs.)	
ART 303 Painting II (3 hrs.)	
ART 304 Printmaking II (3 hrs.)	
ART 318 Graphic Design II (3 hrs.)	
ART 333 Watermedia (3 hrs.)	
ART 365 Digital Photography (3 hrs.)	
ART 378 Motion Design (3 hrs.)	
ART 442 Web Design (3 hrs.)	
ART 452 Directed Study (1-3 hrs.)	
ART 456 Secondary Art Methods and Evaluation (3 hrs.)	
ART 462 Elementary Art Methods and Evaluation (3 hrs.)	
Minor Total	18

DANCE MINOR (DANM)

This minor is for musical theatre majors only.

Requirements for the dance minor are 18 semester hours selected from the courses in each area below.

DANP 107 Improvisation I	1
DANP 108 Improvisation II	1
DANP 207 Fundamentals of Choreography	2
DANP 307 Intermediate Choreography	2
<i>Choice of two to four hours from the following:</i>	2-4
DANP 100 Beginning Ballet* (1 hr.)	
DANP 103 Ballet I* (1 hr.)	
DANP 203 Ballet II* (1 hr.)	
DANP 303 Ballet III* (1 hr.)	
DANP 403 Ballet IV* (1 hr.)	
<i>Choice of two to four hours from the following:</i>	2-4
DANP 101 Beginning Modern Dance* (1 hr.)	
DANP 104 Modern Dance I* (1 hr.)	
DANP 204 Modern Dance II* (1 hr.)	
DANP 304 Modern Dance III* (1 hr.)	
DANP 404 Modern Dance IV* (1 hr.)	
<i>Choice of six hours from the following:</i>	6
DANP 102 Beginning Dance Forms* (1 hr.)	
DANP 105 Dance Forms I* (1 hr.)	
DANP 205 Dance Forms II* (1 hr.)	
DANP 305 Dance Forms III* (1 hr.)	
Minor Total	18

*Course can be taken more than once for credit.

DRAMA MINOR (DRAM)

DRAM 215 Introduction to Theatre	3
DRAM 216 Introduction to Technical Production	3
DRAM 336 Directing	3
DRAM 205 Fundamentals of Acting	3
COM Drama electives*	6
Minor Total	18

*With approval of the drama advisor.

GRAPHIC DESIGN MINOR (GRDM)

This minor is intended for students who major in a field other than graphic design print or video. It provides a basic overview to terminology, strategy, and techniques of graphic design practice.

ART 101 Fundamentals of Art I	3
ART 118 Design Technology*	.5
ART 118 Design Technology*	.5
ART 218 Graphic Design I	3
ART 318 Graphic Design II	3
ART 353 Graphic Design Studio*	1.5
ART 353 Graphic Design Studio*	1.5
<i>Choice of one of the following:</i>	3
ART 105 Color	
ART 213 Drawing	
<i>Choice of one of the following:</i>	3
ART 103 Art History Survey I	
ART 104 Art History Survey II	
ART 307 Art History Survey III	
Minor Total	19

*This course is to be taken for two semesters.

FINE ARTS TECHNOLOGY MINOR (FATM)

Students choose a total of 18 hours, nine from each of two areas. At least one course from each area must be 300 or 400 level. To have a fine arts technology minor, students majoring in art, music, or multimedia must choose the two areas outside the major.

Art

ART 101	Fundamentals of Art I	3
ART 105	Color	3
ART 213	Drawing	3
ART 218	Graphic Design I	3
ART 365	Digital Photography	3

Art Total 9

Communication Arts

Choice of three of the following courses: 9

TVF 128	Principles of Audio Production (3 hrs.)
INT 201	Introduction to Interactive Media (3 hrs.)
TVF 228	Introduction to TV Production (3 hrs.)
INT 301	Intermediate Interactive Media (3 hrs.)
TVF 318	Fundamentals of Scriptwriting (3 hrs.)
INT 302	Advanced Interactive Media (3 hrs.)
TVF 317	Media Analysis (3 hrs.)

Communication Arts Total 9

Music

MUS 300	Music Appreciation	3
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Choice of two of the following courses: 2

MUS 061/089	Performance Groups (1 hr.)
MUS 001/025	Applied Music (1 hr.)
MUS 131	Class Voice (1 hr.)
MUS 135	Class Guitar (1 hr.)

Choice of four hours from the following: 4

MUS 105	Introduction to Music Technology (1 hr.)
MUS 313	Sequencing and Digital Audio (3 hrs.)
MUS 315	Music Rich Media (3 hrs.)
CHIL 400	Introduction to Sound Reinforcement (2 hrs.)
CHIL 401	Studio Recording and Music Production I (3 hrs.)
CHIL 402	Studio Recording and Music Production II (3 hrs.)
CHIL 403	Recording Studio Maintenance (1 hr.)
CHIL 404	Advanced Studio Recording (1 hr.)
CHIL 405	New Technology Audio Production (1 hr.)

Music Total 9

Minor Total 18

HUMAN RESOURCES DEVELOPMENT MINOR (HRM/HRNM)

This minor has two tracks, depending on whether or not the student is an organizational/interpersonal communication major.

For organizational/interpersonal communication majors (HRM)

MGT 130	Principles of Management	3
MGT 352	Organizational Behavior	3
MGT 353	Human Resources Management	3
PRP 225	Principles of Public Relations	3
COM 412	Training and Development	3
COM	O/I COM Elective	3

Minor Total 18

For students not majoring in organizational/interpersonal communication (HRNM)

COM 203	Interpersonal Communication	3
COM 300	Organizational Communication	3
COM 412	Training and Development	3
MGT 353	Human Resource Management	3

Choice of one of the following two courses: 3

COM 322	Interviewing
COM 410	Discussion and Conference Leadership
COM	Elective* (a related human resource field from psychology, sociology, business, or communications areas)

Minor Total 18

*With advisor's approval.

JOURNALISM MINOR (JRNM)

This minor is for students majoring outside of the Communication Arts Department. It is designed for those preparing to enter news fields and for those planning to undertake graduate study in journalism.

JRN 107	News Writing I	3
JRN 205	Writing for the Media	3
JRN 317	Investigative Reporting	3
JRN 444	Feature Writing	3

Choice of six hours from the following courses*: 6

MMC 104	Media and Pop Culture (3 hrs.)
PRP 213	Workshop: Publications (1-3 hrs.)
TVF 408	Broadcast News (3 hrs.)
PRP 225	Principles of Public Relations (3 hrs.)
CAM 451	Communications Internship (3 hrs.)

Minor Total 18

*With approval of journalism advisor.

MEDIA MINOR (MEDM)

This minor is designed for students majoring outside of the department. If a student declares this minor and then decides to become a mass media communication major with a multimedia production concentration, that student must be accepted into the MultiMedia Institute before completing the 18 hours and must complete the year-long residential program.

INT 201	Introduction to Interactive Media	3
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Choice of one of the following two courses: 3

TVF 228	Introduction to TV Production
TVF 231	Principles of TV Production

Choice of one of the following two courses: 3

TVF 127	Introduction to Audio Production
TVF 128	Principles of Audio Production

Choice of three of the following courses: 9

INT 301*	Intermediate Interactive Media
INT 302*	Advanced Interactive Media
TVF 313	Lighting for TV/Film
TVF 332	Field Production and Editing
TVF 337	Film Production Techniques
TVF 457	Advanced Field Production/Editing
CAM 451	Internship

Minor Total 18

*These classes are available only through the Summer Institute.

ORGANIZATIONAL/INTERPERSONAL COMMUNICATION MINOR (OICM)

COM 203	Interpersonal Communication	3
COM 300	Organizational Communication	3
COM 302	Advanced Public Speaking	3
COM 309	Argumentation and Persuasion: Theory and Practice	3
COM 342	Communication Theory	3
COM	Elective*	3

Minor Total 18

*With approval of organizational/interpersonal advisor

PUBLIC RELATIONS AND ADVERTISING MINOR (PRAM)

This minor is for students outside the Mass Media Communications major. It is designed especially for those preparing to enter these fields and for those planning to undertake graduate study in related areas.

ADV 211	Workshop: Advertising	1
ADV 221	Branding and Promotions	3
ADV 320	Communications Research	3
JRN 107	News Writing I	3
JRN 108	News Writing I Lab	1
PRP 213	Workshop: Publications	1
PRP 225	Principles of Public Relations	3
PRP 427	Public Relations Management	3

Minor Total 18

THEATRE MINOR (THM)

This minor is designed to provide theatre experience for students majoring in music.

DRAM 105	Drama/Television/Film Performance Seminar	3
DRAM 205	Fundamentals of Acting	3
DRAM 215	Introduction to Theatre	3
DRAM 301	Acting for Musical Theatre	3
DRAM 336	Directing	3
DRAM 405	Makeup Design	3

Minor Total 18

Departmental Courses

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

Advertising

ADV 211	Workshop: Advertising
ADV 221	Branding and Promotions
ADV 320	Communication Research
ADV 421	Media Buying and Selling
ADV 499	Senior Research Project
ADV 999	Elective

ART

ART 101	Fundamentals of Art I
ART 102	Fundamentals of Art II

ART 103	Art History Survey I
ART 104	Art History Survey II
ART 105	Color
ART 118	Design Technology
ART 201	Ceramics I
ART 202	Sculpture I
ART 203	Painting I
ART 204	Printmaking I
ART 205	Typography
ART 213	Drawing
ART 214	Figure Drawing
ART 218	Graphic Design I
ART 223	Crafts
ART 301	Ceramics II
ART 302	Sculpture II
ART 303	Painting II
ART 304	Printmaking II
ART 307	Art History Survey III
ART 318	Graphic Design II
ART 331	Illustration
ART 333	Watermedia
ART 353	Practicum Infield Study I
ART 355	Graphic Design Studio
ART 363	Black and White Photography
ART 365	Digital Photography
ART 378	Motion Design
ART 440	Computer Graphics (DTP)
ART 442	Web Design
ART 452	Directed Study
ART 453	Practicum Infield Study
ART 456	Secondary Art Methods and Evaluation
ART 462	Elementary Art Methods and Evaluation
ART 499	Senior Project
ART 999	Elective

Communication Arts

CAM 426	Communication Seminar
CAM 451	Communications Internship
CAM 453	Directed Study and Research
COM 101	Oral Communication
COM 102	Voice, Diction, and Phonetics
COM 202	Oral Interpretation of Literature
COM 450	Teaching Communication Arts
COM 498	Senior Paper Preparation
COM 499	Research and Senior Paper/Project
COM 999	Elective

Organizational/Interpersonal Communication

COM 203	Interpersonal Communication
COM 250	Forensics
COM 251	Organizational/Interpersonal Seminar
COM 260	Debate and Tournament Directing
COM 300	Organizational Communication
COM 302	Advanced Public Speaking
COM 309	Argumentation and Persuasion: Theory and Practice
COM 322	Interviewing
COM 342	Communication Theory
COM 409	Gender and Family
COM 410	Discussion and Conference Leadership
COM 412	Training and Development
COM 444	Advanced Interpersonal Communication
COM 446	Business and Professional Speech

Dance Performance

DANP 100	Beginning Ballet
DANP 101	Beginning Modern Dance
DANP 102	Beginning Dance Forms
DANP 103	Ballet I
DANP 104	Modern Dance I
DANP 105	Dance Forms I
DANP 106	Dance Seminar
DANP 107	Improvisation I

DANP 108	Improvisation II
DANP 109	Dance Ensemble
DANP 125	History of Dance I
DANP 203	Ballet II
DANP 204	Modern Dance II
DANP 205	Dance Forms II
DANP 207	Fundamentals of Choreography
DANP 230	Dance for Worship
DANP 303	Ballet III
DANP 304	Modern Dance III
DANP 305	Dance Forms III
DANP 307	Intermediate Choreography
DANP 325	History of Dance II
DANP 403	Ballet IV
DANP 404	Modern Dance IV
DANP 406	Pedagogy I: Dance Techniques for Children
DANP 407	Advanced Choreography
DANP 420	Performing Arts Management
DANP 426	Pedagogy II: Dance Techniques for Secondary Education
DANP 490	Senior Performance
DANP 999	Elective

Drama

DRAM 105	Drama/Television/Film Performance Seminar
DRAM 107	Film Acting Technique
DRAM 150	Drama in the Church
DRAM 204	Playwriting for the Church
DRAM 205	Fundamentals of Acting
DRAM 215	Introduction to Theatre
DRAM 216	Introduction to Technical Production
DRAM 232	Acting Styles
DRAM 233	Theatrical Lighting Design and Technology
DRAM 301	Acting for Musical Theatre
DRAM 304	Theatre History I
DRAM 305	Theatre History II
DRAM 306	Advanced Acting
DRAM 336	Directing
DRAM 350	Radio Drama
DRAM 403	Costume Design
DRAM 404	Theatrical Scene Design
DRAM 405	Makeup Design
DRAM 498	Senior Paper Preparation
DRAM 499	Research and Senior Paper/Project
DRAM 999	Elective

Interactive Media

INT 201	Introduction to Interactive Media
INT 202	Introduction to 3-D and Animation
INT 211	Advanced 3-D and Animation
INT 212	Workshop: Interactive Media
INT 301	Intermediate Interactive Media
INT 302	Advanced 3-D and Animation
INT 401	Advanced Interactive Media
INT 401	Advanced Interactive Media
INT 499	Senior Research Project
INT 999	Elective

Journalism

JRN 107	News Writing I
JRN 108	News Writing I Lab
JRN 205	Writing for the Media
JRN 214	Workshop: Newspaper
JRN 215	Workshop: Newsgathering
JRN 305	News Editing
JRN 317	Investigative Reporting
JRN 321	Media Law and Ethics
JRN 332	Journalism Seminar
JRN 444	Feature Writing
JRN 499	Senior Research Project
JRN 999	Elective

Mass Media Communication

MMC 104	Media and Pop Culture
MMC 312	Advanced Audio Production
MMC 489	Campaign Strategies
MMC 499	Senior Research Project
MMC 999	Elective

Public Relations

PRP 213	Workshop: Publications
PRP 217	Workshop: Public Relations
PRP 225	Principles of Public Relations
PRP 427	Public Relations Management
PRP 428	Public Relations Case Studies
PRP 499	Senior Research Project
PRP 999	Elective

Television/Film

TVF 127	Introduction to Audio Production
TVF 128	Principles of Audio Production
TVF 216	Workshop: Television Production
TVF 218	Workshop: KORU
TVF 228	Introduction to Television Production
TVF 231	Principles of TV Production
TVF 300	Non-linear Editing
TVF 301	Motion Graphics and Compositing
TVF 312	Advanced Audio Production
TVF 313	Lighting for TV/Film
TVF 314	Media Operations
TVF 317	Media Analysis
TVF 318	Fundamentals of Scriptwriting
TVF 329	Advanced Television Production
TVF 332	Field Production and Editing
TVF 337	Film Production Techniques
TVF 345	Announcing
TVF 408	Broadcast News
TVF 447	Producing and Directing
TVF 457	Advanced Field Production and Editing
TVF 499	Senior Research Project
TVF 999	Elective

ENGLISH AND MODERN LANGUAGES DEPARTMENT

Rob Skinner, Ed.D., *Chair*

MISSION STATEMENT: The English and Modern Languages Department supports the University mission by preparing students to be effective thinkers and communicators in the languages of their choice. Objectives include skills in reading, writing, understanding, and speaking the language with proper grammatical structure, as well as knowledge about the history, culture, and religions of the respective language groups. The curriculum focuses on the literary, artistic, linguistic, and cultural heritage for contemporary Christian students and encourages students to apply their commitment to Jesus Christ to the people of the target languages studied. The faculty seeks to train students to pursue these qualities and the ethical incorporation of source material in their own writing and reading as they evaluate the literature and arts of the culture. The department directs its efforts toward developing intellectually alert and socially adept graduates who are spiritually alive to the concerns of the people whose language they are studying.

Overview

Skill in language is a prerequisite in almost any occupation or profession. Familiarity with literature, as well as sound writing and speaking skills, is an essen-

tial part of a liberal arts education. Students graduating with a major in a language or in writing have a solid foundation for careers in a variety of fields. Teaching, journalism, government, law, library science, theology, and missions all require individuals with competent language skills.

GENERAL EDUCATION COURSES

All ORU students pursuing a bachelor's degree at ORU are required to successfully complete COMP 102 and 303. If a student's SAT or ACT score indicates the student also needs to take COMP 101, the COMP 101 course can count for one of the humanities courses or for an elective.

All students pursuing the bachelor of arts degree (regardless of major) are required to successfully complete two semesters (six hours minimum) of the same modern foreign language, including at least the 203 level. Students with high school credit in a foreign language may take courses in either the same language or in a different language to fulfill the general education language requirement for the B.A. degree. However, if a student opts to take a different foreign language than the one taken in high school, he or she must still complete courses through the 203 level of the different foreign language chosen. Although only six hours (e.g., 203 level and 204 level) of a foreign language are required in the general education portion of a B.A. degree, students may use any hours beyond six general education hours (e.g., the five hours earned in the 101 level) to apply to their electives. Or, if a student takes the 102 and 203 levels (totaling eight hours) to fulfill the general education requirement, he or she can use the two hours beyond the six required for general education to count as two hours of elective credit.

Students majoring or minoring in any of the foreign languages in this department automatically complete their bachelor of arts language requirement through completing their language major or minor.

Students who place into a 203-level course and above may consider a second major or minor through the foreign language test-out program. A minimum grade of "C" must be achieved before the next level is taken. More information is available from the English and Modern Languages Department.

Bachelor of arts or bachelor of science students wishing to count the following classes toward a major/minor must enroll in the following test-out classes:

Hebrew:	102-85, 203-85, or 204-85
French:	102-85, 203-85, or 204-85
Spanish:	102-85, 203-85, or 204-85

International students matriculating in a bachelor of arts degree program are generally required to meet the same entrance and degree requirements in foreign language as American students. However, students who have proof of foreign birth and citizenship, whose native language is not English, and who have studied academically for four years at the high school level in their native language meet the entrance and degree foreign language requirements.

Honors sections of the general education requirements COMP 102 and 303 are available for students earning an ACT English score of 29 or higher or an SAT Verbal score of 640 or higher. Students who have satisfactorily passed the COMP 102 course may substitute an upper division English course for COMP 303 requirement.

DEGREE PROGRAMS

The English and Modern Languages Department offers majors in English literature, French, Spanish, Modern Foreign Language Education (K-12), English Education, and writing. Students majoring in English, French, or Spanish need to declare a minor. Students majoring in modern foreign language education need to complete a cognate of 6-10 hours (two courses) in a second foreign language, and students majoring in writing need to complete a concentration (12 hours) in journalism or English literature.

Minors are available in French, Spanish, Hebrew, business language, English literature, preprofessional English, and writing.

English Literature (B.A.)

The English literature major covers English literature, world literature, and American literature, as well as specific literary periods, such as the modern period, the English Romantic period, and others. These courses also focus on literary analysis, expression, and critique.

French (B.A.)

The French major covers language, linguistics, literature, culture, and history. This major provides a good liberal arts education and helps prepare students for graduate studies and for careers in teaching, mission work, and international business.

Spanish (B.A.)

The Spanish major covers language, linguistics, literature, culture, and history. This major provides a good liberal arts education and helps prepare students for graduate studies and for careers in teaching, mission work, social work, and international business.

Writing (B.A.)

Students desiring to major in writing may choose to focus on either literary or technical writing. Literary writing focuses on different literary genres, such as short story, poetry, scriptwriting, and others. For those choosing technical writing, the courses focus more on technical writing skills in the workplace, such as grant proposals, product manuals, and Web design. Writing majors are also required to complete a writing internship and pass a writing proficiency exam as part of their degree plan.

Teaching Licensure

The English and Modern Languages Department offers three options for students wanting to teach: (1) completion of the modern language education major and (2) completion of the English education major, or (3) completion of an English literature or Spanish or French major, which can lead to certification.

As alternative certification is intended for those seeking career changes, requirements vary widely from state to state, and laws governing these programs can change frequently. Therefore, students interested in pursuing alternative certification need to meet with the ORU College of Education's certification officer to ensure they are well informed prior to choosing this option. Students pursuing alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification.

A cooperative liaison is maintained throughout the program by the English and Modern Languages Department and the ORU College of Education. For this reason, it is important that all students interested in

teaching identify themselves to both this department and the College of Education as soon as possible.

Modern Language Education (B.A.)

This major is a combination of education courses and language courses (French or Spanish) that is designed to equip students to earn teacher certification and teach French or Spanish in private and public middle or high schools.

English Education (B.A.)

The English and Modern Languages Department and the College of Education offer courses especially designed to equip students to earn teacher certification and teach English or writing in private and public middle or high schools.

Concentrations

Numerous concentrations, designed to supplement a student's education, are offered to English and writing majors. For students majoring in English literature, concentrations are optional, but students majoring in writing need to choose a concentration in either journalism or literature. There is a wide variety of concentrations to choose from, including business, church history, marketing, and pre-law. Many of the concentrations are available to both English and writing majors. Twelve hours of course work are required for a concentration, and English literature majors may use some of their elective hours to fulfill this requirement.

CLUBS AND ORGANIZATIONS

Le Cercle Francais, commonly known as the **French Club**, promotes a greater understanding of the French language and culture with activities such as special speakers, movies, French food, and holiday celebrations. Pi Delta Phi is ORU's chapter of the **National French Honor Society**.

Spanish Club seeks to promote the Spanish language and Hispanic culture with activities such as special speakers, movies in Spanish, and holiday celebrations. Sigma Delta Pi is ORU's chapter of the **National Collegiate Hispanic Honor Society**.

Hebrew Culture Club seeks to explore the Hebrew roots of faith in Yeshua (Jesus) with activities such as special speakers, movies, and Jewish holiday celebrations.

Der Deutsche Verein, commonly known as **German Club**, promotes a greater understanding of the German language and culture.

Students majoring and minoring in a foreign language also have **more informal settings to practice a foreign language**. One day per week a table in the cafeteria is set aside for students who speak French or are learning French to sit together and converse. The same is true for Spanish-speaking students to sit together and practice conversing in Spanish. Spanish majors and minors may also choose to attend a local church where services are conducted in Spanish.

The Pentangle is ORU's **English Club** and is open to all students who share an interest in English and writing. The Pentangle hosts events throughout the year, including poetry readings, annual costume parties, and other social events.

ORU has a chapter of Sigma Tau Delta, the **International English Honor Society**. The chapter meets throughout the school year for various activities. Students meeting academic requirements may apply for membership.

First Friday Movie Night is an opportunity to view classic and current movies, followed by discussion, in the home of a faculty member. These events occur on the first Friday of two months in the fall and two months in the spring semesters.

SPECIAL PROGRAMS AND OPPORTUNITIES

Many special opportunities are available for students in the English and Modern Languages Department. Some of these opportunities are designed to provide students with hands-on experience in their field of study, while others allow for academic growth within the classroom.

Study Abroad Program

It is recommended that all foreign language majors participate in a study-abroad program during their junior year. Students should work closely with their academic advisor during their sophomore year to set up a program of studies abroad. Proposals for study abroad must be approved by the International Study Committee prior to going abroad. Credit for study abroad is determined by the individual program. Those students who have declared a major or minor in a foreign language are eligible for consideration for financial aid for the study-abroad program. More information is available in the Non-Traditional Coursework section earlier in this catalog and from the English and Modern Languages Department.

Summer Travel Study

Summer travel study abroad offered by the English and Modern Languages Department affords exciting opportunities to earn academic language credit as well as to gain valuable cultural insights. Credit for the travel-study courses may apply toward language majors and minors, general education foreign language requirements, or electives.

Oxford Summer Programme

The Oxford Summer Programme is a three-week study abroad program in Oxford England. Students participate in a specialized study program that includes lectures and seminars. The academic courses focus on the relationship between Christianity and the development of culture. More information is available in the Non-Traditional Coursework section earlier in this catalog and from the English and Modern Languages Department.

Promethia

Promethia is the annual literary journal of Oral Roberts University. Its publication is entirely overseen by ORU students, with the aid of a faculty advisor. Students, as well as faculty and staff members, may submit essays, black and white photography, short stories, and poems for consideration.

Internships

A chief requirement for writing majors, and an option for writing minors, is to complete a writing internship. Internships may be done on or off campus, and several companies and organizations have standing arrangements with the department to provide internship opportunities for students. Students are free to seek their own internship opportunities, provided they meet department guidelines. Internships are a great opportunity for students to obtain real-world experience, learn outside of the classroom, and apply their knowledge and skills in a professional atmosphere.

Nimrod Workshop

The Nimrod Workshop is a one-day annual event held in October and is open to all English and writing students. At the workshop, published authors provide practical guidance to students to help them improve their creative writing skills. Department scholarships are available to help cover the workshop fee.

AWARDS AND SCHOLARSHIPS

In recognition of scholarship, leadership, and ORU lifestyle commitment, the English and Modern Languages Department annually honors outstanding students by the presentation of the following awards:

Outstanding Senior Awards: One award is given to the outstanding senior in each of the following majors: English literature, French, Spanish, and writing.

Outstanding Senior Paper: This recognizes the department's best senior research project in each of the following areas: English literature, French, Spanish, and writing.

Grady Walker Alumni Scholarship: This \$300-\$500 scholarship, awarded to a junior or senior English literature or writing major, is based on academic achievement, service to others, and financial need. The scholarship is funded by contributions from alumni in honor of Dr. Walker's 40 years of teaching English and German at ORU.

ENGLISH LITERATURE MAJOR (ENG)

Bachelor of Arts

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 and ENG 201 plus two of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5
General Education Total	61

*At least one course must be chosen from courses with asterisks.

Major

ENG 310	World Literature	3
ENG 311	English Literature I	3
ENG 312	English Literature II	3
ENG 323	American Literature I	3
ENG 324	American Literature II	3
ENG 351	Shakespeare	3
ENG 499	Senior Paper/Composition	3
WRT 304	Structure of Modern English	3
WRT 355	History of the English Language	3
<i>Choice of two of the following courses:</i>		6
ENG 352	Major Writers	
ENG 359	English Medieval Period	
ENG 370	American Romantic Period	
ENG 371	American Realists and Naturalists	
ENG 420	English Romantic Period	
ENG 421	English Victorian Period	
ENG 436	Contemporary Literature	
ENG 440	Modern Period	
ENG 450	Literary Criticism	

Major Total	33
Minor	18
Electives*	16
Degree Total	128

*Students may use 12 of these hours to earn concentration.

Concentrations

A concentration may be earned in one of the following areas by completing a minimum of 12 hours in that concentration. Students may use their electives to earn a concentration.

■ Art (ARTC)

An art concentration complements an English literature major by connecting art and literature of an age.

<i>Choice of four courses from the following:</i>		12
ART 101	Fundamentals of Art I	
ART 102	Fundamentals of Art II	
ART 103	Art History Survey I	
ART 104	Art History Survey II	
ART 105	Color	
ART 307	Art History Survey III	
ART 363	Black and White Photography	
Concentration Total		12

■ Biblical Literature (BIBC)

Students who are interested in literary analysis and theory may wish to pursue these as they apply to Biblical literature. A knowledge of the Bible prepares students for Christian ministry in a wide variety of roles, especially as teachers and leaders.

BIB 306	Hermeneutics: Principles of Biblical Interpretation	3
<i>Choice of three courses from the following:</i>		9
BIB 332	Old Testament Historical Books	
BIB 346	Luke-Acts	
BIB 362	Jesus and the Gospels	
BIB 364	The Pauline Epistles	
BIB 372	Johannine Literature	
BIB 376	Hebrews and General Epistles	
BIB 421	Pentateuch	
BIB 424	Hebrew Prophets	
BIB 437	Psalms and Wisdom Literature	
BIB 438	Intertestamental Literature	
Concentration Total		12

■Church History (CHC)

Knowledge of church history and theology gives students of literature a deeper knowledge of the historical contexts that all the arts are grounded in. This concentration helps prepare students for Christian ministry, especially as teachers and leaders.

<i>Choice of four courses from the following:</i>		12
THE 353	History of Christianity in America	
THE 444	Contemporary Theology	
THE 461	History of Christianity I: Early Church	
THE 462	History of Christianity II: Medieval Church	
THE 463	History of Christianity III: Reformation to Present	
Concentration Total		12

■Church Ministries (CMC)

This concentration provides background for active Christian ministry in churches, outreach, and pastoral care.

CHRM 303	Curriculum of Christian Education	3
CHRM 305	Teaching the Bible	3
<i>Choice of two courses from the following:</i>		6
CHRM 300	History and Philosophy of Christian Education	
CHRM 313	Prayer Ministry of the Caregiver	
CHRM 314	Spiritual Formation in Pastoral Care	
CHRM 317	Introduction to Youth Ministry	
CHRM 335	Introduction to Evangelism	
CHRM 337	Biblical Foundations of Evangelism	
CHRM 402	Discipleship and Small Groups	
CHRM 460	Church Administration	
Concentration Total		12

■Community Development (CDC)

Following ORU's vision to "go into every person's world," many graduates seek to serve people and communities both inside and outside the U.S. The concentration in community development helps prepare students for service-oriented work.

<i>Choice of four courses from the following:</i>		12
IS 301	Christian Worldview	
IS 361	Foundations of International/Community Development	
IS 462	Needs Assessment and Program Evaluation	
MISS 325	Introduction to Christian Missions	
MISS 350	Missions and Culture	
GOV 311	International Relations	
GOV 341	Public Administration	
GOV 391	International Political Economy	
GOV 488	Model United Nations Internship	
CHRM 300	History and Philosophy of Christian Education	
CHRM 307	Missions Among the Poor	
CHRM 402	Discipleship and Small Groups	
Concentration Total		12

■Communications (COMC)

A concentration in communications builds on and complements an English literature major, allowing the student to choose branching out into related fields.

<i>Choice of twelve hours from the following courses:</i>		12
WRT 201	Introduction to Writing* (3 hrs.)	
WRT 212	Writing Workshop: Revising (1 hr.)	
WRT 312	Writing Workshop: Copyediting (1 hr.)	
WRT 313	Writing Workshop: Diction (1 hr.)	
WRT 331	Literary Writing (3 hrs.)	
WRT 335	Technical Writing I* (3 hrs.)	
WRT 336	Technical Writing II* (3 hrs.)	

COM 202	Oral Interpretation of Literature (3 hrs.)	
COM 203	Interpersonal Communication (3 hrs.)	
DRAM 205	Fundamentals of Acting (3 hrs.)	
DRAM 215	Introduction to Theatre (3 hrs.)	
COM 300	Organizational Communication (3 hrs.)	
COM 302	Advanced Public Speaking (3 hrs.)	
COM 309	Argumentation and Persuasion (3 hrs.)	
COM 342	Communication Theory (3 hrs.)	
JRN 107	Newsriting I (3 hrs.)	
JRN 205	Writing for the Media* (3 hrs.)	
PRP 213	Workshop: Publications* (3 hrs.)	
JRN 214	Workshop: Newspaper (3 hrs.)	
INT 317	Investigative Reporting (3 hrs.)	
TVF 318	Fundamentals of Scriptwriting (3 hrs.)	
JRN 332	Journalism Seminar** (3 hrs.)	
SED 104	American Sign Language for Educators (3 hrs.)	

Concentration Total 12

*Requires the corresponding writing workshop as a corequisite.

**Requires one or more of the following courses as pre-requisites: MMC 104, 107, and 205.

■English as a Second Language (ESC)

Many students majoring in English go on to teach English in foreign countries. The ESL concentration is designed to help prepare English literature majors for such work abroad.

<i>Choice of four courses from the following:</i>		12
ESL 303	TESL Principles	
ESL 315	Descriptive Linguistics	
ESL 316	Sociolinguistics	
ESL 343	Methods and Materials	
ESL 353	TESL Curriculum Design	
ESL 413	Cross-Cultural Communication	
ESL 433	Literature in the ESL Context	
ENG 470	Teaching English	

Concentration Total 12

■Missions (MSC)

The missions concentration can help the student preparing to teach or be involved in Christian ministry in foreign countries.

MISS 325	Introduction to Christian Missions	3
<i>Choice of three courses from the following:</i>		9
MISS 300	History of Missions	
MISS 333	Theology of Missions	
MISS 350	Missions and Culture	
MISS 404	Church Growth and Planting	
THE 303	Major Religions of the World	

Concentration Total 12

■Prelaw (PLC)

The English literature major is an excellent program for students interested in pursuing a legal career because it fosters communication and critical thinking skills.

<i>Choice of four courses from the following:</i>		12
GOV 450	American Jurisprudence	
GOV 451	American Constitutional Law	
GOV 452	Civil Liberties and Civil Rights	
GOV 453	Criminal Procedures	
BUS 325	Business Law I	
BUS 326	Business Law II	
ENG 451	Seminar	

Concentration Total 12

WRITING MAJOR (WRT)

Bachelor of Arts

Students in the writing major may focus on literary writing (creative writing) or technical (editing and desktop publishing) in their electives and choice of concentration.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 and ENG 201 plus two of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5
General Education Total	61

*At least one course must be chosen from courses with asterisks.

Major

WRT 201	Introduction to Writing	3
WRT 212	Writing Workshop: Revision	1
WRT 304	Structure of Modern English	3
WRT 312	Writing Workshop: Copyediting	1
WRT 313	Writing Workshop: Diction	1
WRT 331	Literary Writing	3
WRT 335	Technical Writing I	3
WRT 336	Technical Writing II	3
WRT 400	Writing Internship	3
PRF 320	Writing Major/Minor Proficiency	0
<i>Choice of one of the following two courses:</i>		3
WRT 410	Desktop Publishing	
WRT 405	Literary Genres	
<i>Choice of two of the following courses:</i>		6
ENG 352	Majors Writers	
ENG 436	Contemporary Literature	
ENG 440	The Modern Period	
ENG 451	Seminar	
WRT 355	History of the English Language	
WRT 400	Writing Internship	
WRT 450	Directed Study	
<i>Choice of one the following courses:</i>		3
ENG 499	Senior Paper/Composition	
WRT 499	Senior Paper/Project	

Major Total	33
Required Concentration	12
Electives*	22
Degree Total	128

*Students may use 12 of these hours to earn a second concentration (12 hrs.) or a minor (18 hrs.). Students completing a writing major need to choose a concentration in English literature or in journalism in addition to the courses in the major. A second concentration may be chosen using elective hours.

■ Journalism (JRC)

Writing majors often work in the world of journalism (e.g., magazines, journals, newspapers). A journalism concentration can help prepare students for this workplace.

JRN 107	Newswriting I (lecture and lab)	4
<i>Choice of eight hours from the following list:</i>		8
JRN 205	Writing for the Media (3 hrs.)	
JRN 305	News Editing (3 hrs.)	
JRN 317	Investigative Reporting (3 hrs.)	
JRN 321	Media Law and Ethics (3 hrs.)	
JRN 444	Feature Writing (3 hrs.)	
PRP 213	Workshop: Publications (1-3 hrs.)	
PRP 214	Workshop: Newspaper (1 hr.)	
PRP 215	Workshop: Newsgathering (1 hr.)	
ART 365	Digital Photography (3 hrs.)	
TVF 408	Broadcast News (3 hrs.)	

Concentration Total 12

■ Literature (LITC)

Choice of four courses from the following: 12

ENG 307	Culture and the Christian Imagination	
ENG 309	Young Adult Literature	
ENG 315	African-American Literature	
ENG 351	Shakespeare	
ENG 352	Major Writers	
ENG 359	English Medieval Period: 650-1500	
ENG 370	American Romantic Period	
ENG 371	American Realists and Naturalists	
ENG 420	English Romantic and Naturalists	
ENG 421	English Victorian Period	
ENG 436	Contemporary Literature	
ENG 440	Modern Period	

Concentration Total 12

Concentrations

A second concentration may be earned in one of the following areas by completing a minimum of 12 hours in that concentration.

■ Art (ARTC)

An art concentration can benefit writing majors who help design brochures, web pages, and other documents involving graphics. It also provides historical background for fictional writing. (Courses for this concentration are listed in the English literature major's concentrations.)

■ Biblical Literature (BIBC)

A knowledge of the Bible prepares students for Christian ministry in a wide variety of roles, especially as teachers and curriculum writers. (Courses for this concentration are listed in the English literature major's concentrations.)

■ Church History (CHC)

Knowledge of church history gives students a deeper knowledge of historical and theological contexts and helps prepare students for Christian ministry. (Courses for this concentration are listed in the English literature major's concentrations.)

■ Church Ministries (CMC)

This concentration provides background for active Christian ministry within churches, in outreach, and in

pastoral care. (Courses for this concentration are listed in the English literature major's concentrations.)

■ Community Development (CDC)

Following ORU's vision to "go into every person's world," many graduates seek to serve people and communities both inside and outside the U.S. The concentration in community development helps prepare students for service-oriented work. (Courses for this concentration are listed in the English literature major's concentrations.)

■ Business (BUSC)

Writing and the business world complement each other as writers work in such fields as publishing and the travel industry. The business concentration helps prepare writing majors with practical knowledge for writing and editing brochures, manuals, and grant proposals in a business environment.

MGT 130	Principles of Management	3
<i>Choice of 3 of the following 3-hour courses:</i>		9
MKT 130	Principles of Marketing	
BUS 201	Principles of Economics I	
ACT 215	Principles of Financial Accounting	
COM 300	Organizational Communication	
MGT 352	Organizational Behavior	

Concentration Total 12

■ English as a Second Language (ESC)

Many students majoring in English go on to teach English in foreign countries. The ESL concentration is designed to help prepare writing majors for such work abroad. (Courses for this concentration are listed in the English literature major's concentrations.)

■ Marketing (MARC)

Writing majors often work for the business world in areas related to marketing; therefore, a marketing concentration can help prepare students for the business workplace.

MKT 130	Principles of Marketing	3
MGT 130	Principles of Management	3
<i>Choice of two of the following courses:</i>		6
MKT 333	Consumer Behavior	
MKT 334	Promotional Management	
ADV 221	Branding and Promotions	
PRP 225	Principles of Public Relations	
ART 363	Black and White Photography	

Concentration Total 12

■ Missions (MSC)

The missions concentration can help students preparing to be involved in Christian ministry in foreign countries. (Courses for this concentration are listed in the English literature major's concentrations.)

■ Prelaw (PLC)

The writing major is an excellent program for students interested in pursuing a legal career because it fosters communication and critical thinking skills. (Courses for this concentration are listed in the English literature major's concentrations.)

■ Science (SCIC)

Students pursuing a writing major can focus on technical writing, which often involves writing in the science fields. A science concentration can help students learn concepts and terminology relevant to the writing career.

*Choice of three of the following course pairs:**

CHE 101	Principles of Chemistry (lecture and lab)	
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CHE 111	General Chemistry I (lecture and lab)	
CHE 112	General Chemistry II (lecture and lab)	
BIO 101	Principles of Biology (lecture and lab)	
BIO 111	Introductory Biology I (lecture and lab)	
BIO 112	Introductory Biology II (lecture and lab)	
PSC 101	Principles of Physical Science (lecture and lab)	
GEO 201	Principles of Earth Science (lecture and lab)	
GEO 350	Environmental Geography (lecture and lab)	
EVR 250	Environmental Science (lecture and lab)	

Concentration Total 12

*Courses for this concentration need to be in addition to the general education science requirements

■ Technology (TECC)

Students pursuing a writing major learn to work with technology, and this concentration allows students to supplement the technology component in the writing major.

Choice of four of the following courses: 12

INT 201	Introduction to Interactive Media	
INT 301	Intermediate Interactive Media	
INT 401	Advanced Interactive Media	
CSC 111	Introduction to Computing	
CSC 112	Microcomputer Applications in Business	
ART 440	Computer Graphics (DTP)	

Concentration Total 12

FRENCH MAJOR (FRE)

Bachelor of Arts

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (lecture and lab)	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5
General Education Total	55

*At least one course must be chosen from courses with asterisks.

Major

FRE 203	Intermediate French I	3
FRE 204	Intermediate French II	3
FRE 301	Phonetics and Conversation	3
FRE 302	French Composition	3
FRE 303	Survey of French Literature I	3
FRE 304	Survey of French Literature II	3

FRE	Electives (300/400 level)	9
FRE 498	Senior Paper Bibliography	1
FRE 499	Senior Paper	2
Major Total		30
Minor		18
Electives		25
Degree Total		128

SPANISH MAJOR (SPA)

Bachelor of Arts

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (lecture and lab)	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5
General Education Total	55

*At least one course must be chosen from list courses with asterisks.

Major

SPA 203	Intermediate Spanish I	3
SPA 204	Intermediate Spanish II	3
SPA 301	Phonetics and Conversation	3
SPA 302	Spanish Composition	3
SPA 314	Survey of Latin American Literature	3
SPA	Electives (300/400 level)	9
SPA 498	Senior Paper Bibliography	1
SPA 499	Senior Paper	2
Choice of one of the following two courses:		3
SPA 303	Survey of Spanish Literature I	
SPA 304	Survey of Spanish Literature II	
Major Total		30
Minor		18
Electives		25
Degree Total		128

ENGLISH EDUCATION MAJOR (ENGE) WITH SECONDARY TEACHING LICENSURE

Bachelor of Art

This major meets the State of Oklahoma's requirements for a teaching license at the secondary level (middle and high school). Students may earn licensure in a second subject/content area. The Oklahoma Commission for Teacher Preparation requires the OSAT/OPTE test(s) be passed in order to obtain a license in an additional subject/content area. Students interested in completing coursework toward additional licensing should consult the subject area advisor.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Foreign Language (2 semesters including 203)	6
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (physical and biological)	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 and ENG 201 plus two of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives)	4.5
General Education Total	60.5

*At least one course must be chosen from list courses with asterisks.

Major

ENG 309	Young Adult Literature	3
ENG 310	World Literature	3
ENG 312	English Literature II	3
ENG 323	American Literature I	3
ENG 324	American Literature II	3
ENG 351	Shakespeare	3
ENG 499	Senior Paper/Composition	3
WRT 304	Structure of Modern English	3
WRT 331	Literary Writing	3
WRT 400	Writing Internship**	3
Choice of three of the following courses:		9
ENG 315	African-American Literature	
ENG 352	Major Writers	
ENG 359	English Medieval Period	
ENG 370	American Romantic Period	
ENG 371	American Realists and Naturalists	
ENG 420	English Romantic Period	
ENG 421	English Victorian Period	
ENG 436	Contemporary Literature	
ENG 440	Modern Period	

WRT 355	History of the English Language
WRT 405	Literary Genres

Major Total 39

**Writing internship needs to be in the ORU Tutoring Center.

Professional Education

PED 100	Education Seminar (every semester)	0
PED 121	Field Based Experience/Practicum (Secondary)	1
PED 203	Foundations and Methods of Education	3
PED 222	School Health Care	1
PED 305	Pedagogy I	4
PED 306	Pedagogy II	4
PED 361	Professional Education Seminar/Portfolio	0
PED 485	Intern/Student Teaching: 7-9	5
PED 495	Intern/Student Teaching 10-12	5
ENG 470	Teaching English	3

Professional Education Total 26

Degree Total 128.5

MODERN FOREIGN LANGUAGE EDUCATION MAJOR (MFLE) WITH K-12 TEACHING LICENSURE

Bachelor of Arts

This major meets the State of Oklahoma's requirements for a teaching license at the elementary and secondary levels (K-12). Students may earn licensure in a second subject/content area. The Oklahoma Commission for Teacher Preparation requires the OSAT/OPTE test(s) be passed in order to obtain a license in an additional subject/content area. Students interested in completing coursework toward additional licensing should consult the subject area advisor.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (physical and biological)	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives)	4.5
General Education Total	54.5

*At least one course must be chosen from list courses with asterisks.

Major

FRE, SPA 203 Intermediate I	3
FRE, SPA 204 Intermediate II	3
FRE, SPA 301 Phonetics and Conversation	3
FRE, SPA 302 Composition	3
FRE, SPA 498 Senior Paper Bibliography	1
FRE, SPA 499 Senior Paper	2
FRE, SPA Electives (upper division)	9
<i>Students take three* of the following courses:</i>	9
FRE, SPA 303 Survey of Literature I	
FRE, SPA 304 Survey of Literature II	
FRE, SPA 315 Civilization and Culture	
SPA 314 Survey of Latin American Literature	
FRE, SPA 450 Internship	

Major Total 33

*French education majors take 303, 304, and 305. Spanish majors take SPA 314 and 315 and then choose from SPA 304 or 305.

Cognate

<i>Choice of two courses* from a second foreign language</i>	
FRE, GER, SPA, HEB	3
FRE, GER, SPA, HEB	3

Cognate Total 6

*If the student takes the 101 or 102 courses for the cognate, the hours beyond the six can apply to electives.

Professional Education

PED 100 Education Seminar (every semester)	0
<i>Choice of one of the two field-based courses:</i>	1
PED 111 Field-Based Experience/Practicum (Elementary)	
PED 121 Field-Based Experience/Practicum (Secondary)	
PED 203 Foundations and Methods of Education	3
PED 222 School Health Care	1
PED 305 Pedagogy I	4
PED 306 Pedagogy II	4
PED 361 Professional Education Seminar/Portfolio	0
PED 475 Student Teaching: Elementary	5
PED 495 Student Teaching: Secondary	5
FRE/SPA/GER 457 Methods for Modern Language Curriculum Instruction	3

Professional Education Total 26

Electives 8.5

Degree Total 128

FRENCH MINOR (FREM)

A French minor requires 19 hours of foreign language coursework and may include 102, 203, and 204, plus three more courses. The 101 course does not apply toward the minor.

HEBREW MINOR (HEBM)

A Hebrew minor requires 19 hours of foreign language coursework and may include 102, 203, and 204, plus three more courses. The 101 course does not apply toward the minor.

SPANISH MINOR (SPAM)

A Spanish minor requires 19 hours of foreign language coursework and may include 102, 203, and 204,

plus three more courses. The 100 and 101 courses do not apply toward the minor.

ENGLISH LITERATURE MINOR (ENGM)

The English minor is designed for students majoring in another discipline who desire a minor in English.	
ENG 201 Introduction to Literature	3
ENG 311 English Literature I	3
ENG 312 English Literature II	3
ENG 323 American Literature I	3
ENG 324 American Literature II	3
ENG Electives	3

Minor Total 18

BUSINESS LANGUAGE MINOR (BSLM)

The business language minor (French, Spanish, or Hebrew) provides the student with skills in the language with particular concentration on business terminology, including export marketing. The minor is directed toward the student who plans on a career in international business or anticipates needing to know another language as it relates to business.

The 306 course is designed also as an elective course for those business majors who already have a good working knowledge of the target language or have completed 204.

Students with previous language experience may participate in the test-out program for majors and minors, thereby accelerating the completion of their minor.

FRE, SPA, HEB 102 Elementary II	5
FRE, SPA, HEB 203 Intermediate I	3
FRE, SPA, HEB 204 Intermediate II	3
FRE, HEB 305, SPA 315 Civilization and Culture	3
FRE, SPA, HEB 306 Business Language	4
FRE, SPA, HEB Elective (upper division)	3

Minor Total 21

WRITING MINOR (WRTM)

This minor is designed for students desiring to sharpen their writing skills or to prepare for careers that involve the written word.

ENG 201 Introduction to Literature	3
WRT 201 Introduction to Writing*	3
WRT 304 Structure of Modern English	3
PRF 320 Writing Major/Minor Proficiency	0
<i>Choice of nine hours from the following courses:</i>	9

WRT 212 Writing Workshop: Revision (1 hr.)	
WRT 312 Writing Workshop: Copyediting (1 hr.)	
WRT 313 Writing Workshop: Diction (1 hr.)	
WRT 331 Literary Writing (3 hrs.)	
WRT 335 Technical Writing I* (3 hrs.)	
WRT 336 Technical Writing II (3 hrs.)	
WRT 355 History of the English Language (3 hrs.)	
WRT 400 Writing Internship (1-3 hrs.)	
WRT 405 Literary Genres (3 hrs.)	
WRT 410 Desktop Publishing (3 hrs.)	

Minor Total 18

*Requires the corresponding writing workshop as a corequisite.

PREPROFESSIONAL ENGLISH MINOR (PPEM)

This minor is designed for students majoring in another discipline but desiring to sharpen their skills in writing and literature.

Choice of four courses from the following: 12

ENG 201 Introduction to Literature	
ENG 310 World Literature	
ENG 311 English Literature I	
ENG 312 English Literature II	
ENG 323 American Literature I	
ENG 324 American Literature II	
ENG 351 Shakespeare	
ENG 352 Major Writers	
ENG 359 English Medieval Period: 650-1500	
ENG 370 American Romantic Period	
ENG 371 American Realists and Naturalists	
ENG 420 English Romantic Period: 1798-1832	
ENG 421 English Victorian Period	
ENG 436 Contemporary Literature	
ENG 440 The Modern Period	
ENG 450 Literary Criticism	
ENG 451 Seminar	
ENG 470 Teaching English	

Choice of six hours from the following courses: 6

WRT 201 Introduction to Writing* (3 hrs.)	
WRT 212 Writing Workshop: Revision (1 hr.)	
WRT 312 Writing Workshop: Copyediting (1 hr.)	
WRT 313 Writing Workshop: Diction (1 hr.)	
WRT 304 Structure of Modern English (3 hrs.)	
WRT 331 Literary Writing (3 hrs.)	
WRT 335 Technical Writing I (3 hrs.)	
WRT 336 Technical Writing II (3 hrs.)	
WRT 355 History of the English Language (3 hrs.)	
WRT 400 Writing Internship (1-3 hrs.)	
WRT 405 Literary Genres (3 hrs.)	
WRT 410 Desktop Publishing (3 hrs.)	

Minor Total 18

*Requires the corresponding writing workshop as a corequisite.

TRANSFERRING TO ORU WITH AN A.A. DEGREE (FROM TULSA COMMUNITY COLLEGE)

An articulation agreement between Tulsa Community College (TCC) and ORU has been developed to assist students having an associate of arts degree in English, French, or Spanish to obtain a bachelor of arts degree in English literature, French, Spanish, or writing at ORU. This agreement allows students from TCC to transfer to ORU and receive the maximum allowable credit towards a bachelor's degree. Additional information is available in the admissions section of this catalog.

Degree Requirements

Students transferring from TCC and pursuing a B.A. degree in English, French, Spanish, or writing at ORU need to take the courses as indicated in the following degree plans. All TCC students interested in one of these majors need to take the following general education courses at TCC.

TCC General Education	34 hrs.
Freshman Composition (ENGL 1113, 1213)	6
Speech Communication (SPCH 1113)	3
US History (HIST 1483 or 1493)	3

Humanities Electives (HUMN)	6
American Government (POLS 1113)	3
Science (2 courses and 1 lab)	7
Mathematics (MATH 1473)	3
Social Sciences (PSYC 1113 or SOCI 1113)	3

B.A. Degree in English Literature

Students seeking an associate's degree in English from TCC and a bachelor's degree in English literature from ORU take courses and earn credit hours in the following areas:

TCC Associate's Degree Total	60 hrs.
•TCC general education (34 hrs.)	
•TCC English program (15 hrs.)	
•TCC electives* (11 hrs.)	

ORU Total	68 hrs.
•ORU general education courses (22 hrs.)	
•ORU English literature major (21 hrs.)	
•A minor area of study (18 hrs.)	
•Electives of the student's choice* (7 hrs.)	

TCC-ORU Bachelor's Degree Total	128 hrs.
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*Students may want to apply these hours toward a 101-level course in a foreign language.

In addition to the general education courses at TCC listed earlier in this section, students wanting to major in English at TCC and English literature at ORU need to take the following courses:

TCC English Total	15 hrs.
Literature (ENGL 2413, 2543, 2653, 2773, 2883)	

TCC Electives	11 hrs.
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ORU General Education	22 hrs.
Whole Person Assessment (GEN 099)	0
English (COMP 303)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Science Lab	1
Foreign Language (2 semesters including 203 level)	6
Health, Physical Education, and Recreation	3
(one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	

ORU Electives	7 hrs.
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ORU English Literature Major Total	21 hrs.
ENG 310 World Literature	3
ENG 351 Shakespeare	3
ENG 499 Senior Paper/Composition	3
WRT 304 Structure of Modern English	3
WRT 355 History of the English Language	3
Choice of two courses from the following:	6
ENG 352 Major Writers (3 hrs.)	
ENG 450 Literary Criticism (3 hrs.)	
ENG English period elective (3 hrs.)	

Minor	18 hrs.
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B.A. Degree in French

Students seeking an associate's degree in French from TCC and a bachelor's degree in French from ORU take courses and earn credit hours in the following areas:

TCC Associate's Degree Total	60 hrs.
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- TCC general education (34 hrs.)
- TCC French program (23 hrs.)
- TCC elective (3 hrs.)

ORU Total	68 hrs.
•ORU general education courses (19 hrs.)	
•ORU French major (24 hrs.)	
•A minor area of study (18 hrs.)	
•Electives of the student's choice (7 hrs.)	

TCC-ORU Bachelor's Degree Total	128 hrs.
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In addition to the general education courses at TCC listed under "Degree Requirements" earlier in this section, students wanting to major in French at TCC and French at ORU need to take the following courses:

TCC French Program	23 hrs.
French (FREN 1103*, 1213*, 1301, 1313, 1401, 1413, 2113, 2213, 2263)	
*May test out of these courses.	

Elective	3 hrs.
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ORU General Education	19 hrs.
Whole Person Assessment (GEN 099)	0
English (COMP 303)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Science Lab	1
Humanities (Choice of HUM 101, 222, 233, 244, 301, 333)	3
Health, Physical Education, and Recreation	3
(one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	

Electives	7 hrs.
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ORU French Major Total	24 hrs.
FRE 302 French Composition	3
FRE 303/304 Survey of French Literature I and II	6
FRE 498 Senior Paper Bibliography	1
FRE 499 Senior Paper	2
FRE Electives (300/400 level)	9
Choice of one of the following two courses:	3
FRE 301 French Phonetics and Conversation	
FRE 305 French Civilization and Culture	

ORU Minor	18 hrs.
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B.A. Degree in Spanish

Students seeking an associate's degree in Spanish from TCC and a bachelor's degree in Spanish from ORU take courses and earn credit hours in the following areas:

TCC Associate's Degree Total	60 hrs.
•TCC General Education (37 hrs.)	
•TCC Spanish Program (23 hrs.)	
•TCC elective (3 hrs.)	

ORU Total	68 hrs.
•ORU general education courses (19 hrs.)	
•ORU Spanish major (24 hrs.)	
•A minor area of study (18 hrs.)	
•Electives of the student's choice (7 hrs.)	

TCC-ORU Bachelor's Degree Total	128 hrs.
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TCC Spanish Program	23 hrs.
Spanish (SPAN 1103*, 1213*, 1301, 1313, 1401, 1413, 2113, 2213, 2263)	
*May test out of these courses.	

ORU General Education	19 hrs.
Whole Person Assessment (GEN 099)	0
English (COMP 303)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Science Lab	1
Humanities (Choice of HUM 101, 222, 233, 244, 301, 333)	3
Health, Physical Education, and Recreation	3
(one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	

Electives	7 hrs.
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ORU Spanish Major Total	24 hrs.
SPA 301 Spanish Phonetics and Conversation	3
SPA 302 Spanish Composition	3
SPA 314 Survey of Latin American Literature	3
SPA 498 Senior Paper Bibliography	1
SPA 499 Senior Paper	2
SPA Electives (300/400 level)	9
Choice of one of the following two courses:	3
SPA 303 Survey of Spanish Literature I	
SPA 304 Survey of Spanish Literature II	
ORU Minor	18 hrs.

B.A. Degree in Writing

Students seeking an associate's degree in English from TCC can earn a bachelor's degree in writing and a minor in English literature from ORU by taking courses and earning credit hours in the following areas:

TCC Associate's Degree Total	60
•TCC General Education (34 hrs.)	
•TCC English Program (26 hrs.)	

ORU Total	68
•ORU general education courses (22 hrs.)	
•ORU writing major (24 hrs.)	
•Concentration in journalism (12 hrs.)	
•Completion of a minor in English literature (3 hrs.)	
•An elective of the student's choice* (7 hrs.)	

TCC-ORU B.A. Degree Total	128
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*Students may want to apply these hours toward a 101-level course in a foreign language.

TCC English Program	26 hrs.
Literature (ENGL 2413, 2543, 2653, 2773, 2883)	
Creative Writing (ENGL 2453, 2493)	
Creative Writing Elective (ENGL 2443 or 2473)	

ORU General Education	22 hrs.
Whole Person Assessment (GEN 099)	0
English (COMP 303)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Science Lab	1
Foreign Language (2 semesters including 203 level)	6
Health, Physical Education, and Recreation	3
(one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	

Electives	7 hrs.
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ORU Writing Major and Concentration	24 hrs.
WRT 201 Introduction to Writing	3
WRT 212, 312, 313 Writing Workshops	3
WRT 304 Structure of Modern English	3

WRT 335/336	Technical Writing I and II	6
WRT 400	Writing Internship	3
WRT/ENG	Elective (300 or 400 level)	3
<i>Choice of one of the following courses:</i>		
ENG 499	Senior Paper/Composition	3
WRT 499	Senior Paper/Project*	3

*Department approval is needed.

ORU Journalism Concentration		12 hrs.
JRN 107	Newswriting I	3
JRN 108	Newswriting I (including lab)	1
JRN	Journalism Electives	8

English Literature Minor	3 hrs.
ENG Elective (300 or 400 level)	

Departmental Courses

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

Composition (General Education)

COMP 101	College Reading and Writing
COMP 102	Reading and Writing in the Liberal Arts
COMP 303	Critical Reading and Writing

English

ENG 201	Introduction to Literature
ENG 307	Culture and the Christian Imagination
ENG 309	Young Adult Literature
ENG 310	World Literature
ENG 311	English Literature I
ENG 312	English Literature II
ENG 315	African-American Literature
ENG 323	American Literature I
ENG 324	American Literature II
ENG 351	Shakespeare
ENG 352	Major Writers
ENG 359	English Medieval Period: 650-1500
ENG 370	American Romantic Period
ENG 371	American Realists and Naturalists
ENG 420	English Romantic Period: 1798-1832
ENG 421	English Victorian Period
ENG 436	Contemporary Literature
ENG 440	The Modern Period
ENG 450	Literary Criticism
ENG 451	Seminar
ENG 470	Teaching English
ENG 499	Senior Paper/Composition
ENG 999	Elective

French

FRE 101	Elementary French I
FRE 102	Elementary French II
FRE 203	Intermediate French I
FRE 204	Intermediate French II
FRE 219	Travel Study
FRE 301	French Phonetics and Conversation
FRE 302	French Composition
FRE 303	Survey of French Literature I
FRE 304	Survey of French Literature II
FRE 305	French Civilization and Culture
FRE 306	Business French
FRE 407	Age of the Philosophers
FRE 408	French Romanticism (1790-1850)
FRE 450	Internship
FRE 451	Special Readings

FRE 457	Methods for Modern Language Curriculum Instruction
FRE 498	Senior Paper Bibliography
FRE 499	Senior Paper
FRE 999	Elective

German

GER 101	Elementary German I
GER 102	Elementary German II
GER 203	Intermediate German I
GER 204	Intermediate German II
GER 219	Travel Study
GER 301	German Phonetics and Conversation
GER 302	German Composition
GER 303	Survey of German Literature I
GER 304	Survey of German Literature II
GER 305	German Civilization and Culture
GER 306	Business German
GER 403	The Age of Goethe
GER 404	Novelle
GER 407	Lyric Poetry
GER 409	German Novel
GER 450	Internship
GER 451	Special Readings
GER 457	Methods for Modern Language Curriculum Instruction
GER 498	Senior Paper Bibliography
GER 499	Senior Paper
GER 999	Elective

Hebrew

HEB 101	Elementary Hebrew I
HEB 102	Elementary Hebrew II
HEB 203	Intermediate Hebrew I
HEB 204	Intermediate Hebrew II
HEB 301	Hebrew Conversation/Grammar
HEB 302	Hebrew Composition
HEB 305	Hebrew Civilization and Culture
HEB 306	Business Hebrew
HEB 451	Special Readings
HEB 999	Elective

Reading

READ 099	Preparation for College Reading
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Spanish

SPA 100	Introduction to Spanish
SPA 101	Elementary Spanish I
6PA 102	Elementary Spanish II
SPA 203	Intermediate Spanish I
SPA 204	Intermediate Spanish II
SPA 219	Travel Study
SPA 301	Spanish Phonetics and Conversation
SPA 302	Spanish Composition
SPA 303	Survey of Spanish Literature I
SPA 304	Survey of Spanish Literature II
SPA 306	Business Spanish
SPA 314	Survey of Latin American Literature
SPA 315	Latin American Civilization and Culture
SPA 404	Golden Age Prose
SPA 405	Nineteenth Century Spanish Literature
SPA 406	Twentieth Century Spanish Literature
SPA 415	Latin American Novel
SPA 416	Latin American Short Story
SPA 450	Internship
SPA 451	Special Readings
SPA 457	Methods for Modern Language Curriculum Instruction
SPA 498	Senior Paper Bibliography
SPA 499	Senior Paper
SPA 999	Elective

Writing

WRT 112	Reading and Writing Laboratory
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WRT 201	Introduction to Writing
WRT 212	Writing Workshop: Revising
WRT 300	Workshop for Peer Tutors
WRT 304	Structure of Modern English
WRT 312	Writing Workshop: Copyediting
WRT 313	Writing Workshop: Diction
WRT 331	Literary Writing
WRT 335	Technical Writing I
WRT 336	Technical Writing II
WRT 355	History of the English Language
WRT 400	Writing Internship
WRT 405	Literary Genres
WRT 410	Desktop Publishing
WRT 430	Grant Writing
WRT 450	Directed Study
WRT 499	Senior Paper/Project
WRT 999	Elective

Proficiencies

PRF 001	Foreign Language Proficiency
PRF 050	French Proficiency
PRF 052	Hebrew Proficiency
PRF 054	German Proficiency
PRF 320	Major/Minor Writing Proficiency

HISTORY, HUMANITIES, AND GOVERNMENT DEPARTMENT

Michael Hirlinger, Ph.D., *Chair*

MISSION STATEMENT: History, humanities, and government are vital for enabling students to understand who they are in our modern context. For students to understand who they are, they have to begin to understand and value the past. The History, Humanities, and Government Department's work is to give them a foundation contributing to and making an impact on their world. This is done through academics and mentoring—the faculty teach students, not just subjects. To accomplish this end, the faculty members cultivate their own horizons into a collegial teaching ministry, led by the Spirit, founded on Judeo-Christian traditions, and presented in a Charismatic/Christian worldview.

Overview

Civilization is founded on history, for a civilized human being is one who holds values that are irrelevant without perspective. History provides both record and interpretation without which perspective is impossible. Perspective provides insight into why present institutions and society are what they are. Analysis of the whys of the past suggests actions that may be expected to produce positive changes in contemporary institutions and society.

Majors and minors offered through this department are excellent preparation for students planning to implement the founding purpose of Oral Roberts University—to go into every person's world, as well as to practice professions such as law, government, business, journalism, teaching, or any field requiring knowledge of an ability to evaluate national and world events.

Departmental offerings include courses on Western hemisphere, Europe, Africa, the Middle East, and the Orient, with specialties and/or introductory studies

The programs offered through this department can help prepare students for careers such as the following:

- U.S. or state senator
- Legal and litigation researcher
- Campaign manager
- Historical archeologist or anthropologist
- Public historian
- College or university professor
- News analyst
- Nonprofit organization officer
- Humanitarian organization officer
- City manager
- Missions or community work
- Civil servant
- Press secretary
- Lawyer

GENERAL EDUCATION COURSES

The ORU required general education core curriculum is the foundation on which each ORU student may build a charismatic Christian worldview and image of mankind in harmony with the distinctive founding purpose of the university. All ORU students pursuing a bachelor's degree at ORU are required to complete at least general education courses in the History, Humanities, and Government Department: HIS 101, GOV 101, HUM 101, and at least one humanity elective. Some departments in the university specify which humanities courses their students need to take to fulfill the humanities requirements. Students can also participate in travel studies to earn credit for humanities courses.

DEGREE PROGRAMS

The History, Humanities, and Government Department offers six majors: (1) history, (2) government, (3) international relations, (4) international community development, (5) social studies education, and (6) leadership studies. The department also offers the following minors: history, humanities, government, and international relations.

History (B.A.)

The ORU history major may select from five areas that provide an integrated, focused-area degree, selected to prepare for service in "every person's world." For success in today's professions, the ORU graduate requires historical-cultural understanding to best minister healing for the totality of human needs. This department can provide that understanding.

Any ORU professional, vocational, or liberal arts major should strongly consider a history minor or at least specific related area studies that support historical-cultural understanding of the chosen life's work. The ORU charismatic faculty provides professional training with this added dimension.

Government (B.A.)

Government examines power and authority relations in human communities including their foundations, their institutional organization, and how they are used to make public policy. Government is the study of how people govern and are governed—and with what results—in cities, states, and nations.

A government major at ORU helps prepare students for careers in several fields by emphasizing breadth of knowledge about national and world affairs, especially analyzing them in the light of Judeo-Christian values and principles, analytical reading and

advanced writing skills, and ability to use a variety of research skills. When combined with an appropriate graduate degree (J.D., Ph.D., M.P.A., etc.), study of government is an excellent preparation for law, business, journalism, Christian ministries and missions, and other fields. Since political decision-making touches all aspects of life, its study opens new perspectives for all Christian citizens and professionals.

International Relations (B.A.)

The international relations major is designed for students interested in learning about and/or pursuing a career in diplomacy and regionalized or international politics. The major also includes studies in economics, theology, and linguistics and requires a minor in one of the modern languages offered (French, Spanish, German, Hebrew). A student majoring in international relations will be adequately prepared for the diversity in the modern global arena through a strong foundation of Judeo-Christian principles as they apply to international studies.

International/Community Development (B.A.)

International/Community Development is an interdisciplinary degree program in practical missions, preparing graduates to address not only spiritual but also educational, economic, medical, and physical needs. A major in ICD is preparation to work in a helping capacity—through churches, ministries, mission agencies, nonprofit organizations, relief organizations, international schools, government agencies, and a variety of other endeavors in the USA and abroad. The basic skills taught in ICD—needs assessment, problem solving, training, and leadership—are valuable in any field. However, this major does not lead to a teaching license, nor is it a teacher certification area.

Social Studies Education (B.A.)

Students seeking licensure to teach at the secondary levels have two options: (1) completion of the social studies education major, which leads to standard certification or (2) completion of a government or history major, which can lead to alternative certification. As alternative certification is intended for those seeking career changes, requirements vary widely from state to state, and laws governing these programs can change frequently. Therefore, students interested in pursuing alternative certification need to meet with the ORU College of Education's certification officer to ensure they are well informed prior to choosing this option. Students interested in a teaching license should work closely with the advisor in the major department.

The social studies education major cuts across subject fields, thus allowing the graduate to teach middle and secondary school classes in civics, democracy, economics, government, United States history, world history, Oklahoma history, and sociology.

Leadership Studies (B.A.)

The leadership studies major is designed to emphasize inquiry, understanding, skill development, practice, and reflection. Students in this major pursue a rigorous program of study in leadership theory, organizational communication, public and private sector leadership, church leadership, conflict resolution, ethics, and administrative theory.

Prelaw

Although ORU does not have a prelaw major, students interested in law usually choose an appropriate major—almost always history or government—and add

the prelaw concentration. However, other majors such as English, sociology, business, or languages are also good choices for prelaw students to select in order to develop conceptual, analytical, reading comprehension, writing, and research skills so essential to law study.

A faculty member in the History, Humanities, Government Department serves as the university-wide prelaw advisor for every prelaw student, no matter what major is selected. The prelaw advisor is responsible for planning the prelaw course of study, which is individually tailored to meet each student's specific career goals. The prelaw advisor has information about a wide variety of law schools in all parts of the country, and the prelaw advisor meets regularly with each prelaw student to discuss the student's academic progress. Students interested in prelaw should contact the department to be assigned to the prelaw advisor.

CLUBS AND ORGANIZATIONS

Various government-oriented clubs and organizations are available for students interested in their fields.

The **College Republicans**, **College Democrats**, and **College Libertarians** are three clubs that provide opportunities for discussions, special speakers, and volunteering with political parties the students are interested in.

The **International Relations** is a club that discusses major issues dealing with American foreign policy. Great activities are held such as guest speakers and movies.

The **Oklahoma Scholar Leadership Enrichment Program** (OSLEP) holds academic seminars in Oklahoma City throughout the academic year.

The **History Honors Society** (Phi Alpha Theta) is for history and social studies education majors with honors standing.

SPECIAL ACTIVITIES AND OPPORTUNITIES

Oklahoma Intercollegiate Legislature (O.I.L.) is a mock legislature assembly held each fall and spring in Oklahoma City. Students can receive up to 2 credits per semester for participating, not to exceed 4 hours credit in total.

Model United Nations (M.U.N.) is a mock United Nations assembly held each spring semester in St. Louis or Chicago. Model United Nations (M.U.N.) is a conference held in the fall semester of each academic year. ORU sends a delegation to the conference to represent a different nation each year, such as Israel 2005, Syria and Denmark 2006, Panama and Kenya 2007, and Congo and the Czech Republic 2008. Although competition is keen, each student majoring in international relations is encouraged to participate and thereby receive credit for GOV 488 while gaining valuable hands-on experience.

Travel Studies—There are several opportunities for students to travel abroad, and students may earn credit through directed studies which emphasize their international travel. Each course requires specific papers, powerpoints, presentations, individual research, journals, readings, and reports as directed by the professor in charge. For further information contact the professor of the particular destination. Credit is available for Humanities, History, and Government as appropriate.

Awards

In recognition of scholarship, leadership, and ORU lifestyle commitment, the History, Humanities, Government Department offers the following awards and scholarships.

Outstanding Senior Award

The History, Humanities, Government Department annually honors a graduating senior in each of the following majors: government, history, and social studies education. The department also recognizes the outstanding overall student and outstanding graduating senior minoring in humanities.

Outstanding Senior Paper

This recognizes the department's best senior research project in history and in government.

HISTORY MAJOR (HIS)

Bachelor of Arts

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203) (French or German preferred for European history major; French or Spanish for American history)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics ((MAT 151)	3
American History (HIS 101)	3
Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270)	12
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5
General Education Total	61

*At least one course must be chosen from courses with asterisks.

Major

HIS 201	Historiography:	3
HIS 351	Evangelical and Charismatic Christianity	3
HIS 491	History Internship	3
HIS	Area Studies*	27
HIS 499	Senior Paper/Project	3

Major Total 39

*Students choose three of five areas (U.S., Europe, Latin America, Middle East, Asia) and take a minimum of 9 hours in each of the three areas chosen.

Minor

Students choose a minor after consulting with an advisor. Appropriate examples include government, humanities, business, English, or a foreign language. Some students may use elective hours to complete a second minor.

Minor Total 18

Electives	10
Degree Total	128

GOVERNMENT MAJOR (GOV)

Bachelor of Arts

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270)	12
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5
General Education Total	61

*At least one course must be chosen from list courses with asterisks.

Major

GOV 201	Introduction to Political Science	3
GOV 331	Western Political Theory	3
GOV 335	Christian Faith and Government: Theory	3
GOV 336	Christian Faith and Government: Practicum	3
GOV 499	Senior Paper/Project	3
Choice of one of the following two courses:		3
GOV 205	Political Science Research (3 hrs.)	
GOV 461	Public Policy Analysis (3 hrs.)	
GOV*	Government electives or concentration	12

Major Total 30

Minor Total 18

Electives 19

Degree Total 128

*Maximum six hours from GOV 479, 487, 488, and 489 combined.

Concentrations

A concentration may be earned in one of the three following areas by completing a minimum of 12 hours in that concentration.

■ Practical Politics Concentration (PPC)

Choice of twelve hours from the following:		12
GOV 321	Legislative Process (3 hrs.)	
GOV 322	Political Parties and Elections (3 hrs.)	
GOV 323	American Political Leadership (3 hrs.)	
GOV 341	Public Administration (3 hrs.)	
GOV 479	Readings in Government (3 hrs.)	
GOV 489	American Studies Internship (1-3 hrs.)	
HIS 451	Department Seminar: American (3 hrs.)	

Concentration Total 12

■ International Relations Concentration (IRC)

Choice of twelve hours from the following:		12
GOV 305	Comparative Government (3 hrs.)	
GOV 311	International Relations (3 hrs.)	
GOV 370	Area Studies (3 hrs.)	
GOV 381	American Foreign Policy (3 hrs.)	
GOV 391	International Political Economy (3 hrs.)	
GOV 479	Readings in Government (3 hrs.)	
GOV 487	International Legislature Internship (1-3 hrs.)	
GOV 488	Model United Nations Internship (1-3 hrs.)	
HIS	Department Seminar (3 hrs.)	

Concentration Total 12

■ Prelaw Studies Concentration (LAWC)

Choice of four of the following courses:		12
GOV 450	American Jurisprudence (3 hrs.)	
GOV 451	American Constitutional Law (3 hrs.)	
GOV 452	Civil Liberties and Civil Rights (3 hrs.)	
GOV 453	Criminal Procedures (3 hrs.)	
BUS 325	Business Law I (3 hrs.)	
BUS 326	Business Law II (3 hrs.)	

Concentration Total 12

Degree Total 128

INTERNATIONAL RELATIONS MAJOR (INR)

Bachelor of Arts

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270)	12
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5
General Education Total	61

*At least one course must be chosen from list courses with asterisks.

Major

GOV 201	Introduction to Political Science	3
GOV 305	Comparative Government	3
GOV 311	International Relations	3
GOV 331	Western Political Theory	3
GOV 335	Christian Faith and Government: Theory	3
GOV 391	International Political Economy	3
GOV 499	Senior Paper/Project	3

<i>Choice of one of the following two courses:</i>		3
GOV 205	Political Science Research (3 hrs.)	
GOV 461	Public Policy Analysis (3 hrs.)	
<i>Choice of two courses from the following:</i>		6
HIS 361	Colonial Latin America	
HIS 362	Survey of Latin America	
HIS 371	Islamic Middle East	
HIS 372	Ancient Near East	
HIS 381	Modern China and Japan	
HIS 382	History of India and Southeast Asia	
HIS 473	Rise of Modern Israel	
GOV 370	Area Studies	
GOV 381	American Foreign Policy	
GOV 391	International Political Economy	
GOV 479	Readings in Government	
GOV 488	Model United Nations Internship	
Major Total		30
Cognate		
THE 303	Major Religions of the World	3
SOC 308	Cultural Anthropology	3
ESL 413	Cross Cultural Communications	3
Cognate Total		9
Foreign Language Minor* Total		19
Electives		9
Degree Total		128

*Requirements for a foreign language minor are listed in the Modern Foreign Languages section of this catalog. Students with previous language experience may participate in the test-out program for majors and minors, thereby accelerating the completion of their minor. The English and Modern Languages Department has more information.

INTERNATIONAL COMMUNITY DEVELOPMENT MAJOR (ICD)

Bachelor of Arts

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110,120)	6
Theology (THE 103)	3
Social Sciences (BUS 201)	3
Laboratory Science (EVR 250 plus one other laboratory science)	8
Mathematics (MAT 232 or 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270)	12
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5
General Education Total	61

*At least one course must be chosen from list courses with asterisks.

Major		
GOV 391	International Political Economy	3
BUS 202	Principles of Economics II	3
IS 301	Christian Worldview	3
IS 350	Internship in International Studies	3
IS 361	Foundations of ICD	3
IS 462	Needs Assessment	3
IS 499	Senior Seminar and Paper	3
<i>Choice of one of the two following courses:</i>		3
GOV 205	Political Science Research Methods	
GOV 461	Public Policy Analysis	
<i>Choice of six hours from the following courses:</i>		6
IS 370	Problems in ICD (3 hrs.)	
IS 391	Seminar in ICD (3 hrs.)	
MISS 325	Introduction to Christian Missions (3 hrs.)	
ESL 413	Cross-Cultural Communication (3 hrs.)	
MGT 465	Administration of Nonprofit Organizations (3 hrs.)	
WRT 430	Grant Writing (3 hrs.)	
GOV 305	Comparative Government (3 hrs.)	
GOV 311	International Relations (3 hrs.)	
GOV 335	Christian Faith/Government: Theory (3 hrs.)	
GOV 370	Area Studies (3 hrs.)	
GOV 381	American Foreign Policy (3 hrs.)	
GOV 479	Readings in Government (1-3 hrs.)	
GOV 488	Model United Nations Internship (1-3 hrs.)	
Major Total		30
Minor		18
Electives		19
Degree Total		128

SOCIAL STUDIES EDUCATION MAJOR (SOSE) WITH SECONDARY SCHOOL TEACHING LICENSURE

Bachelor of Arts

Students in this major should keep in close contact with the Social Studies Education faculty advisor to learn of any recent changes in state teaching certification requirements.

Students may earn licensure in a second subject/content area. The Oklahoma Commission for Teacher Preparation requires the OSAT/OPTe test(s) be passed in order to obtain a license in an additional subject/content area. Students interested in completing coursework toward additional licensing should consult the subject area advisor.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (1 biological and 1 physical)	8
Mathematics (MAT 151)	3
Social Sciences (SOC 323)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270)	12
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives)	4.5
General Education Total	54.5

*At least one course must be chosen from list courses with asterisks.

Major		
HIS 101	American History	3
HIS 201	Historiography	3
HIS 310	Oklahoma History	3
HIS 323	The Middle Ages and the Reformation, 476-1650	3
HIS 324	Modern Europe, 1815 to Present	3
HIS 499	Senior Paper	3
GEO 307	Cultural Geography	3
GOV 101	American Government and Politics	3
GOV 331	Western Political Theory	3
BUS 201	Principles of Economics I	3
PSY 201	Introduction to Psychology	3
IS 301	Christian Worldview	3
<i>Choice of three courses from the following:</i>		9
HIS 340	Colonial America to Early National, 1607 to 1830	
HIS 343	Civil War and Reconstruction U.S., 1830-1877	
HIS 344	Early Modern United States: World War I-Gilded Age to World War I	
HIS 345	U.S. Since 1929	
<i>Choice of one course from the following:</i>		3
HIS 361	Colonial Latin America	
HIS 381	Modern China and Japan	
HIS 425	Eastern European History	
HIS 473	The Rise of Modern Israel	
Major Total		48

Professional Education

PED 100	Education Seminar (every semester)	0
PED 121	Field Base Experience/Practicum (Secondary)	1
PED 203	Foundations and Methods of Education	3
PED 222	School Health Care	1
PED 305	Pedagogy I	4
PED 306	Pedagogy II	4
PED 361	Professional Education Seminar/Portfolio	0
PED 485	Student Teaching: 7-9	5
PED 495	Student Teaching: 10-12	5
HIS 477	Secondary Methods: Social Studies	3
Professional Education Total		26
Degree Total		128.5

LEADERSHIP STUDIES MAJOR (LEAD/LDRS)

Bachelor of Arts

Students interested in this major may take the coursework on campus (LEAD) or opt to follow the degree completion option (LDRS). Both paths have general education courses (61 hours for residential LEAD students and 60 hours for degree completion LDRS students); a major consisting of two areas of specialization (63 hours total); and electives (4 hours for LEAD students and 5 for LDRS students). Students choosing either option should consult with an advisor from the History, Humanities, and Government Department.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6

Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 151 or 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270)	12
Behavioral Science (BUS 201)	3
Health, Physical Education, and Recreation** (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5

General Education Total 61

*At least one course must be chosen from list courses with asterisks.

**Students in the degree completion program take 4 hours of HPE (HPE 001, 002, 101, and 102) to meet general education requirements and thus need to take one additional elective to meet the 128 hours required for the degree.

Major

<i>Area #1 Leadership Studies</i>	
IS 301	Christian Worldview 3
IS 462	Needs Assessment and Program Evaluation 3
GOV 341	Public Administration 3
GOV 461	Public Policy Analysis 3
COM 300	Organizational Communication 3
COM 412	Training and Development 3
BUS 372	Business Ethics 3
MKT 130	Principles of Marketing 3
MGT 130	Principles of Management 3
WRT 430	Grant Writing 3
CHRM 302	Christian Leadership 3
LEAD 399	Leadership Studies Practicum 3
LEAD 499	Senior Paper in Leadership Studies 3

Area #1 Total 39
Area #2* Total** 24

Major Total 63
Electives (on campus) 4
Electives (degree completion) 5

Degree Total 128

***Residential students need approval from the department chair for Area #2. Students in the degree completion program take the following courses for Area #2:

COM 410	Discussion and Conference Leadership	3
COM 446	Business/Professional Speech	3
HUM 350	Protocol and Etiquette	3
MGMT 461	Conflict Resolution	3
BIO 456	Bioethics	2
<i>Choice of ten hours from the following courses:</i>		10
LEAD 399	Leadership Practicum (3-6 hrs.)	
—	Electives	

Area #2 Total 24

GOVERNMENT MINOR (GOVM)

GOV 201	Introduction to Political Science	3
GOV 331	Western Political Theory	3
GOV 335	Christian Faith and Government: Theory	3
<i>Choice of one of the following two courses:</i>		3
GOV 305	Comparative Government	
GOV 381	American Foreign Policy	
GOV	Electives (Maximum of 6 hours chosen from internships, special government courses, or from any one of the three areas of concentration)	6

Minor Total 18

HISTORY MINOR (HISM)

The minor in history is 18 hours of upper-division history courses.

INTERNATIONAL RELATIONS MINOR (INRM)

GOV 201	Introduction to Political Science	3
GOV 311	International Relations	3
HIS	Elective from Europe or Middle East regions	3
HIS	Elective from Asia or Latin American regions	3
<i>Choice of two from the following:</i>		6
GOV 305	Comparative Government	
GOV 370	Area Studies	
GOV 381	American Foreign Policy	
GOV 391	International Political Economy	
GOV 479	Readings in Government	
GOV 488	Model United Nations Internship	

Minor Total 18

HUMANITIES MINOR (HUMM)

Humanities at ORU emphasizes a way of seeing and a method of studying human cultural expressions and activities. We believe that the worldview and resultant image of man that are widespread in a given time and place are the dominant forces that shape political theory and institutions, social and economic activities and patterns, and other cultural forms. In turn, these institutions, patterns, forms, and ideas modify the worldview in dynamic ways.

The humanities minor can help students grasp the interrelations in a culture among assumptions, ideas, and actions. Such a way of seeing can help parents, lawyers, teachers, pastors, businessmen, doctors, and missionaries understand the multiple forces that are shaping their own lives, the lives of their children, and the people whom they serve. The humanities minor can enrich the life and service of any person.

HUM 101	Humanitas: Introduction to Humanities	3
HUM 222	Ancient and Medieval Humanities	3
HUM 233	Renaissance and Enlightenment Humanities	3
HUM 244	Romantic and Modern Humanities	3

<i>Choice of two of the following courses:</i>		6
HUM 250	Art History I	
HUM 255	Art History II	
HUM 260	Music Appreciation	
HUM 270	Introduction to Theatre	
HUM 300	Cultural Periods	
HUM 301	Christian Worldview and Culture	
HUM 333	Humanities Travel Studies	
HUM 350	Area Studies	
HUM 400	Major Figures	
HUM 450	Thematic Readings	
HUM 490	Integrative Seminar	

Minor Total 18

Note: Appropriate courses from associated departments are made available by crosslisting. The humanities advisor may be consulted about other options. One or, in special cases, two related courses from cognate subjects may be counted within the requirements for the humanities minor when approved by the humanities advisor.

ISRAEL AND MIDDLE EAST STUDIES MINOR (ISRM)

HIS 371	Islamic Middle East	3
HIS 472	Twentieth Century Middle East	3
HIS 473	The Rise of Modern Israel	3
BIB 455	Intensive Studies: Jewish Roots of Christianity	3
HEB 305	Hebrew Culture and Civilization	3
<i>Choice of one of the following courses:</i>		3
BIB 302	Historical Geography of the Holy Land (3 hrs.)	
BIB 455	Intensive Studies: Introduction to Jewish Literature (3 hrs.)	
BIB 455	Intensive Studies: Second Temple Period Archaeology from 1968 to Present (3 hrs.)	
HIS 372	Ancient Near East (3 hrs.)	
HIS 452	Department Seminar: Europe (3 hrs.)	
HIS 453	Department Seminar: Middle East (3 hrs.)	
HIS 479	Readings in History (3 hrs.)	
HEB 306	Business Hebrew* (4 hrs.)	
HONR 301	Faith and Civilization in Context** (3 hrs.)	

Minor Total 18

*HEB 204 is a prerequisite.

**For honors students only.

Departmental Courses

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

Government

GOV 101	American Government and Politics
GOV 201	Introduction to Political Science
GOV 205	Political Science Research Methods
GOV 305	Comparative Government
GOV 311	International Relations
GOV 321	Legislative Process
GOV 322	Political Parties and Elections
GOV 323	American Political Leadership
GOV 331	Western Political Theory

GOV 335	Christian Faith and Government: Theory
GOV 336	Christian Faith and Government: Practicum
GOV 341	Public Administration
GOV 370	Area Studies
GOV 381	American Foreign Policy
GOV 391	International Political Economy
GOV 450	American Jurisprudence
GOV 451	American Constitutional Law
GOV 452	Civil Liberties and Civil Rights
GOV 453	Criminal Procedure
GOV 454	Judicial Policy and Process
GOV 461	Public Policy Analysis
GOV 479	Readings in Government
GOV 487	Oklahoma Intercollegiate Legislature Internship
GOV 488	Model United Nations Internship
GOV 489	American Studies Internship
GOV 499	Senior Paper/Project
GOV 999	Elective

History

HIS 101	American History Survey
HIS 201	Historiography
HIS 310	Oklahoma History
HIS 323	The Middle Ages and the Reformation, 476-1650
HIS 324	Modern Europe, 1815 to Present
HIS 340	Colonial America to Early National, 1607 to 1830
HIS 343	Civil War and Reconstruction U.S., 1830-1877
HIS 344	Early Modern United States, 1877-1929: Gilded Age to World War I
HIS 345	United States Since 1929
HIS 345	Intellectual History
HIS 351	Evangelical and Charismatic Christianity in America
HIS 361	Colonial Latin America
HIS 362	Survey of Latin America
HIS 371	Islamic Middle East
HIS 372	Ancient Near East
HIS 381	Modern China and Japan
HIS 382	History of India and Southeast Asia
HIS 425	Eastern European History
HIS 464	The Caribbean, Mexico, and Central America
HIS 472	Twentieth Century Middle East
HIS 473	The Rise of Modern Israel
HIS 477	Secondary Methods: Social Studies
HIS 479	Readings in History
HIS 483	Contemporary Asia, 1945 to Present
HIS 490	Department Seminar
HIS 491	History Internship
HIS 499	Senior Paper/Project
HIS 999	Elective

Humanities

HUM 101	Humanitas: Introduction to Humanities
HUM 111	Introduction to Humanities I
HUM 112	Introduction to Humanities II
HUM 213	Modern Humanities I
HUM 214	Modern Humanities II
HUM 222	Ancient and Medieval Humanities
HUM 233	Renaissance and Enlightenment Humanities
HUM 244	Romantic and Modern Humanities
HUM 250	Art History I
HUM 255	Art History II
HUM 260	Music Appreciation
HUM 270	Introduction to Theatre
HUM 300	Cultural Periods
HUM 301	Christian Worldview and Culture
HUM 333	Humanities Travel Studies

HUM 350	Area Studies
HUM 400	Major Figures
HUM 450	Thematic Readings
HUM 490	Integrative Seminar
HUM 999	Elective
International Studies	
IS 301	Christian Worldview
IS 350	Internship in International Studies
IS 361	Foundations of International/Community Development
IS 370	Problems in International/Community Development
IS 391	Seminar in International/Community Development
IS 462	Needs Assessment and Program Evaluation
IS 499	Senior Seminar and Paper
IS 999	Elective

Leadership Studies

LEAD 399	Leadership Studies Practicum
LEAD 499	Senior Paper in Leadership Studies
LEAD 999	Elective

MUSIC DEPARTMENT

J. Randall Guthrie, D.M.A., *Chair*

MISSION STATEMENT: Within a Christian, charismatic environment, the primary mission of the Music Department is to provide students with an excellent undergraduate foundation in music, as well as a strong emphasis on music's past, present, and future prospects. In this context, the general purposes of the department are (1) to provide opportunities for students to develop their music capabilities and interests through the use of music as a socializing force, as an aid to compassionate understanding of themselves and their environment and as an avenue of self-expression; (2) to stimulate an appreciation and love for music through the study of its various disciplines; (3) to develop techniques for mature evaluation of musical standards; (4) to give an adequate background for further study in graduate schools; (5) to cultivate tools for teaching in public and private schools, teaching in private studios, performing in professional music organizations, and working in related music fields; and (6) to prepare for various church ministries as well as the Oral Roberts ministries.

Overview

The Music Department of Oral Roberts University offers a wide variety of music programs ranging from instrumental and vocal to technology and worship. The ORU Music Department is accredited through the National Association of Schools of Music (NASM).

DEGREE PROGRAMS

The Music Department offers four degree programs: the bachelor of arts (music arts major), the bachelor of music (music composition, music performance, and sacred music majors), the bachelor of music education (music education major), and a bachelor of science degree (worship arts major).

These degree programs involve all of the significant areas of music study, such as music theory, sight singing and ear training, history and literature of music, music-teaching methods, and all fields of applied music and performance. Technology-related concentrations are also available in both the music arts major and the music composition major.

Music Arts (B.A.)

Students with this major choose to specialize in either arts or technology. Students selecting the technology concentration spend one semester of their junior year at The Recording Workshop in Chillicothe, Ohio, an education complex that specializes in training audio engineers.

Music Composition (B.M.)

Music composition majors choose between a concentration in composition or technology.

Music Performance (B.M.)

Students in the music performance major choose a concentration in instrumental, keyboard, or vocal music.

Sacred Music (B.M.)

Students in this major study traditional and contemporary Christian music for worship, including church music literature, hymnology, conducting, song-writing, and church music administration.

Worship Leadership (B.S.)

Students in this major study the history and practice of worship and complete an internship in a local church under a worship pastor.

Music Education (B.M.E.)

Students seeking licensure to teach at the K-12 levels need to complete the music education major, which leads to standard certification. Students interested in a teaching license should work closely with the music education advisor in the Music Department as well as with the ORU College of Education.

ENROLLMENT INFORMATION

Admission Requirements

Prospective students must meet the general admission requirements for Oral Roberts University described in the university catalog. Admission to the music program requires a separate application with the Music Department and an audition. Applicants will be notified of their acceptance to the university by the Admissions Office; they will be notified of acceptance (via letter) as a music major or minor by the Music Department after their audition.

Performance

Music majors must demonstrate continuous growth in ability to perform on a major instrument. Recitals are regularly presented, affording students opportunities to appear as soloists. As with all ORU seniors, music majors are required to prepare a culminating activity: a recital, project, paper, or an internship. Performance majors present a full recital in the senior year, after successfully presenting a half recital in the junior year. Sacred music majors complete a junior recital in the junior year and an internship during the senior year.

Bachelor of music composition majors make several presentations of original compositions in junior and senior recitals. A bachelor of arts candidate prepares a senior project, paper, or recital. Music education majors may elect to present a music education recital or a senior/paper project, each for two credit hours. A lecture recital option is also available and does not require a junior recital as a prerequisite.

Music majors must participate in a performance group approved by the department for every semester they are enrolled as music majors. Piano, organ, and guitar primaries may select either an approved vocal or instrumental organization.

Grade Requirements

All courses in the major, concentration, and cog-nate must be passed with at least a "C."

Music Seminar

All music majors must enroll and successfully complete at least 2 credit hours of MUS 099 Music Seminar, but must be enrolled in and earn at least a "C" in the class for seven semesters; minors must pass for four semesters. After the 2 credit hours are attained, MUS 099 is taken for 0 credit. As part of the requirement, music majors and minors must attend a designated number of recitals and concerts. Transfer music majors must earn at least a "C" in Music Seminar every semester they are enrolled as majors (a minimum of four semesters and up to seven semesters). Transfer music minors must pass Music Seminar at ORU for at least two semesters. If they attend ORU for three semesters, they must pass Music Seminar for all three semesters, and if they attend ORU for four or more semesters, they must pass Music Seminar for four semesters.

Proficiency

All students majoring in music, including transfer students, must pass the ORU piano proficiency and music vocabulary proficiency. Advisors acquaint their advisees with the requirements of these proficiency examinations and, if necessary, may recommend remedial work in piano class to assist them with the piano proficiency. All bachelor of music education candidates must pass a guitar proficiency in addition to the piano and vocabulary proficiencies before they can begin student teaching.

Fees

Each semester, an inclusive \$250 fee is charged all music majors. Music majors taking any applied lessons that are not required in the degree plan are assessed an additional fee of \$250 per semester-hour credit. Non-music majors who take applied lessons are assessed a \$250 applied music lesson fee for each credit hour taken (e.g., \$500 for two credit hours). Two additional fees include the Music Instrument Use Fee, which is a \$55 fee charged each semester for the use of university-owned musical instruments and equipment, and the Music Ensemble Fee, a \$40 fee charged each semester to each student enrolled in an ensemble.

CLUBS AND ORGANIZATIONS

Mu Phi Epsilon. As a chapter of the International Music Fraternity, this group promotes the advancement of music and scholarship in America.

Collegiate Music Educators National Conference (CMENC). This organization focuses on music education but is open to all music majors. It sponsors many of the music activities that occur on and off campus and is a great networking tool for any person who desires a career in music.

SPECIAL OPPORTUNITIES

Music Arts students who choose the technology concentration (MTC) spend a semester of their junior year at The Recording Workshop in Chillicothe, Ohio, an education complex that specializes in training audio engineers. The Recording Workshop's primary educational goal is to teach the creative operation of professional audio recording equipment. Students experience this teaching by spending extensive time in audio control rooms at the complex.

Music students may also choose to spend a semester at the Contemporary Music Center on Martha's Vineyard in Massachusetts. The program offers students the opportunity to study and work with faculty and music industry experts who share an interest in making and marketing contemporary music. The program is for any student considering a career in the music industry, both the art and the business. An intensive experience in Nashville is included. Department approval is required to receive credit.

AWARDS AND SCHOLARSHIPS

Outstanding Student Awards. In recognition of scholarship, leadership, and ORU lifestyle commitment, the Music Department annually honors graduating seniors with the presentation of Outstanding Student Awards in the department's majors: music arts, music composition, music performance, sacred music, worship leadership, and music education.

Scholarships offered by the music department are awarded on the basis of acceptance into the program by audition and participation in the ensembles.

MUSIC ARTS MAJOR (MUA)

Bachelor of Arts

Students choosing the technology concentration spend one semester of their junior year at The Recording Workshop in Chillicothe, Ohio. MTC students must pass MUS 101 and 103 before progressing into music technology classes beyond MUS 105.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203; French or German recommended)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Mathematics	3
Laboratory Sciences	8
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences (MUS 208)	3
Humanities (HUM 101, 301 plus two of the following: HUM 222, 233, 244, 333, 250, 255, 270, ART 103, ART 104, DRAM 215, COMP 101)	12
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	4.5-5

General Education Total 60.5-61

Major

MUS 066	Oratorio Chorus (4 semesters)	0
MUS 099	Music Seminar (7 semesters of C or better)	2
MUS 101	Harmony I	2
MUS 102	Harmony II	2
MUS 103	Sight Singing and Ear Training I	2
MUS 104	Sight Singing and Ear Training II	2
MUS	Concentration (arts or technology)	30
PRF 100	Piano Proficiency	
PRF 101	Music Vocabulary Proficiency	
Choice of one of the following:		3
MUS 421	Senior Recital ^A	
MUS 499	Senior Paper/Project*	
CAM 451	Communications Internship**	

Major Total 43

*For music arts concentration only.

**For music technology concentration only

^AStudents choosing MUS 421 Senior Recital must also complete MUS 399 Junior Recital as a prerequisite.

Note: Students with this major choose one of the following concentrations.

Arts Concentration (MAC)

MUS 026-047	Applied Music: Primary	8
MUS	Performance Groups (MUS 086 MUS 061-065, 067-075, 080-081)	8
MUS 105	Introduction to Music Technology	1
MUS 205	History and Literature of Music I	4
MUS 206	History and Literature of Music II	4
MUS 333	Conducting I	2
Choice of elective from sacred music or composition technology courses or from the following list: MUS 201, 301, 302, 443, 444		3

Arts Concentration Total 30

Technology Concentration (MTC)

MUS 026-047	Applied Music: Primary	7
MUS	Performance Groups (MUS 086 MUS 061-065, 067-075, 080-081)	7
MUS 105	Introduction to Music Technology	1
CHIL 400	Introduction to Sound Reinforcement*	2
CHIL 401	Studio Recording and Music Production I*	3
CHIL 402	Studio Recording and Music Production II*	3
CHIL 403	Recording Studio Maintenance*	1
Choice of six hours from the following:**		6
MUS 025	Audio Workstation (1 hr.)	
MUS 049	Audio Workstation (Jury) (2 hrs.)	
MUS 310	Studies in Advanced Music Technology (3 hrs.)	
MUS 313	Sequencing and Digital Audio (3 hrs.)	
MUS 315	Music Rich Media (3 hrs.)	
MUS 412	Music Technology Practicum (3 hrs.)	
CHIL 404	Advanced Studio Recording* (1 hr.)	
CHIL 405	New Tech Audio Production* (1 hr.)	

Technology Concentration Total 30

Minor 18
Electives 8

Degree Total 129.5-130

*Courses with a CHIL prefix are offered only at the Recording Workshop in Chillicothe, Ohio.

**If three hours are taken, one counts toward elective hours.

MUSIC COMPOSITION MAJOR (MUCO)

Bachelor of Music

Music composition majors choose between a concentration in composition or technology.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (French or German)	3
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science or Mathematics	3-4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences (MUS 208)	3
History and Literature of Music (MUS 205, 206)	8
Humanities (HUM 101, plus one of the following: HUM 222, 233, 244, 301, 333)	6
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5
General Education Total	52-53

Major

MUS 026-047 Applied Music: Primary	6
MUS 048 Applied Music: Composition	6
MUS Performance Groups (MUS 086 MUS 061-065, 067-075, 080-081)	8
MUS 066 Oratorio Chorus (4 semesters)	0
MUS 099 Music Seminar (7 semesters of C or better)	2
MUS 101 Harmony I	2
MUS 102 Harmony II	2
MUS 103 Sight Singing and Ear Training I	2
MUS 104 Sight Singing and Ear Training II	2
MUS 105 Introduction to Music Technology	1
MUS 201 Harmony, Sight Singing, and Ear Training III	3
MUS 202 Harmony, Sight Singing, and Ear Training IV	3
MUS 301 Form and Analysis	2
MUS 302 Orchestration	2
MUS 333 Conducting I	2
MUS 399 Junior Recital	2
MUS 401 Principles of Counterpoint	2
PRF 100 Piano Proficiency	0
PRF 101 Music Vocabulary Proficiency	0
Choice of four hours from the following:	4
MUS 001-023 Applied Music: Secondary	
MUS 125-128 Class Piano I-IV	
MUS 131 Class Voice	
MUS 135-136 Class Guitar	
Choice of three hours from the following courses:*	3
MUS 341 Brass and Percussion Instruments (1 hr.)	
MUS 342 Woodwind Instruments (1 hr.)	
MUS 441 String Instruments (1 hr.)	
Major Total	54

*Instrument courses can be taken more than once for credit.

Note: Students with this major choose one of the following concentrations.

■Composition Concentration (MUCC)		
MUS 335 Composition I	2	
MUS 337 Composition: Small Ensembles	3	
MUS 338 20th Century Composition Materials	3	
MUS 421 Senior Recital	3	
MUS 431 Composition: Advanced Studies-- Ensemble	3	
Composition Concentration Total	14	
■Composition/Technology Concentration (MUTC)		
MUS 335 Composition I	2	
Choice of one of the following courses:	3	
MUS 421 Senior Recital		
MUS 499 Senior Paper/Project		
Choice of three of the following courses:	9	
MUS 310 Studies in Advanced Music Technology*		
MUS 313 Sequencing and Digital Audio		
MUS 315 Music Rich Media		
MUS 412 Music Technology Practicum		
Technology Concentration Total	14	
Electives	11	
Degree Total	131-132	

*Students may take MUS 310 more than once if different content is covered each time.

Note: MUTC students must pass MUS 101 and 103 before progressing into music technology classes beyond MUS 105.

MUSIC PERFORMANCE MAJOR (MUP)

Bachelor of Music

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (French or German) (nonvocal primaries—3 hours; vocal primaries—6 hours)	3-6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science or Mathematics (MAT 151 or BIO, PSC, CHE, PHY)	3-4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences (MUS 208)	3
History and Literature of Music (MUS 205, 206)	8
Humanities (HUM 101, plus one of the following: HUM 222, 233, 244, 301, 333)	6
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5
Non-Vocal General Education Total	52-53
Vocal General Education Total	55-56

Major

MUS Performance Groups (MUS 086 MUS 061-065, 067-075, 080-081)	8
MUS 066 Oratorio Chorus (4 semesters)	0
MUS 099 Music Seminar (7 semesters of C or better)	2
MUS 101 Harmony I	2
MUS 102 Harmony II	2

MUS 103 Sight Singing and Ear Training I	2
MUS 104 Sight Singing and Ear Training II	2
MUS 105 Introduction to Music Technology	1
MUS 201 Harmony, Sight Singing, and Ear Training III	3
MUS 202 Harmony, Sight Singing, and Ear Training IV	3
MUS 301 Form and Analysis	2
MUS 302 Orchestration	2
MUS 333 Conducting I	2
MUS 335 Composition I	2
MUS 401 Principles of Counterpoint	2
MUS Music elective (required for non-vocal concentration only)	0-2
PRF 100 Piano Proficiency	0
PRF 101 Music Vocabulary Proficiency	0
One of the two following courses:	2
MUS 443 Conducting II: Choral (for vocal and keyboard primaries)	
MUS 444 Conducting II: Instrumental (for instrumental primaries)	
Non-Vocal Major Total	39
Vocal Major Total	37

Note: Students with this major choose one of the following three concentrations.

■Instrumental Concentration (MPIC)	
MUS 031-047 Applied Music: Primary	12
MUS 001-023, 125-128, 131, 135, 136 Applied Music: Secondary	4
MUS 326 Instrumental Pedagogy/Repertoire	1
MUS 341 Brass and Percussion Instruments	1
MUS 342 Woodwind Instruments	1
MUS 399 Junior Recital	2
MUS 421 Senior Recital	3
MUS 441 String Instruments Class	1
Instrumental Concentration Total	25

■Keyboard Concentration (MKC)	
MUS 026-027 Applied Music: Primary	12
MUS 004-023, 131, 135-136 Applied Music: Secondary	4
MUS 327 Keyboard Pedagogy and Repertoire	1
MUS 341 Brass and Percussion Instruments	1
MUS 342 Woodwind Instruments	1
MUS 399 Junior Recital	2
MUS 421 Senior Recital	3
MUS 441 String Instruments	1
Keyboard Concentration Total	25

■Vocal Concentration (MVC)	
MUS 029 Applied Music: Primary	12
MUS 001 125-128, 135-136 Applied Music: Secondary	4
MUS 241 Phonetics	1
MUS 242 Diction for Singers	2
MUS 325 Vocal Pedagogy and Repertoire	1
MUS 399 Junior Recital	2
MUS 421 Senior Recital	3

Vocal Concentration Total	25
Electives	
Non-Vocal majors	12
Vocal majors	11

Degree Total	128-129
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WORSHIP LEADERSHIP MAJOR (MWOR)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Mathematics (MAT 151)	3
Laboratory Science (BIO, PSC, PHY, CHE)	8
American History (HIS 101)	3
Government (GOV 101)	3
Social Sciences (MUS 208)	3
Humanities (HUM 101)	3
Humanities (DRAM 215 or HUM 270)	3
Humanities (MUS 300 or HUM 260)	3
Humanities (choice of one of the following: HUM 222, 233, 244, 301, 333)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5
General Education Total	55

Major

Choice of eight semesters from the following:	8
MUS 001 Piano (1 hr.)	
MUS 004 Voice (1 hr.)	
MUS 005 Guitar (1 hr.)	
MUS Performance Groups (MUS 086 MUS 061-065, 067-075, 080-081)	8
MUS 066 Oratorio Chorus (4 semesters)	0
MUS 101 Harmony I	2
MUS 102 Harmony II	2
MUS 103 Sight Singing and Ear Training I	2
MUS 104 Sight Singing and Ear Training II	2
MUS 105 Introduction to Music Technology	1
MUS 228 Contemporary Music Theory/ Lead Chart Notation	3
MUS 320 Songwriting and Arranging	2
MUS 333 Conducting I	2
MUS Elective	3
PRF 100 Piano Proficiency	0
PRF 101 Music Vocabulary Proficiency	0
Choice of one of the following two courses:	2
MUS 210 Keyboard Skills and Improvisation	
MUS 207 Guitar Skills and Improvisation	
Major Total	36

Cognate

DRAM 204 Playwriting in the Church	3
DRAM 205 Fundamentals of Acting	3
DRAM 216 Introduction to Technical Production	3
DRAM 336 Directing	3
MUS 098 Seminar for Worship Majors	1
MUS 309 Biblical Foundations of Worship	3
MUS 417 The Worship Service: Design and Function	3
MUS 420 Worship Practicum	3
MUS 451 Church Music Administration	3
MUS 452 Music and Worship in the Charismatic/Evangelical Church	3
Choice of one of the following course:	3
CHRM 302 Christian Leadership	
CHRM 305 Teaching the Bible	

CHRM 338 Prayer-Based Ministry
in the 21st Century

Cognate Total	31
Electives	6
Degree Total	128

SACRED MUSIC MAJOR (MULW)

Bachelor of Music

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science or Mathematics	3-4
American History (HIS 101)	3
Government (GOV 101)	3
Social Sciences (MUS 208)	3
History and Literature of Music (MUS 205, 206)	8
Humanities (HUM 101, plus one of the following: HUM 222, 233, 244, 301, 333)	6
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5
General Education Total	49-50

Major

MUS 026-047 Applied Music: Primary (Minimum two credits of voice and one of organ)	12
MUS Performance Groups (MUS 086 MUS 061-065, 067-075, 080-081) (Minimum two semesters choral)	8
Choice from the following courses:	4
MUS 001-023 Applied Music: Secondary	
MUS 125-128 Class Piano I-IV	
MUS 135-136 Class Guitar I-II	
MUS 131 Class Voice	
MUS 066 Oratorio Chorus (4 semesters)	0
MUS 099 Music Seminar (7 semesters of C or better)	2
MUS 101 Harmony I	2
MUS 102 Harmony II	2
MUS 103 Sight Singing and Ear Training I	2
MUS 104 Sight Singing and Ear Training II	2
MUS 105 Intro to Music Technology	1
MUS 201 Harmony, Sight Singing, and Ear Training III	3
MUS 202 Harmony, Sight Singing, and Ear Training IV	3
MUS 301 Form and Analysis	2
MUS 302 Orchestration	2
MUS 320 Songwriting and Arranging	2
MUS 333 Conducting I	2
MUS 341 Brass and Percussion Instruments	1
MUS 342 Woodwind Instruments	1
MUS 350 Hymnology	2
MUS 351 Service Playing	2
MUS 399 Junior Recital	2
MUS 401 Principles of Counterpoint	2
MUS 441 String Instruments	1
MUS 443 Conducting II-Choral	2
MUS 451 Church Music Administration	3
MUS 452 Music and Worship in the Charismatic/Evangelical Church	3

MUS 455 Church Music Literature	1
MUS 490 Church Music Practicum	3
PRF 100 Piano Proficiency	0
PRF 101 Music Vocabulary Proficiency	0
Major Total	72
Electives	10
Degree Total	131-132

MUSIC EDUCATION MAJOR (MUE) WITH K-12 TEACHING LICENSURE

Bachelor of Music Education

Students seeking licensure to teach at the K-12 levels need to complete the music education major, which leads to standard certification. Students interested in a teaching license should work closely with the music education advisor in the Music Department as well as with the ORU College of Education.

Students in the music education major choose a concentration in either vocal (MEVC) or instrumental (MEIC) music. Students may earn licensure in a second subject/content area or may earn both vocal and instrumental licensure. The Oklahoma Commission for Teacher Preparation requires the OSAT/OPTe test(s) be passed in order to obtain a license in an additional subject/content area. Students interested in completing coursework toward additional licensing should consult with the music education coordinator and the advisor in the second subject area.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication* (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Mathematics (MAT 151)	3
Laboratory Science (1 biological, 1 physical)	8
American History (HIS 101)	3
American Government (GOV 101)	3
Foreign Language Proficiency PRF 001 (exam or 102 level of a foreign language class)	0
Social Sciences (MUS 208)	3
History and Literature of Music (MUS 205, 206)	8
Humanities (HUM 101, plus one of the following: HUM 222, 233, 244, 301, 333)	6
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives)	4.5
General Education Total	56.5

*Must earn a "C" or higher in this course.

Major

MUS 066 Oratorio Chorus (4 semesters)	0
MUS 099 Music Seminar (7 semesters of C or better)	2
MUS 101 Harmony I	2
MUS 102 Harmony II	2
MUS 103 Sight Singing and Ear Training I	2
MUS 104 Sight Singing and Ear Training II	2
MUS 105 Introduction to Music Technology	1
MUS 201 Harmony, Sight Singing, and Ear Training III	3
MUS 202 Harmony, Sight Singing, and Ear Training IV	3

MUS 302	Orchestration	2
MUS 333	Conducting I	2
PRF 100	Piano Proficiency	
PRF 101	Music Vocabulary Proficiency	
PRF 102	Guitar Proficiency	
MUS	Concentration (MEIC or MEVC)	26
<i>Choice of one of the following two senior courses*:</i>		
MUS 421	Senior Recital	2
MUS 499	Senior Paper/Project	

Major Total 49

*MUE majors have the option to perform a full recital, preceded by a junior recital, a full senior paper/project (each for 3 credit hours), to perform a music education recital without a prerequisite junior recital, or to complete a music education paper/project (each for 2 credit hours). Both of these specific music education culminating activities are to be approximately two-thirds of the full requirements.

Note: Students with this major choose one of the following concentrations.

■ Instrumental Concentration (MEIC)		
MUS 001, 125-128	Applied Music: Secondary Piano (2 courses)	2
MUS 033-047	Applied Music: Primary Orchestral Instrument (5 semesters)	10
MUS 065, 067	Performance Groups	7
MUS 341	Brass and Percussion Instruments	1
MUS 342	Woodwind Instruments	1
MUS 441	String Instruments	1
MUS 442	Advanced String Instruments	1
MUS 444	Conducting II: Instrumental	2
<i>Choice of one of the following:</i>		
MUS 004	Applied Music: Voice (1 hr.)	
MUS 029	Applied Music: Voice (2 hrs.)	
MUS 131	Class Voice (1 hr.)	
MUS 325	Voice Pedagogy and Repertoire (1 hr.)	

Instrumental Concentration Total 26

■ Vocal Concentration (MEVC)		
<i>Choice of one of the following two applied courses:</i>		
MUS 026	Applied Music: Piano	
MUS 029	Applied Music: Voice	
<i>Choice of one of the following secondary courses:</i>		
MUS 001, 125-128	Applied Music: Piano	
MUS 004, 131	Applied Music: Voice	
MUS 061-064	Performance Groups:	7
MUS 242	Diction for Singers	2
MUS 341	Brass and Percussion Instruments	1
MUS 342	Woodwind Instruments	1
MUS 441	String Instruments	1
MUS 443	Conducting II—Choral	2

Vocal Concentration Total 26

Professional Education		
PED 100	Education Seminar (every semester)	0
<i>Choice of the following two field-based courses:</i>		
PED 111	Field-Based Experience (Elementary)*	1
PED 121	Field-Based Experience (Secondary)*	
PED 203	Foundations and Methods of Education*	3
PED 222	School Health Care	1
PED 305	Pedagogy I	4
PED 306	Pedagogy II	4
PED 361	Professional Education Seminar/Portfolio	0

<i>MEIC or MEVC courses based on concentration:</i>		
MUS 241	Phonetics for Singers (MEVC)	2
MUS 326	Instrumental Pedagogy and Repertoire (MEIC)	
MUS 329	Band Pageantry (MEIC)	

MUS 335	Vocal Pedagogy and Repertoire (MEVC)	
PED 475	Intern/Student Teaching: Elementary	5
PED 495	Intern/Student Teaching: 10-12	5
MUS 426	Elementary Music Methods and Evaluation	3
MUS 427	Secondary Music Methods and Evaluation	2

Professional Education Total 30

Degree Total 135.5

*Must earn a "C" or higher in this course.

MUSIC MINOR (MUM)

Requirements for students majoring in another discipline are 18 semester hours selected from the courses listed in each of the areas below. Students may take more hours than required in each area. Transfer students must take at least nine of the hours at ORU.

Area	Credits
Music Theory	3-8
MUS 100	Fundamentals of Music (3 hrs.)
MUS 101/103	Harmony I/Sight Singing (4 hrs.)
MUS 102/104	Harmony II/Sight Singing (4 hrs.)
Music History/Literature	3-8
MUS 205	History and Literature of Music I (4 hrs.)
MUS 206	History and Literature of Music II (4 hrs.)
MUS 300	Music Appreciation (3 hrs.)
Applied Music	3-5
MUS 001-023	Applied Music (fee) (1 hr.)
MUS 124-128	Class Piano (1 hr.)
MUS 135-136	Class Guitar I-II (1 hr.)
MUS 131	Class Voice (1 hr.)
Performance Groups	3-5
MUS 061-065, 067-075, 080-081, 086	Chamber Singers
	University Chorale
	Orchestra
	Wind Ensemble
	Jazz Ensemble
	Jazz Combo
Music Seminar	2
MUS 099	Music Seminar (.5 hr.)
Electives	0-6
MUS 105	Introduction to Music Technology (1 hr.)
MUS 208	Music in World Cultures (3 hrs.)
MUS 241	Phonetics for Singers (1 hr.)
MUS 242	Diction for Singers (2 hrs.)
MUS 310	Adv. Studies in Music Technology (3 hrs.)
MUS 313	Sequencing and Digital Audio (3 hrs.)
MUS 315	Music Rich Media (3 hrs.)
MUS 341	Brass and Percussion Instruments (1 hr.)
MUS 342	Woodwind Instruments Class (1 hr.)
MUS 350	Hymnology (2 hrs.)
MUS 351	Service Playing (2 hrs.)
MUS 441	String Instruments (1 hr.)
MUS 452	Music and Worship in the Charismatic/Evangelical Church (3 hrs.)
MUS 455	Church Music Literature (1 hr.)

Minor Total 18

MUSIC TECHNOLOGY MINOR (MTM)

Requirements for a minor for students majoring in another discipline are a minimum of 18 semester hours

selected from the courses listed below. Transfer students must take at least nine of the hours at ORU.

Area	Credit Hours
Music Theory	3-8
MUS 100	Fundamentals of Music (3 hrs.)
MUS 101/103	Harmony I/Sight Singing (4 hrs.)
MUS 102/104	Harmony II/Sight Singing (4 hrs.)
Music History/Literature	3-8
MUS 205	History and Literature of Music I (4 hrs.)
MUS 206	History and Literature of Music II (4 hrs.)
MUS 300	Music Appreciation (3 hrs.)

Applied Music	3-8
MUS 001-023	Applied Music (1 hr.)
MUS 124-128	Class Piano (1 hr.)
MUS 135-136	Class Guitar I-II (1 hr.)
MUS 131	Class Voice (1 hr.)

Performance Groups and Music Technology Electives*	4-5
MUS 061-065, 067-075, 080-081, 086	(1 hr.)
MUS 105	Introduction to Music Technology (1 hr.)
MUS 310	Studies in Adv. Music Technology (3 hrs.)
MUS 313	Sequencing and Digital Audio (3 hrs.)
MUS 315	Music Rich Media (3 hrs.)
MUS 412	Music Technology Practicum (3 hrs.)
CHIL 400	Introduction to Sound Reinforcement** (2 hrs.)
CHIL 401	Studio Recording and Music Production I** (3 hrs.)
CHIL 402	Studio Recording and Music Production II** (3 hrs.)
CHIL 403	Recording Studio Maintenance** (1 hr.)
CHIL 404	Advanced Studio Recording** (1 hr.)
CHIL 405	New Technology Audio Production** (1 hr.)

*At least 2 hours required in music technology courses and two hours in performance groups

**Courses with a CHIL prefix are offered only at the Recording Workshop in Chillicothe, Ohio.

Music Seminar	2
MUS 099	Music Seminar (.5 hr.)

Electives	0-4
MUS 207	Guitar Skills and Improvisation (2 hrs.)
MUS 208	Music in World Cultures (3 hrs.)
MUS 210	Keyboard Skills and Improvisation (2 hrs.)
MUS 241	Phonetics for Singers (1 hr.)
MUS 242	Diction for Singers (2 hrs.)
MUS 320	Songwriting and Arranging (2 hrs.)
MUS 341	Brass and Percussion Class (1 hr.)
MUS 342	Woodwinds Class (1 hr.)
MUS 350	Hymnology (2 hrs.)
MUS 351	Service Playing (2 hrs.)
MUS 441	String Instruments (1 hr.)
MUS 451	Church Music Administration (3 hrs.)
MUS 452	Music and Worship in the Charismatic/Evangelical Church (3 hrs.)
MUS 455	Church Music Literature (1 hr.)

Minor Total 18

WORSHIP LEADERSHIP MINOR (MWLM)

The worship leadership minor contains classes in worship, improvisation, worship planning, songwriting and arranging, and leadership. Noted worship leaders participate in workshops to complement classes in the minor. Entrance requirements include an application, vocal audition, and a personal interview.

Area**Music Theory**

<i>Choice of the following courses:</i>	3-4
MUS 100 Fundamentals of Music (3 hrs.)	
MUS 101 Harmony I (2 hrs.)	
MUS 103 Sight Singing and Ear Training I (2 hrs.)	

Applied Music

<i>CHOICE OF APPLIED COURSES:</i>	3
MUS 001-023 Applied Music (piano, voice, or guitar recommended)	
MUS 124-128 Class Piano	
MUS 131 Class Voice	
MUS 135-136 Class Guitar	

Performance Groups

MUS Performance Groups (MUS 086 MUS 061-065, 067-075, 080-081)	2
MUS 066 Oratorio Chorus (2 semesters)	0-1
MUS 089 Contemporary Music Ministry Ensemble	2

Additional Courses

MUS 451 Church Music Administration	3
MUS 452 Music and Worship in the Charismatic/Evangelical Church	3
<i>Choice of one of the following two courses:</i>	2
MUS 207 Guitar Skills and Improvisation	
MUS 210 Keyboard Skills and Improvisation	

Minor Total 18

FINE ARTS TECHNOLOGY MINOR (FATM)

Students choose a total of 18 hours, nine from each of two areas. At least one course from each area must be 300 or 400 level. To have a fine arts technology minor, students majoring in art, music, or multimedia must choose the two areas outside the major.

Art

ART 101 Fundamentals of Art I	3
ART 105 Color	3
ART 213 Drawing	3
ART 218 Graphic Design I	3
ART 365 Digital Photography	3

Art Total 9

Communication Arts

<i>Choice of three of the following courses:</i>	9
INT 201 Introduction to Interactive Media	
INT 301 Intermediate Interactive Media	
INT 401 Advanced Interactive Media	
TVF 228 Introduction to TV Production	
TVF 128 Principles of Audio Production	
TVF 317 Media Analysis	
TVF 318 Fundamentals of Scriptwriting	

Communication Arts Total 9

Music

MUS 300 Music Appreciation	3
<i>Choice of two of the following courses:</i>	2
MUS 061-065, 067-087 Performance Groups (0-1 hr.)	
MUS 001/023 Applied Music (1 hr.)	
MUS 131 Class Voice (1 hr.)	
MUS 135, 136 Class Guitar (1 hr.)	
<i>Choice of four hours from the following:</i>	4
MUS 105 Introduction to Music Technology (1 hr.)	
MUS 313 Sequencing and Digital Audio (3 hrs.)	
MUS 315 Music Rich Media (3 hrs.)	

CHIL 400 Introduction to Sound Reinforcement *(2 hrs.)	
CHIL 401 Studio Recording and Music Production I *(3 hrs.)	
CHIL 402 Studio Recording and Music Production II *(3hrs.)	
CHIL 403 Recording Studio Maintenance *(1 hr.)	
CHIL 404 Advanced Studio Recording *(1 hr.)	
CHIL 405 New Technology Audio Production *(1 hr.)	

Music Total 9

Minor Total 18

*Courses with a CHIL prefix are offered only at The Recording Workshop in Chillicothe, Ohio.

Departmental Courses

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

Applied Music (Secondary Instrument or Voice)

MUS 001 Piano
MUS 002 Organ
MUS 003 Harpsichord
MUS 004 Voice
MUS 005 Guitar
MUS 006 Harp
MUS 007 Violin
MUS 008 Viola
MUS 009 Violoncello
MUS 011 Bass, Double and Electric
MUS 012 Flute
MUS 013 Oboe
MUS 014 Clarinet
MUS 015 Saxophone
MUS 016 Bassoon
MUS 017 French Horn
MUS 018 Trumpet
MUS 019 Trombone
MUS 021 Baritone Horn
MUS 022 Tuba
MUS 023 Percussion
MUS 024 Composition
MUS 025 Audio Workstation
MUS 051 Arranging

Applied Music (Primary Instrument or Voice)

MUS 026 Piano (Jury)
MUS 027 Organ (Jury)
MUS 028 Harpsichord (Jury)
MUS 029 Voice (Jury)
MUS 031 Guitar (Jury)
MUS 032 Harp (Jury)**
MUS 033 Violin (Jury)
MUS 034 Viola (Jury)
MUS 035 Violoncello (Jury)
MUS 036 Bass, Double and Electric (Jury)
MUS 037 Flute (Jury)
MUS 038 Oboe (Jury)
MUS 039 Clarinet (Jury)
MUS 040 Saxophone (Jury)
MUS 041 Bassoon (Jury)
MUS 042 French Horn (Jury)
MUS 043 Trumpet (Jury)
MUS 044 Trombone (Jury)
MUS 045 Baritone Horn (Jury)
MUS 046 Tuba (Jury)
MUS 047 Percussion (Jury)

MUS 048 Composition (Jury)
MUS 049 Audio Workstation (Jury)
MUS 059 Arranging (Jury)

Performance Groups

MUS 061 Chamber Singers
MUS 063 University Chorale
MUS 065 Orchestra
MUS 066 Oratorio Chorus
MUS 067 Wind Ensemble
MUS 073 Opera Theatre
MUS 075 Jazz Ensemble
MUS 077 Basketball Band
MUS 080 Guitar Ensemble
MUS 081 String Ensemble
MUS 083 Brass Ensemble
MUS 085 Vocal Jazz Ensemble
MUS 086 Jazz Combo
MUS 087 Bell Ensemble
MUS 089 Contemporary Music Ministry Ensemble

Music

MUS 098 Seminar for Worship Majors
MUS 099 Music Seminar
MUS 100 Fundamentals of Music
MUS 101 Harmony I
MUS 102 Harmony II
MUS 103 Sight Singing and Ear Training I
MUS 104 Sight Singing and Ear Training II
MUS 105 Introduction to Music Technology
MUS 124 Preparatory Class Piano
MUS 125 Class Piano I
MUS 126 Class Piano II
MUS 127 Class Piano III
MUS 128 Class Piano IV
MUS 131 Class Voice
MUS 135 Class Guitar I
MUS 136 Class Guitar II
MUS 137 Techniques for Recording Acoustic Music
MUS 201 Harmony, Sight Singing, and Ear Training III
MUS 202 Harmony, Sight Singing, and Ear Training IV
MUS 205 History and Literature of Music I
MUS 206 History and Literature of Music II
MUS 207 Guitar Skills and Improvisation
MUS 208 Music in World Cultures
MUS 210 Keyboard Skills and Improvisation
MUS 228 Contemporary Music Theory/Lead Chart Notation
MUS 241 Phonetics and English Diction for Singers
MUS 242 Diction for Singers
MUS 300 Music Appreciation
MUS 301 Form and Analysis
MUS 302 Orchestration
MUS 309 Biblical Foundations of Worship
MUS 310 Studies in Advanced Music Technology
MUS 313 Sequencing and Digital Audio
MUS 315 Music Rich Media
MUS 320 Songwriting and Arranging
MUS 325 Vocal Pedagogy and Repertoire
MUS 326 Instrumental Pedagogy and Repertoire
MUS 327 Keyboard Pedagogy and Repertoire
MUS 329 Band Pageantry
MUS 333 Conducting I
MUS 335 Composition I
MUS 337 Composition: Small Ensembles
MUS 338 20th Century Composition Materials
MUS 341 Brass and Percussion Instruments Class
MUS 342 Woodwind Instruments Class
MUS 350 Hymnology
MUS 351 Service Playing
MUS 352 History of Musical Theatre

MUS 399	Junior Recital
MUS 401	Principles of Counterpoint
MUS 412	Music Technology Practicum
MUS 417	The Worship Service: Design and Function
MUS 420	Worship Internship
MUS 421	Senior Recital
MUS 426	Elementary Music Methods and Evaluation
MUS 427	Secondary Music Methods and Evaluation
MUS 431	Composition: Advanced Studies-- Ensembles
MUS 441	String Instruments Class
MUS 442	Advanced String Instruments Class
MUS 443	Conducting II: Choral
MUS 444	Conducting II: Instrumental
MUS 451	Church Music Administration
MUS 452	Music and Worship in the Charismatic/Evangelical Church
MUS 455	Church Music Literature
MUS 461	Departmental Seminar
MUS 490	Church Music Practicum
MUS 499	Senior Project/Paper
MUS 999	Elective

Proficiencies

PRF 100	Piano Proficiency
PRF 101	Music Vocabulary Proficiency
PRF 102	Guitar Proficiency
PRF 104	Music Technology Proficiency
PRF 105	Voice Proficiency

COLLEGE OF BUSINESS

Steven Greene, D.B.A., Dean

MISSION STATEMENT: The College of Business at Oral Roberts University is firmly grounded in a concept of abundant life and the belief that all people are capable of finding prosperous living with God as their Source. The comprehensive integrated curriculum is designed to provide a business education with a commitment to the Christian way of life. The College of Business seeks (1) to graduate well-qualified professionals who provide expert leadership as corporate executives, entrepreneurs, government officials, counselors, nonprofit administrators, and teachers; and (2) to provide an education that enables business graduates to manage people and resources within the context of Christian love and Biblical principles of concern for the welfare of the whole person. To this end, students are challenged to develop a perspective of wholeness in their personal lives so that they might help their clients or students develop wholeness as a way of life.

FACULTY

Ardith Baker.....Assistant Professor of Business B.S., Pittsburg State University, 1980; M.S., Oklahoma State University, 1992.

Joe Cannon.....Assistant Professor of Management B.S., Oklahoma State University, 1958; M.B.A., University of Oklahoma, 1962; J.D., Oklahoma City University, 1967.

Garrett Coble.....Assistant Professor of Marketing B.S. Oklahoma State University, 2005; Ph.D., Oklahoma State University, 2010.

David A. Dyson.....Professor of Management B.A., Oral Roberts University, 1973; M.B.A., 1978; Ph.D., University of Arkansas, 1988.

Bill Elliott.....Assistant Professor of Business B.S., Oklahoma State University, 1970; M.S., Northeastern State University, 1997.

George E. Gillen.....Professor of Business B.S., University of Tulsa, 1957; M.B.A., 1960; Ed.D., 1972.

Steven Greene.....Professor of Marketing and Dean of the College of Business B.A., Southeastern Louisiana University, 1975; M.B.A., 1978; D.B.A., Memphis State University, 1983

M. Ray Gregg.....Assistant Professor of Accounting B.B.A., Texas Tech University, 1969; M.B.A., 1971; C.P.A., 1972.

Mark Lewandowski.....Professor of Management B.S., Oral Roberts University, 1988; M.B.A., 1992; Ph.D., Walden University, 1995.

Walt MacMillan.....Professor of Management B.L.S., University of Oklahoma, 1992; M.S., Southern Nazarene University, 1994; Ph.D., Walden University, 1998.

Rinne Martin.....Professor of Finance B.S.M.E., University of Tulsa, 1968; M.B.A., 1973; Ph.D., University of Cincinnati, 1984.

James Russell.....Professor of Business and Chair of the Undergraduate Business Department B.S., Oklahoma State University, 1973; M.S., 1978; Ph.D., Virginia Polytechnic Institute and State University, 1981.

Kevin Schneider.....Instructor B.A., Oral Roberts University, 2003; M.B.A., 2004.

Terry M. Unruh.....Assistant Professor of Accounting B.S., Oral Roberts University, 1977; M.B.A., 1980; C.P.A., 1994.

Jonathan Wiley.....Instructor B.S./B.A., Oral Roberts University, 2005; M.B.A., 2007.

Marshal Wright.....Professor of Business and Chair of the Graduate Business Department B.S., Oral Roberts University, 1983; J.D., Regent University, 1987; M.B.A., Oral Roberts University, 1989; Ph.D., Regent University, 2003.

EMERITUS FACULTY

Carol Wilson, 1975-2007

OVERVIEW

The undergraduate program of the College of Business offers six undergraduate majors: accounting, business administration, finance, international business, management, and marketing. The program is designed to meet a broad array of student career objectives and interests. All majors and courses incorporate a Christian worldview. Graduates of the undergraduate business program have proven successful in a wide variety of fields. In addition, all undergraduate majors meet the leveling requirements for the Graduate School of Business Master of Business Administration (MBA) degree. If accepted into the fast-track program, entering freshmen may obtain their undergraduate and MBA degrees in five years.

The College of Business is accredited by the Association of Collegiate Business Schools and Programs (ACBSP) for both the baccalaureate and master level programs.

UNDER-GRADUATE BUSINESS DEPARTMENT

James Russell, Ph.D., Chair

DEGREE PROGRAMS

The Undergraduate Business Department offers majors in business administration, accounting, finance, international business, management, and marketing. All of these majors also require cognate courses to supplement the major area of focus.

Minors available through this department are general business and nonprofit business.

Accounting (B.S.)

The major in accounting is designed to prepare a student for professional accounting. When this specialization is combined with the broad foundation of the business concentration, the student has the potential of many opportunities within the business world. In order to meet the 150-hour requirement for CPA certification in most states, accounting majors are strongly encouraged to pursue the five-year professional MBA program.

Business Administration (B.S.)

Courses in business administration are for students seeking professional competence in business disciplines and are the basis for pursuit of graduate work in business. The business administration major is designed to provide background for young executives in business enterprise and industrial society. A broad background provides a basis for social understanding and appreciation of the interrelationships in business.

Students with this major may choose a minor in another discipline or a concentration in entrepreneurship.

Finance (B.S.)

The major in finance prepares a student for entry-level positions in finance. Specialization in finance is combined with the broad foundation of the business concentration. The basic courses offered cover corporate and personal areas. The necessary background for additional study of finance at the graduate level is also provided. The student majoring in finance is encouraged to enroll in the five-year professional MBA program.

International Business (B.S.)

The international business major prepares students for positions in international firms. All international business majors complete the foundational courses of the business concentration, along with foreign language and culture classes in the chosen business language minor (French, Spanish, Hebrew). Additional languages may be added to the program as needs dictate. International business majors are encouraged to enroll in the five-year professional program culminating in the M.B.A. degree.

Management (B.S.)

The major in management prepares students for management and leadership positions in either a corporate or an entrepreneurial setting. All management majors complete the general business foundational courses, along with the core management courses.

Management majors are encouraged to enroll in the five-year professional program culminating in the M.B.A. degree with a concentration in management.

Marketing (B.S.)

The marketing major prepares a student for entry-level positions in marketing. Specialization in marketing gives the student the depth needed to understand and be productive in a marketing-oriented economy. The basic courses offered cover the field of marketing in some breadth and also provide the background necessary for additional study of marketing at the graduate level. The marketing major is encouraged to enroll in the five-year professional program culminating in the M.B.A.

Concentration in Entrepreneurship (ENC)

Students pursuing any undergraduate major in the College of Business may add an 18-hour concentration in entrepreneurship. For students in the business administration major, this concentration may substitute for the required minor. For students in any of the other majors, choosing to add the concentration will raise the hours for graduation above the 128 normally required.

■ Entrepreneurship Concentration (ENC)

MGT 421	Entrepreneurship	3
MGT 422	Small Business Basics	3
FIN 461	Capital Markets	3
Choice of three of the following courses:		9
MGT 372	Creative Thinking	
MKT 333	Consumer Behavior	
MKT 334	Promotional Management	
MKT 346	Personal Selling	
MKT 445	Marketing Research	

Entrepreneurship Concentration Total 18

SPECIAL ACTIVITIES AND OPPORTUNITIES

Fast-Track Program

The Fast Track Program allows ORU senior students to enroll concurrently in graduate courses and apply those hours toward a master's degree. Students may register for a maximum of six semester hours of graduate courses per semester.

These students remain classified as undergraduates by the university and are billed the corresponding undergraduate tuition rate as long as enrollment remains between 12.0 and 18.5 credit hours. If enrollment is below 12.0 or exceeds 18.5 credit hours, they are billed the corresponding graduate per-credit-hour tuition rate. Students may earn up to 12 hours towards a graduate degree through the fast-track program. Graduate level courses taken through the fast-track program may not be used to fulfill undergraduate degree requirements.

Students whose vision includes the earning of the Master of Business Administration or the Master of Not-for-Profit Management degree may reduce the time necessary to complete their study by enrolling in the Fast-Track Program. Approved students in undergraduate business programs may take up to 12 hours of graduate work while completing the baccalaureate program. A student who completes three or more hours may successfully finish a master's degree in 9 additional months and thus save a semester. To participate, a student should make application with the College of Business graduate admissions coordinator. General criteria used for acceptance include a 3.0 GPA and a major in a business or business-related discipline; however, students with a GPA below 3.0 may be considered on a case-by-case basis.

Business Missions Trip

The College of Business offers several opportunities to serve others while gaining multicultural experiences that will serve them well after graduation. Business mission trips give students opportunities to travel to Paraguay, Argentina, Africa, and Central America. Argentina and Paraguay trips are offered in the spring semesters, and Africa and Central America trips are offered in the summers.

Internships

Through the Undergraduate Business Department, students can become involved in internships locally or nationwide, thus broadening their experiences in the business world.

CLUBS AND ORGANIZATIONS

Students in Free Enterprise (SIFE) compete with other colleges around the globe. SIFE creates economic opportunity by allowing students to create projects that concentrate on various business skills.

The **Accounting Society** focuses on the profession of accounting and provides opportunities for its members through professional growth and social interaction.

The **American Marketing Association** helps students gain a better understanding of the marketing environment through meetings and fellowship with other students.

The **Administrative Management Society (AMS)** focuses on developing business leaders and professionals, while exposing students to the business environment.

AWARDS

The Undergraduate Business Department seeks to honor those students who have made a significant contribution in the areas of academics and leadership. The three awards presented annually are as follows:

Outstanding Business Student. This award recognizes the senior business student who has academically surpassed his or her contemporaries in the field of business. This award is based on the GPA accumulated on a minimum of 30 hours of business courses and is limited to those students who have earned at least 45 hours at ORU.

Wall Street Journal Award. This award is given to the senior business student who has demonstrated leadership, spirit, morale, scholarship, and work consistent with the overall purpose of the undergraduate business program and Oral Roberts University.

Honor Student Medallion. This award is given to an academically outstanding senior business student in the honors program.

SCHOLARSHIPS

The following business scholarships are awarded for the spring term unless otherwise stated.

The **R. Suzanna Blackwell Scholarship** is for minority students and is needs based.

The **Conoco Phillips Scholarship** is for junior and senior level accounting and finance majors.

The **Ernst and Young Alumni Fund** is for full-time junior or returning senior accounting majors.

The **Sooner Federal Scholarship** is for Oklahoma high school graduates who demonstrate leadership ability and financial need.

ACCOUNTING MAJOR (ACT)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, SOC 323, MUS 208)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5
General Education Total	55

*At least one course must be chosen from list courses with asterisks.

Major

ACT 215	Principles of Financial Accounting I	3
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ACT 216	Principles of Financial and Managerial Accounting II	3
ACT 320	Quantitative Analysis	3
ACT 327	Intermediate Accounting I	3
ACT 328	Intermediate Accounting II	3
ACT 432	Managerial Cost Accounting	3
ACT 439	Auditing	3
ACT 442	Federal Income Tax Accounting	3
Choice of two of the following courses:		6
ACT 435	Accounting Information Systems	
ACT 443	Advanced Tax Accounting	
ACT 462	Advanced Accounting I	
ACT 463	Advanced Accounting II	
ACT 471	Estate and Gift Taxation	

Major Total 30

Cognate

BUS 099	Business Seminar	0
BUS 099	Business Seminar	0
BUS 201	Principles of Economics I	3
BUS 202	Principles of Economics II	3
BUS 325	Business Law I	3
BUS 326	Business Law II	3
BUS 499	Senior Paper	3
CSC 112	Microcomputing Applications in Business	3
FIN 244	Personal Financial Planning	3
FIN 338	Financial Management	3
MGT 130	Principles of Management	3
MGT 431	Strategic Management	3
MKT 130	Principles of Marketing	3

Cognate Total 33
Electives* 10

Total 128

*For CPA certification, electives may need to be additional accounting courses.

FINANCE MAJOR (FIN)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, SOC 323, MUS 208)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5

General Education 55

*At least one course must be chosen from list courses with asterisks.

Major

ACT 327	Intermediate Accounting I	3
ACT 328	Intermediate Accounting II	3
ACT 442	Federal Income Tax Accounting	3
BUS 499	Senior Paper	3
FIN 244	Personal Financial Planning	3
FIN 338	Financial Management	3
FIN 418	Investments	3
FIN 438	Advanced Financial Management	3
<i>Choice of two of the following courses:</i>		6
ACT 432	Managerial Cost Accounting	
ACT 443	Advanced Tax Accounting	
ACT 471	Estate and Gift Taxation	
FIN 303	Money and Banking Finance	
FIN 428	Bank Management	
FIN 452	Corporate Financial Decision-Making	
FIN 460	International Finance	
FIN 461	Capital Markets	
FIN 472	Principles of Estate Planning	
MGT 351	Risk Management	
MGT 384	Real Estate Management	

Major Total 30

Cognate

ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of Financial and Managerial Accounting II	3
ACT 320	Quantitative Analysis	3
BUS 099	Business Seminar	0
BUS 099	Business Seminar	0
BUS 201	Principles of Economics I	3
BUS 202	Principles of Economics II	3
BUS 325	Business Law I	3
BUS 326	Business Law II	3
CSC 112	Microcomputer Applications in Business	3
MGT 130	Principles of Management	3
MGT 431	Strategic Management	3
MKT 130	Principles of Marketing	3

Cognate Total 33
Electives 10

Degree Total 128

Health, Physical Education, and Recreation 5
(one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)

General Education Total 55

*At least one course must be chosen from list courses with asterisks.

Major

ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of Financial and Managerial Accounting II	3
ACT 320	Quantitative Analysis	3
BUS 325	Business Law I	3
BUS 326	Business Law II	3
BUS 499	Senior Paper	3
FIN 338	Financial Management	3
MGT 130	Principles of Management	3
MGT 431	Strategic Management	3
MKT 130	Principles of Marketing	3

Major Total 30

Cognate

BUS 099	Business Seminar	0
BUS 099	Business Seminar	0
BUS 201	Principles of Economics I	3
BUS 202	Principles of Economics II	3
FIN 244	Personal Financial Planning	3
<i>Choice of one of the following two courses:</i>		3-4
CSC 112	Microcomputer Applications in Business	
MAT 201	Calculus	

Cognate Total 12-13
Minor or Concentration** 18
Electives 12-13

Degree Total 128

**This must be either a non-business minor or a concentration in entrepreneurship. Information on the entrepreneurship concentration is given earlier in the section titled "Degree Programs."

DRAM 215, COMP 101)
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, MUS 208, SOC 323, FIN 244)
Health, Physical Education, and Recreation 5
(one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)

General Education Total 55

*At least one course must be chosen from list courses with asterisks.

Major

ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of Financial and Managerial Accounting II	3
ACT 320	Quantitative Analysis	3
BUS 361	International Business	3
BUS 499	Senior Paper	3
FIN 338	Financial Management	3
MGT 130	Principles of Management	3
MGT 431	Strategic Management	3
MKT 130	Principles of Marketing	3
MKT 361	International Marketing	3

Major Total 30

Cognate

BUS 099	Business Seminar	0
BUS 099	Business Seminar	0
BUS 201	Principles of Economics I	3
BUS 202	Principles of Economics II	3
BUS 325	Business Law I	3
<i>Choice of one of the following two courses:</i>		3-4
CSC 112	Microcomputer Applications in Business (3 hrs.)	
MAT 201	Calculus I (4 hrs.)	

Cognate Total 12-13
Business Language Minor* Total 21
Electives 9-10

Degree Total 128

*Requirements for a business language minor are listed in the English and Modern Languages section of this catalog. Students with previous language experience may participate in the test-out program for majors and minors, thereby accelerating the completion of the minor. The English and Modern Languages Department has more information.

BUSINESS ADMINISTRATION MAJOR (BUS)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208)	3

INTERNATIONAL BUSINESS MAJOR (INB)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300,	12

MANAGEMENT MAJOR (MGT)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270,	12

ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, MUS 208, SOC 323)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5

General Education Total 55

*At least one course must be chosen from list courses with asterisks.

Major

BUS 499 Senior Paper	3
FIN 338 Financial Management	3
MGT 130 Principles of Management	3
MGT 341 Business Communications	3
MGT 352 Organizational Behavior	3
MGT 431 Strategic Management	3
Choice of four of the following courses:	12
ACT 432 Managerial Cost Accounting	
FIN 428 Bank Management	
MGT 333 Supply Chain Management	
MGT 351 Risk Management	
MGT 353 Human Resource Management	
MGT 372 Creative Thinking	
MGT 384 Real Estate Management	
MGT 421 Entrepreneurship	
MGT 422 Small Business Basics	
MGT 443 Executive Development	
MGT 461 Conflict Resolution	
MGT 465 Administration of Nonprofit Organizations	

Major Total 30

Cognate

ACT 215 Principles of Financial Accounting I	3
ACT 216 Principles of Financial and Managerial Accounting II	3
ACT 320 Quantitative Analysis	3
BUS 099 Business Seminar	0
BUS 099 Business Seminar	0
BUS 201 Principles of Economics I	3
BUS 202 Principles of Economics II	3
BUS 325 Business Law I	3
BUS 326 Business Law II	3
CSC 112 Microcomputer Applications in Business	3
FIN 244 Personal Financial Planning	3
MKT 130 Principles of Marketing	3

Cognate Total 36
Electives 13

Degree Total 128

Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, SOC 323, MUS 208)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5

General Education Total 55

*At least one course must be chosen from list courses with asterisks.

Major

BUS 499 Senior Paper	3
MGT 341 Business Communications	3
MKT 130 Principles of Marketing	3
MKT 333 Consumer Behavior	3
MKT 334 Promotional Management	3
MKT 346 Personal Selling	3
MKT 361 International Marketing	3
MKT 445 Marketing Research	3
MKT 447 Retail Management	3
MKT 455 Marketing Management	3

Major Total 30

Cognate

ACT 215 Principles of Financial Accounting I	3
ACT 216 Principles of Financial and Managerial Accounting II	3
ACT 320 Quantitative Analysis	3
BUS 099 Business Seminar	0
BUS 099 Business Seminar	0
BUS 201 Principles of Economics I	3
BUS 202 Principles of Economics II	3
BUS 325 Business Law I	3
BUS 326 Business Law II	3
CSC 112 Microcomputer Applications in Business	3
FIN 244 Personal Financial Planning	3
FIN 338 Financial Management	3
MGT 130 Principles of Management	3
MGT 431 Strategic Management	3

Cognate Total 36
Electives 7

Degree Total 128

management, marketing, and
management information systems,

Minor Total 18

*All prerequisites must be met for these electives.

NONPROFIT BUSINESS MINOR (NPBM)

This minor provides a foundational base of knowledge addressing the unique business issues facing the student interested in pursuing a career in or associated with nonprofit organizations.

ACT 215 Principles of Financial Accounting I	3
MGT 130 Principles of Management	3
MGT 465 Administration of Nonprofit Organizations	3
MKT 130 Principles of Marketing	3
Choice of two from the following courses:	6
ACT 216 Principles of Financial and Managerial Accounting II	
ACT 471 Estate and Gift Taxation	
FIN 244 Personal Financial Planning	
FIN 338 Financial Management	
FIN 472 Principles of Estate Planning	
MGT 461 Conflict Resolution	

Minor Total 18

TRANSFERRING TO ORU WITH AN A.S. DEGREE

(FROM TULSA COMMUNITY COLLEGE)

An articulation agreement between Tulsa Community College (TCC) and ORU has been developed to assist students having an associate of science degree in business to obtain a bachelor of science degree in business administration at ORU. This agreement allows students from TCC to transfer to ORU and receive the maximum allowable credit towards a bachelor's degree. Additional information is available in the admissions section of this catalog.

Degree Requirements

Students transferring from TCC with an associate's degree in business and pursuing a B.S. degree in business administration at ORU need to take the courses as indicated in the following degree plan, including the following TCC general education courses.

TCC General Education	Credit Hours
Freshman Composition (ENGL 1113, 1213)	6
US History (HIST 1483 or 1493)	3
American Government (POLS 1113)	3
Economics (ECON 2013)	3
Social Sciences (PSYC 1313)	3

TCC General Education Total 18 hrs.

B.S. Degree in Business Administration

Students seeking an associate's degree in business from TCC and a bachelor's degree in business administration from ORU take courses and earn credit hours in the following areas:

TCC Associate's Degree Total	63
*TCC general education (18 hrs.)	

MARKETING MAJOR (MKT)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8

GENERAL BUSINESS MINOR (BUSM)

This minor provides a foundational base of business knowledge for the student who is majoring in a discipline other than business administration.

ACT 215 Principles of Financial Accounting I	3
BUS 201 Principles of Economics I	3
MGT 130 Principles of Management	3
MKT 130 Principles of Marketing	3
Electives* in accounting, business, finance,	6

- TCC business program (42 hrs.)
- TCC recommended elective (3 hrs.)

ORU Total 68

- ORU general education (35 hrs.)
- ORU business administration major (15 hrs.)
- A minor area of study (18 hrs.)

TCC-ORU Bachelor's Degree Total 131

In addition to the general education courses at TCC listed under "Degree Requirements" earlier in this section, students wanting to major in business at TCC and business administration at ORU need to take the following courses:

TCC Business Program Total 42 hrs.

Accounting (ACCT 2213, 2223)	6
Business (BUSN 1053, 1343, 2213, 2313)	12
Computer Science (CSCI 1203)	3
Computer Science (CSCI 2033 or CSYS 2073)	3
Economics (ECON 1353, 2023)	6
Management (MGMT 2363)	3
Marketing (MKTG 2423)	3
Electives (choice of specified BUSN, ECON, MGMT)	6

Recommended elective (MATH 2193) 3

ORU General Education 35 hrs.

Whole Person Assessment (GEN 099)	0
English (COMP 303)	3
Speech (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Science (two lectures and two labs)	8
Humanities (Choice of three from HUM 101, 222, 233, 244, 301, 333)	9
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	3

ORU Business Administration Major 15 hrs.

ACT 320 Quantitative Analysis	3
BUS 099 Business Seminar (taken twice)	0
BUS 326 Business Law II	3
BUS 499 Senior Paper	3
FIN 338 Financial Management	3
MGT 431 Strategic Management	3

ORU Minor 18 hrs.

Departmental Courses (Undergraduate)

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

Accounting

ACT 215	Principles of Financial Accounting I
ACT 216	Principles of Financial and Managerial Accounting II
ACT 320	Quantitative Analysis
ACT 327	Intermediate Accounting I
ACT 328	Intermediate Accounting II
ACT 432	Managerial Cost Accounting
ACT 435	Accounting Information Systems
ACT 439	Auditing
ACT 442	Federal Income Tax Accounting

ACT 443	Advanced Tax Accounting
ACT 451	Accounting Internship
ACT 462	Advanced Accounting I
ACT 463	Advanced Accounting II
ACT 464	Becker CPA--Regulation
ACT 465	Becker CPA--Business
ACT 466	Becker CPA--Financial
ACT 467	Becker CPA--Auditing
ACT 471	Estate and Gift Taxation
ACT 999	Elective

Business

BUS 099	Business Seminar
BUS 201	Principles of Economics I (Macroeconomics)
BUS 202	Principles of Economics II (Microeconomics)
BUS 325	Business Law I
BUS 326	Business Law II
BUS 361	International Business
BUS 372	Business Ethics
BUS 450	Special Topics in Business
BUS 451	Business Administration Internship
BUS 454	International Business Internship
BUS 499	Senior Paper
BUS 999	Elective

Finance

FIN 244	Personal Financial Planning
FIN 303	Money and Banking Finance
FIN 338	Financial Management
FIN 418	Investments
FIN 428	Bank Management
FIN 438	Advanced Financial Management
FIN 451	Finance Internship
FIN 452	Corporate Financial Decision Making
FIN 460	International Financial Management
FIN 461	Capital Markets
FIN 472	Principles of Estate Planning
FIN 999	Elective

Management

MGT 130	Principles of Management
MGT 333	Supply Chain Management
MGT 341	Business Communications
MGT 351	Risk Management
MGT 352	Organizational Behavior
MGT 353	Human Resource Management
MGT 372	Creative Thinking
MGT 384	Real Estate Management
MGT 421	Entrepreneurship
MGT 422	Small Business Basics
MGT 431	Strategic Management
MGT 443	Executive Development
MGT 451	Management Internship
MGT 461	Conflict Resolution
MGT 465	Administration of Nonprofit Organizations
MGT 999	Elective

Marketing

MKT 130	Principles of Marketing
MKT 333	Consumer Behavior
MKT 334	Promotional Management
MKT 346	Personal Selling
MKT 361	International Marketing
MKT 445	Marketing Research
MKT 447	Retail Management
MKT 451	Marketing Internship
MKT 455	Marketing Management
MKT 999	Elective

GRADUATE BUSINESS DEPARTMENT

Marshal Wright, Ph.D., Chair

The College of Business curriculum at the graduate level is designed to equip students to make intelligent and ethical decisions and to communicate those decisions in a clear and concise manner. Students are taught to think strategically and to function effectively in both the short- and long-term.

ORU anticipates that full-time students can complete their masters degrees in three or four semesters. Part-time students may complete the program in six to twelve semesters, depending on the level of intensity of study that is chosen.

DEGREE PROGRAMS

The graduate program of the College of Business offers two degrees at the masters level: the Master of Business Administration (M.B.A.) and the Master of Not-for-Profit Management (M.NFP).

Master of Business Administration (M.B.A.)

The Master of Business Administration degree is considered the most flexible business-related degree on the graduate level. In addition to a broad range of basic courses, the M.B.A. program offers special training, research opportunities, and field assignments in individual areas of interest. ORU's M.B.A. program emphasizes management strategy and techniques, long-range planning, organizational behavior, communication, motivation, business ethics, and moral principles. The importance of the human relations aspect of business affairs is recognized and stressed. M.B.A. students must demonstrate proficiency in business ethics, which may be demonstrated by satisfactory completion of an undergraduate or graduate ethics course. The M.B.A. degree at ORU provides both the benefit of broad managerial training and an area of specialization.

ORU anticipates that full-time students with an undergraduate degree in business should be able to complete their M.B.A. within three semesters; students without academic training in business should be able to complete the degree in two years.

Master of Not-for-Profit Management (M.NFP.)

The Master of Not-for-Profit Management degree provides a course of study preparing students with leadership, management, and administrative skills and advanced training across the broader discipline of business management with a particular emphasis in the not-for-profit environment. Specialized focus is provided in the areas of not-for-profit leadership, management, administration, marketing, development, legal concerns and compliance, taxation, finance, accounting, organizational design, and organizational effectiveness.

ENROLLMENT INFORMATION

Admission

Admission to graduate business degree programs is selective. Applicants must demonstrate academic achievement at the baccalaureate level, and success-

ful accomplishment in the workplace is beneficial. To assess an applicant's potential for success, the Admissions Committee reviews the student's transcripts; faculty, employer, and clergy recommendations; and scores on nationally normed examinations; however, the submission of a nationally normed examination is not required. Applicants must also demonstrate good character, Christian commitment, motivation, and discipline.

Leveling Courses

Upon admission to the Graduate School of Business, the student's transcripts are evaluated to determine any deficiencies from the baccalaureate degree. Participants in the graduate program may be required to take leveling courses in addition to courses required for the degree. Leveling courses are courses at the undergraduate level that help prepare students for courses in the degree. A plan of study is then initiated with deficiencies listed. The degree process is subsequently monitored by the academic advisor.

Fast-Track Program

Students may reduce the time necessary to complete a master's degree by enrolling in the Fast-Track Program while still in an undergraduate business program by taking up to 12 hours of graduate work while completing the baccalaureate program. A student who completes three or more hours may successfully finish a master's degree in 9 additional months and thus save a semester. To participate, a student should make application with the College of Business graduate admissions coordinator. General criteria used for acceptance include a 3.0 GPA and a major in a business or business-related discipline; however, students with a GPA below 3.0 may be considered on a case-by-case basis.

Course Load

Students must enroll in at least nine hours per semester to be considered full time. Graduate students in the College of Business who receive a graduate fellowship or assistantship typically are full-time students.

Graduate students need to consult the College of Business for the policy regarding course load and chapel attendance at ORU.

Grades

Graduate students are required to maintain a 3.0 grade point average to remain in good standing and to graduate. A grade of "C" or better counts for degree credit. Students who fall below this level are placed on probation, and students whose GPA remains below 3.0 for three consecutive semesters are subject to suspension from the program. Progress evaluation is normally conducted each summer or when a student has earned 12 or more hours.

Auditing

Graduate students may audit any graduate business course for which they have taken the prerequisites. The instructor and college dean must approve all audits. Audits can never be changed to a letter grade for credit. Students must maintain regular class attendance to receive audit designation on their transcript.

AWARDS AND SCHOLARSHIPS

The College of Business seeks to recognize graduate students who exhibit superior characteristics in the

areas of scholarship and leadership. Awards related to these characteristics are presented annually.

Business Financial Aid is available to graduate students in the College of Business. Interested students should request more information through the College of Business.

ORU Retention Scholarships are awarded to ORU baccalaureate graduates who choose to pursue graduate business study at ORU. Awards are for \$500 per full-time semester up to a cumulative total of \$1,000. These awards are limited and are offered on a first-come basis with preference extended to students coming directly from baccalaureate study. Awards are available only to students who have received full or conditional acceptance.

BUSINESS ADMINISTRATION (MBA)

Master of Business Administration

Students may select a concentration in accounting, finance, international business, management, not-for-profit management, entrepreneurship, or marketing. Any student pursuing one of these concentrations needs to consult with an advisor concerning the course requirements and selections.

M.B.A. students are required to have completed the following undergraduate prerequisites, called "leveling" courses. Credit hours from leveling courses do not apply toward the graduate degree.

Leveling Courses	Credit Hours
ACT 215 Principles of Financial Accounting I	3
ACT 216 Principles of Managerial Accounting II	3
BUS 325 Business Law I	3
FIN 338 Financial Management	3
MAT 232 Elementary Statistics	3
MKT 130 Principles of Marketing	3
MGT 130 Principles of Management	3
CSC 112 Microcomputer Applications in Business	3
Choice of one of the following two courses:	3
BUS 201 Principles of Economics I (3 hrs.)	
BUS 202 Principles of Economics II (3 hrs.)	
Leveling Courses Total	27

ORU Distinctive Courses	Credit Hours
GTHE 507 Holy Spirit in the Now*	2
GHPE 503 Graduate Health Fitness**	1
Choice of one of the following:	.5
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPE Elective	
ORU Distinctives Total	1.5-3.5

*This requirement is waived for students who have completed Holy Spirit in the Now for another degree plan and for those who have completed their undergraduate general education theology course requirements at ORU.

**Students who completed Health Fitness I and II as undergraduates need to substitute an activities course (.5 or 1 hour) for GHPE 503.

M.B.A. Managerial Courses

GACT 562 Managerial Accounting	3
GBUS 565 Strategic Management	3

GBUS 566 Management Simulation	1
GBUS 504 Communications in Contemporary Business	3
GBUS 574 Competitive Business Intelligence	2
GBUS 582 Managerial Economics	3
GBUS 598 Research Methodology	3
GFIN 563 Finance	3
MGMT 561 Management in a Globalized Era	3
MGMT 585 Quantitative Management	3
GMKT 564 Marketing Management	3
Choice of one of the following:***	3
GACT Elective	
GBUS Elective	
GFIN Elective	
GINB Elective	
MGMT Elective	
GMKT Elective	

M.B.A. Total 33

Degree Total 36.5

***Students planning to add a concentration need to select this elective from the area of concentration.

Concentrations

MBA students may earn a concentration in one of the following areas by taking six to ten additional hours in the area of the elective selected in the degree. Course selections need approval of an advisor. The general elective should also be in the concentration field.

■Accounting (ACTC)

GACT Elective	3
GACT Elective	3

Accounting Concentration Total 6

■Finance (FINC)

GFIN Elective	3
GFIN Elective	3

Finance Concentration Total 6

■International Business (INBC)

GINB Elective	3
GINB Elective	3

International Business Concentration Total 6

■Management (MGTC)

MGMT Elective	3
MGMT Elective	3

Management Concentration Total 6

■Marketing (MKTC)

GMKT Elective	3
GMKT Elective	3

Marketing Concentration Total 6

■Not-for-Profit Management (NPMC)

GMKT 550 Development of Nonprofit Organizations	2
GBUS 550 Legal Issues of Nonprofit Organizations	2
MGMT 521 Administration of Nonprofit Organizations	3
GFIN 572 Principles of Estate Planning	2

Nonprofit Management Concentration Total 9

■Entrepreneurship (ENTC)

GFIN 555	Entrepreneurship	3
GFIN 561	Capital Markets	3
<i>Choice of one of the following three courses:</i>		3
GMKT 534	Promotional Management	3
GMGT 541	Creative Thinking	
GMGT 556	Small Business Basics	

Entrepreneurship Concentration Total 9

NOT-FOR-PROFIT MANAGEMENT (MNFP)

Master of Not-for-Profit Management

Master of Not-for-Profit Management students share many courses with the Master of Business Administration students and also take courses designed to focus on not-for-profit studies. Delivery format may include some or all courses offered via a non-traditional format.

Master of Not-for-Profit Management students are required to have completed the following undergraduate prerequisites, called "leveling" courses. Credit hours from leveling courses do not apply toward the graduate degree.

Leveling Courses	Credit Hours
ACT 215	Principles of Financial Accounting I 3
ACT 216	Principles of Managerial Accounting II 3
BUS 325	Business Law I 3
FIN 338	Financial Management 3
MKT 130	Principles of Marketing 3
MGT 130	Principles of Management 3

Leveling Courses Total 18

ORU Distinctive Courses	Credit Hours
GTHE 507 Holy Spirit in the Now*	2
GHPE 503 Graduate Health Fitness**	1
Choice of one of the following:	.5
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPE Elective	

ORU Distinctives Total 1.5-3.5

*This requirement is waived for students who have completed Holy Spirit in the Now for another degree plan and for those who have completed their undergraduate general education theology course requirements at ORU.

**Students who completed Health Fitness I and II as undergraduates need to substitute an activities course (.5 or 1 hour) for GHPE 503.

Courses

GMGT 561	Management in a Globalized Era	3
GMGT 521	Administration of Nonprofit Organizations	3
GMGT 600	Leadership Studies	3
GMKT 550	Development of Nonprofit Organizations	2
GMKT 564	Marketing Management	3
GBUS 504	Communications in Contemporary Business	3
GBUS 550	Legal Issues of Nonprofit	2
GBUS 565	Strategic Management	2
GBUS 572	Business Ethics	2

GBUS 574	Competitive Business Intelligence	2
GACT 580	Nonprofit Accounting and Finance	3
GFIN 572	Principles of Estate Planning	2
Total		30
Degree Total		31.5-33.5

Departmental Courses (Graduate)

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

Accounting

GACT 500	Internship
GACT 527	Intermediate Accounting I
GACT 528	Intermediate Accounting II
GACT 532	Advanced Accounting I
GACT 533	Managerial Cost Accounting
GACT 539	Auditing
GACT 542	Federal Income Tax Accounting
GACT 543	Advanced Income Tax Accounting
GACT 562	Managerial Accounting
GACT 563	Advanced Accounting II
GACT 564	Becker CPA-Regulation
GACT 565	Becker CPA-Business
GACT 566	Becker CPA-Financial
GACT 567	Becker CPA-Auditing
GACT 570	Accounting Information Systems
GACT 571	Estate and Gift Taxation
GACT 580	Nonprofit Accounting and Finance
GACT 999	Elective

General Business

GBUS 500	Internship
GBUS 504	Communications in Contemporary Business
GBUS 550	Legal Issues of Nonprofit Organizations
GBUS 556	Personal Financial Planning
GBUS 565	Strategic Management
GBUS 566	Management Simulation
GBUS 567	Technology and Business
GBUS 572	Business Ethics
GBUS 574	Competitive Business Intelligence
GBUS 582	Managerial Economics
GBUS 598	Research Methodology
GBUS 599	Research
GBUS 999	Elective

Finance

GFIN 500	Internship
GFIN 514	Investments
GFIN 550	Commercial Bank Management
GFIN 555	Entrepreneurship
GFIN 561	Capital Markets
GFIN 563	Finance
GFIN 572	Principles of Estate Planning
GFIN 573	Development of Nonprofit Organizations
GFIN 999	Elective

International Business

GINB 560	International Finance
GINB 570	International Marketing
GINB 580	Readings in International Business
GINB 999	Elective

Management

GMGT 500	Internship
GMGT 521	Administration of Nonprofit Organizations
GMGT 541	Creative Thinking

GMGT 551	Executive Development
GMGT 553	Organizational Behavior
GMGT 556	Small Business Basics
GMGT 560	Conflict Resolution
GMGT 561	Management in a Globalized Era
GMGT 563	Organizational Dynamics
GMGT 585	Quantitative Management
GMGT 600	Leadership Studies
GMGT 999	Elective

Marketing

GMKT 500	Internship
GMKT 533	Consumer Behavior
GMKT 534	Promotional Management
GMKT 535	Services Marketing
GMKT 550	Development of Nonprofit Organizations
GMKT 564	Marketing Management
GMKT 999	Elective

Not-for-Profit Management Concentration

GNPM 999 Elective

Entrepreneurship

GENT 999 Elective

COLLEGE OF EDUCATION

Kim E. Boyd, Ed.D., Dean; Director of Teacher Education

MISSION STATEMENT: The mission of the College of Education is (1) to prepare professional Christian educators "to go into every person's world" and (2) to provide the opportunity for individuals who hold Christian principles to participate in initial and advanced study in preparation for professional public and private responsibilities in the field of education throughout the world.

FACULTY UNDERGRADUATE

Richard Berumen.....Assistant Professor
B.S., University of Central Oklahoma, 1975; M.A., University of Tulsa, 1977.

Kim Boyd.....Associate Professor
and Dean of the College of Education
B.A., Oral Roberts University, 1979; M.Ed., Northeastern State University, 1985; Ed.D., Oklahoma State University, 1996.

Linda G. Dunham.....Associate Professor
and Chair of the Undergraduate Department
B.A., Oral Roberts University, 1970; M.L.S., University of Michigan, 1971; Ed.D., Oklahoma State University, 1987.

Charlene Huntley.....Assistant Professor
B.S., University of Nebraska, 1980; M.A., Oral Roberts University, 2004.

Gerald Landers.....Assistant Professor
B.A., Oral Roberts University, 1974; M.A., Michigan State University, 1978.

Evalynne Lindberg.....Assistant Professor
B.A., Oral Roberts University, 1979; M.A., University of Tulsa, 1983.

Marsha Livingston.....Assistant Professor
B.A., University of the West Indies, 1989; M.B.A., Nova Southeastern University, 1995; Ed.D., Oral Roberts University, 2009.

Jean C. Mosley.....Professor
B.S.Ed., Mississippi College, 1968; M.Ed., Louisiana State University, 1972; Ph.D., 1992.

GRADUATE

Dwight Davidson.....Assistant Professor
B.S., Oklahoma State University, 1972; M.S., 1975; Ed.D., 1980.

Hallett Hullinger.....Associate Professor
B.S., College of William and Mary, 1975; M.Ed., 1982; Ed.D., Oklahoma State University, 1996.

Mary Lou Miller.....Associate Professor of Mathematics
B.S., Oklahoma State University, 1982; M.S., University of Tulsa, 1993; Ed.D., Oklahoma State University, 1999.

Jim V. Myers.....Professor
B.A., Oklahoma State University, 1965; M.N.S., University of Oklahoma, 1976; Ph.D., 1989.

Timothy Norton.....Professor
B.A., Oral Roberts University, 1980; M.A., Regent University, 1984; Ed.S., College of William and Mary, 1986; Ed.D., 1995.

J. Patrick Otto.....Associate Professor
and Chair, Graduate Department
B.S., Drake University, 1983; M.A., Oral Roberts University, 1992; Ed.D., Nova Southeastern University, 1996.

Calvin Roso.....Associate Professor
B.A., University of Wisconsin, 1985; M.A., Oral Roberts University, 1997; Ed.D., 2004.

Sherri Tapp.....Associate Professor
B.S., Tuskegee University, 1979; M.A., Oklahoma State University, 1982; Ed.D., 2002.

EMERITI FACULTY

Dr. Mauldin Ray, 1965-1992

Overview

Education is the shaping of the whole person: spirit, mind, and body. At the center of the education program at ORU is the understanding that true wisdom and knowledge come from God. The Bible is God's inspired Word and is upheld as the standard and central point of reference.

The College of Education provides an opportunity for individuals who hold Christian principles to participate in advanced study in preparation for professional public and private responsibilities in the field of education throughout the world. The College of Education prepares administrators; curriculum specialists; and teachers for public, private, and Christian schools.

The ORU College of Education is accredited by the National Council for Accreditation of Teacher Education (NCATE) and offers degrees at the bachelor, master, and doctoral levels. The college's graduates have won recognition as award-winning teachers—several having been honored as Teacher of the Year at the state level. ORU education students also rank the highest in the state on the various standardized licensing examinations.

INSTITUTIONAL STANDARDS

The following are institutional standards of the College of Education, adopted by the College of Education Faculty Assembly in support of the College of Education Mission Statement:

1. The candidate is a reflective, transformed educator who continually evaluates the effects of his or her decisions, dispositions, practices, and actions on others (students, parents, and other professionals) in the learning community from a Christian worldview.
2. The candidate is a reflective transformed educator who actively seeks out opportunities to grow professionally and understands the evaluation process of relative constituencies.
3. The candidate makes educational decisions (i.e. plans instruction and/or administrative) based on a Christian philosophy of education and promotes Godly principles among students, colleagues, parents, and agencies in the larger community.
4. The candidate makes educational decisions (i.e. plans instruction and/or administrative) based on the principles of the whole person lifestyle, including the spiritual, physical, intellectual, social, and emotional aspects.
5. The candidate makes educational decisions (i.e. plans instruction and/or administrative) based upon participation in multiple and varied clinical experiences and knowledge of subject matter, students, the community, and the Oklahoma Core Curriculum.
6. The candidate understands the central concepts, tools of inquiry, and structures of the discipline(s) and creates an educational environment that makes

aspects of subject matter meaningful for learners.

7. The candidate uses knowledge of effective verbal, nonverbal, and media communication techniques to foster active inquiry, collaboration, and supportive interaction in demonstration of a love for continuous life-long learning.

8. The candidate demonstrates competencies in research and uses research findings and contextual information to foster active inquiry, collaboration, and supportive interaction in the school environment.

9. The candidate demonstrates an understanding of learning and development and can provide learning opportunities that support intellectual, social, spiritual, personal, and career development.

10. The candidate demonstrates the dispositions needed to foster relationships with students, colleagues, parents, and agencies in the larger community to support learning and further demonstrates an understanding of the legal aspects of education.

11. The candidate demonstrates the disposition of a transformed educator who seeks outreach opportunities to diverse populations, both locally and worldwide.

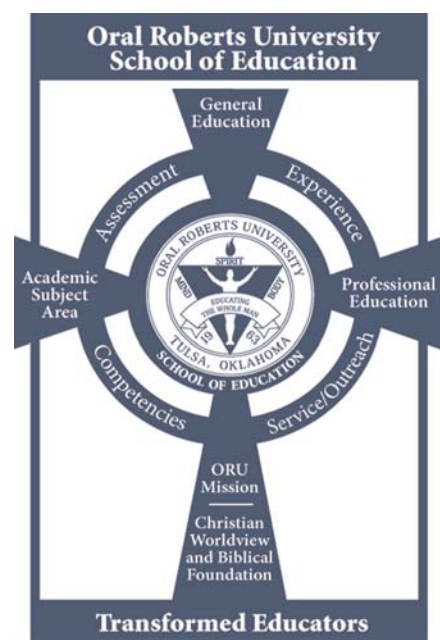
12. The candidate understands how students differ in their approaches to learning and creates educational opportunities that are appropriate for diverse learners.

13. The candidate demonstrates an understanding of a variety of instructional strategies to encourage the development of critical thinking, problem solving, and performance skills.

14. The candidate demonstrates an understanding of assessment systems that aggregate and disaggregate data collected from multiple formal and informal assessment instruments to evaluate learning and instructional practices in order to inform program improvement.

15. The candidate demonstrates an understanding of how to use technological resources to plan instruction and maintain an assessment system, and incorporates technology in learning activities.

16. The candidate demonstrates an understanding of individual and group motivation and behavior to create a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation.



CONCEPTUAL FRAMEWORK
Transformed Educators—Romans 12:2

The conceptual framework for the College of Education forms the basis for course content, stated student outcomes, instruction, and assessment. The College of Education offers a diverse teacher preparation program designed to equip teachers for assignments in elementary and secondary schools. The three segments (general education, specialized education, and professional education) are integrated to produce graduates with comprehensive teacher preparation. Advanced degrees are offered that prepare graduates for professional responsibilities in private and public schools, as well as for positions in business and industry.

In keeping with the university's mission statement, the College of Education conceptual model is rooted in the philosophical position that education is the shaping of the whole person: spirit, mind and body.

UNDER-GRADUATE EDUCATION DEPARTMENT

Linda Dunham, Ed.D., *Chair*

The Undergraduate Department of the College of Education administers programs that are accredited by the Oklahoma Commission for Teacher Preparation and lead to standard licensure based on the review and recommendation of this commission. The Career Services Center also maintains an up-to-date file on certification standards in all states, but the responsibility is assumed by the student wishing to certify in a state other than Oklahoma.

State regulation requires that all education courses taken to satisfy licensure requirements be taken at four-year institutions that have approved teacher education programs.

DEGREE PROGRAMS

Professional Elementary Education (B.S.) with Dual Licensure

Students choosing the elementary education major earn licensure in not only elementary education but also in a second area: English as a second language, early childhood education, or special education.

Special Education Mild-Moderate Disabilities (B.S.) with Dual Licensure

Students choosing the special education major earn licensure in not only special education but also in elementary education.

Early Childhood Education (B.S.) with Dual Licensure

Students choosing the early childhood education major earn licensure in not only early childhood education but also in a second area, either English as a second language or special education.

Other Program Areas Leading to Teaching Licensure

The ORU College of Education administers programs that meet State of Oklahoma certification and

licensure requirements in a variety of special content subject areas. The specialized studies are offered in cooperation with the College of Arts and Cultural Studies and the College of Science and Engineering and with the professional and pedagogical studies provided by College of Education faculty. All candidates for secondary education specialties and the combined elementary and secondary education specialties are required to complete study in a major field of concentration as part of the degree program.

Each licensure area combines courses from general, specialized, and professional education in such a way as to develop a student who is mentally alert, spiritually alive, physically disciplined, and socially adept to achieve the high goals of a competent, dedicated teacher.

General Education. The competent teacher is an informed and cultured person who (1) understands today's society, (2) is able to think critically, (3) has a firm grasp of research techniques, and (4) is aware of expanding knowledge in the behavioral, biological, and physical sciences. This person also has an aesthetic appreciation of the fine arts, as well as recreational skills. In keeping with the liberal arts emphasis of the university, the prospective teacher devotes time to appropriate courses in the liberal arts and sciences.

Specialized Education. Competent teachers have a thorough understanding of their subject matter (e.g., mathematics, science, art). Each pre-service teacher must complete a major as presented by the respective content area department.

Professional Education. Competent teachers not only have a breadth of general education and depth of specialized preparation in specific subject areas, but they also have thorough preparation in the mastery of teaching skills.

Programs leading to standard teaching licensure are available in the following areas:

Art Education Major (B.A.)

With elementary and secondary school teaching licensure. (Offered through the cooperation of the Communication, Arts, and Media Department.)

Communication Arts Education Major (B.A.)

With secondary school teaching licensure. (Offered through the cooperation of the Communication, Arts, and Media Department.)

Early Childhood Major (B.S.)

With early childhood (Pre-school-3rd grade) teaching licensure. (Offered through the College of Education.)

Elementary Education Major (B.S.)

With elementary school (1st-8th grade) teaching licensure. (Offered through the College of Education.)

English Education Major (B.A.)

With secondary school teaching licensure. (Offered through the cooperation of the English and Modern Languages Department.)

Health and Physical Education Major (B.S.)

With elementary/secondary school teaching licensure. (Offered through the cooperation of the Health, Physical Education, and Recreation Department.)

Mathematics Education Major (B.S.)

With secondary school teaching licensure. (Offered through the cooperation of the Engineering, Computer Science, Physics, and Mathematics Department.)

Modern Foreign Language Education Major (B.A.)

(Choice of Spanish or French) With elementary and secondary school teaching licensure. (Offered through the cooperation of the English and Modern Languages Department.)

Music Education Major (B.M.E.)

(Choice of vocal and/or instrumental). With elementary and secondary school teaching licensure. (Offered through the cooperation of the Music Department.)

Science Education Major (B.S.)

With secondary school teaching licensure. (Offered through the cooperation of the Biology and Chemistry Department.)

Social Studies Education Major (B.A.)

With secondary school teaching licensure. (Offered through the cooperation of the History, Humanities, and Government Department.)

Special Education Mild-Moderate Disabilities Major (B.S.)

With elementary and secondary teaching licensure. (Offered through the College of Education.)

Alternative Certification

The ORU College of Education is intentional about preparing students interested in a teaching career to become competent educators that understand their primary responsibility is to focus on student learning. Students completing the ORU teacher education program and passing the appropriate licensure exams meet all requirements for obtaining an initial license in Oklahoma. Additionally, transferring a teaching license to another state is less complicated when students meet the Oklahoma licensure requirement prior to transitioning to other states.

Alternative certification is intended for individuals who have been in other careers since graduating from college and who are seeking a second career in teaching. The typical profile of an individual seeking alternative certification is usually someone who has had several years of work experience in related fields to their bachelor's degree. Requirements for alternative certification vary widely from state to state, and as of November 1, 2009, new regulations for alternative certification in Oklahoma now require three years of work experience related to the baccalaureate degree beyond graduation, which prevents new college graduates from obtaining alternative certification. Other requirements for individuals interested in alternative licensure in Oklahoma are as follows:

- Hold at least a baccalaureate degree from an accredited institution
- Have a cumulative GPA of at least 2.5
- Have a major in a field that corresponds to an area of specialization
- Have at least 18 semester hours or 270 clock hours of professional education hours at the baccalaureate level and 12 semester hours or 180 clock hours at the post-baccalaureate level
- Have passed the Oklahoma General Education Test (OGET) and the Oklahoma Subject Area Test (OSAT)
- Have never been denied entrance into a teacher education program
- Can document three years of work experience (related to the subject area of specialization) after completion of the baccalaureate degree
- Have a plan on file with a higher education institution for meeting standard certification requirements within three years

Students interested in alternative certification should consult the Department of Education in the state(s) in which they are interested in teaching and with an advisor in the ORU College of Education. The College of Education recommends that students who are not enrolled in a major leading to licensure but are interested in alternative certification complete the master's degree in Teaching with Public School Licensure or the master's degree in Teaching with Alternative Licensure. The Fast Track program allows students to begin graduate work while they are still undergraduates. The section titled Special Opportunities has more information.

PROFESSIONAL EDUCATION PROGRAM

Every student who wishes to major in education or obtain a standard teaching certificate must be admitted to the Professional Education Program (PEP), which is a prerequisite for approval to student teach. Education majors must be admitted before they have completed 75 hours toward their education degrees. Only education majors may enroll in 300- and 400-level PED courses as undergraduates.

Teacher certification and degree plans are approved by the Dean, upon recommendation of the Education Faculty Assembly. The Dean and the Director of Teacher Education are the final certifying authorities for the university.

Course offerings, degree plans, and requirements are subject to change each year due to continuous modifications taking place at both the national and state levels regarding teacher certification, alternative teacher certification, and accreditation standards for teacher preparation programs. Therefore, individuals are advised to check with a College of Education advisor as to the precise degree plan under which they will be admitted. Catalog offerings, degree plans, and requirements may have changed since printing.

Standard Requirements

Teacher candidates must meet all of the following requirements before they are admitted to the Professional Education Program:

- Complete 45 hours of college coursework.
- Earn a GPA of 2.5 or above.
- Pass the Oklahoma General Education Test (OGET).
- Complete the entry level of the ePortfolio and submit for assessment by content area advisor.
- Pass the following courses and earn a "C" or above in each course:
 - Oral Communications (COM 101)
 - Reading and Writing in Liberal Arts (COMP 102)
 - Foundations/Methods of Education (PED 203)
 - Field-Based Experience (PED 111 or 121)
- Complete the application form and submit it to the Professional Education Program Admission and Retention chairperson.
- Meet for an interview with an admissions committee composed of a minimum of three faculty members. Recommendations without reservations must be received from the committee.
- Express interest in teaching as demonstrated by prior experiences and activities with children.
- Demonstrate personal traits that suggest potential for working with youth, parents, and other constituencies in education. This is determined by the evaluation from the Field-Based Experience supervisor and the admissions committee.

The Oklahoma Regents for Higher Education require all students seeking a teaching certificate in any

subject area to have "listening and speaking skills at the Novice High level in a language other than English." Therefore, students must also complete one of the following Language Proficiency requirements:

- Pass the Language Proficiency Skills Test given periodically by the English and Modern Languages Department. Currently, tests are available in Spanish, French, and German. The English and Modern Languages Department schedules the tests, and the teacher candidate must participate on the assigned day. Individual test dates for a candidate are not available. Once the teacher candidate passes this test, the Proficiency (PRF 001) will appear on the candidate's official transcript.
- Complete the equivalent of ORU's elementary 102 course in a foreign language with a grade of a 'C' or better.
- Transfer foreign language to ORU.
- Complete foreign language through the Advanced Placement program prior to matriculation.
- Pass the foreign language CLEP test prior to matriculation.

Teacher candidates who have not met the Professional Education Program admission requirements by the time they have completed 75 hours toward their degree are required to change majors and are not be permitted to enroll in additional courses leading to a degree in education.

Transfer Students

Transfer students are subject to the same requirements for admission to the Professional Education Program as nontransfer students. Transcripts and course descriptions from the previous school are used by the teacher candidate's advisor and the Dean of the College of Education to determine the applicability of previous coursework to the ORU Professional Education Program.

A Petition to Transfer form must be completed with required signatures and course description(s) for each course to be transferred to ORU. A copy of the course description from the catalog of the previous college or university and a copy of the transcript must accompany the Petition to Transfer before submitting it for signatures.

Transfer of courses to undergraduate or graduate degree programs that prepare teacher candidates for professional certification or licensure may not apply to degree requirements if such transfer of courses is prohibited or restricted by state law, regulations of the Oklahoma State Regents for Higher Education, or specific requirements for professional certification or licensure.

Notification of Admission Decision

The teacher candidate will receive written notification of acceptance or rejection of the application for admission to the Professional Education Program. Applicants denied admission may submit an appeal to the College of Education Faculty Assembly. If rejected by the Senate, an appeal can be submitted to the Dean of the College of Education, whose decision is final.

Admittance to the Professional Education Program does not of itself assure the teacher candidate of becoming a teacher. In addition to the specified number of hours with the designated GPA, candidates for teaching are viewed in light of their total educational, social, and professional qualifications.

Retention Requirements

Retention in the Professional Education Program (PEP) is required in order to graduate from one of the

education programs in the College of Education, College of Arts and Cultural Studies, or College of Science and Engineering.

Grade Point Average

Teacher candidates admitted to the Professional Education Program must maintain a GPA of at least 2.50 in order to remain in the program. Any student whose GPA falls below 2.50 is placed on probation. If after one semester on probation his or her GPA is still below 2.50, the candidate is dropped from the program and will no longer be eligible to enroll in education courses until the GPA is 2.50 or above.

Oral Roberts University retention policy states that no grade below "C" may apply toward the major, concentration, or professional education courses. A course in which a "D" is earned may apply only toward general education, minor, cognate, and general elective degree requirements.

State Examinations

The Oklahoma Commission for Teacher Preparation requires passing grades on the Oklahoma General Education Test (OGET), the Oklahoma Subject Area Test (OSAT), and the Oklahoma Professional Teaching Examination (OPTE).

Background Check and Felony Disclosure

The Oklahoma State Department of Education requires fingerprinting and background checks for all students working in education.

In response to legislation, Title 70 O.S., Supp. 1985, and 3-104.1, every applicant is required to answer the following questions:

- During the preceding ten-year period, have you ever been convicted of a felony?
- During the preceding ten-year period, have you ever been convicted of a crime involving moral turpitude?

If the answer to either of the preceding questions is "Yes," applicants are required to state the nature of the charge and the court in which they were convicted.

Portfolio

Teacher education in Oklahoma is competency-based with three integrated knowledge bases: general knowledge, subject matter, and pedagogy (teaching methods). Programs include extensive field experiences and the ongoing development of an electronic professional portfolio in which teacher candidates record, integrate, and reflect on their preservice experiences in the programs.

In accordance with the requirements of the Oklahoma Commission for Teacher Preparation (OCTP), the College of Education at Oral Roberts University requires all education majors to prepare an electronic portfolio. The OCTP defines a portfolio as follows: "A documented profile of an individual's accomplishments, learning, and strengths related to the competencies, standards, and outcomes established by the Commission, State Regents, State Department of Education, and institution [ORU]." These collections of authentic, learner-specific documents are also acknowledgment that the development of a professional educator is an individualized process. These artifacts reflect the teacher candidate's progress over a period of time and provide useful information in assessing the success of the program in meeting its goals and maintaining the required competencies.

The portfolio process for the teacher preparation program at Oral Roberts University is divided into four levels. The entry level must be completed before the teacher candidate may complete the Professional Education Program Interview, which determines the candidate's admission to the teacher preparation pro-

gram. The intermediate level is completed before making application for the Internship/Student Teaching experience. The capstone level is completed during the student teaching/internship. The professional level is completed after the student teaching/internship. The portfolio process is continually reviewed by the College of Education Faculty Assembly; therefore, portfolio requirements may be revised in the future.

The portfolio is an assessment instrument to determine if the teacher candidate is meeting requirements and competencies as set by Oral Roberts University, the College of Education, and the Oklahoma Commission for Teacher Preparation. Advisors, College of Education faculty, and/or committees are responsible for reviewing and indicating by rubrics, written comments, the evaluations of each portfolio. The teacher candidate may be asked to further develop his or her portfolio at any of the evaluation points before progressing through the program.

Portfolio items are recommended or required in each course in the program. The teacher candidate needs to collect a "tool box" or "working portfolio" throughout his or her program. The Professional Portfolio required to complete the teacher preparation program is developed through the phases/levels listed above. After completing the program/degree, the candidate may draw from the professional portfolio in order to develop the interview portfolio he or she wishes to present to a future employer. It is recommended that candidates keep all artifacts collected over the years because future employers may ask for a variety of items to evaluate skills, talent, or experience.

The portfolio is a dynamic collection of artifacts that reflect the teacher candidate's development and mastery of competencies required by the College of Education and the Oklahoma Commission of Teacher Preparation. Benefits of the portfolio include the development of an individual's personal career action plan; clarification of career objectives and goals; self-reflection, assessment, and improvement; and facilitation in preparing application for employment or promotion.

Student Teaching

Student teaching is the culminating experience of the Professional Education Program. It is during student teaching that the teacher in training puts into practice what has been learned both in the subject area and in professional education classes. Student teaching should be undertaken only upon reaching status as a senior-year teacher candidate. The candidate and advisor should discuss the point at which student teaching should be initiated.

The teacher in training must be formally admitted to the Professional Education Program before applying for student teaching, and the portfolio (phase II) must be completed prior to application. Applications for student teaching in the spring must be made by October 1 of the previous semester, and application for the fall must be made by February 15 of the previous semester. Applications are available in the College of Education office. The completed application, along with a current transcript indicating a cumulative GPA of at least 2.50, is given to the teacher candidate's advisor. The Coordinator of Student Teaching will notify the student of his or her acceptance and the candidate's specific placement into student teaching.

During the internship semester, all student teachers are required to attend the Professional Education Seminar/Portfolio meetings, which are held in the evenings. The *Student Teacher Handbook* has more information.

CLUBS AND ORGANIZATIONS

Student Oklahoma Education Association (SOEA). All teacher candidates automatically become a member of SOEA upon enrollment into Education Seminar. The Education Seminar course, which includes a \$25 fee, pays the membership fee for SOEA, which includes insurance that covers teacher candidates when they go out to teach.

Kappa Delta Pi. Education Honor Society.

SPECIAL OPPORTUNITIES

Fast Track Program (Concurrent Undergraduate and Graduate Study)

An undergraduate student with a senior classification who needs less than a full course load for graduation may be permitted to enroll concurrently in courses applicable to the graduate program on the following basis:

- Must have completed a minimum of 90 semester hours of coursework with a minimum of 3.0 GPA
- Students are required to maintain a 3.0 in undergraduate and graduate studies in order to remain in the program.
- Students may need to complete additional admission requirements.

Fast Track allows six hours a semester for the student's undergraduate senior year. A total of 12 hours only is allowed in this program. No additional tuition is charged when total hours (undergraduate plus graduate) enrolled are between 12 and 18 hours each semester. A master of arts degree may be completed within one year after the undergraduate degree is granted.

Teaching Abroad Opportunities

The teacher education department allows students many opportunities to do teaching abroad during the summer or certain semesters. Students interested in teaching abroad should speak with their advisor.

AWARDS

The Undergraduate Department of the College of Education offers several awards for students in one of the education majors or other areas of licensure:

- **Outstanding Teacher Candidate** (in elementary, special education, and early childhood)
- **Most Outstanding Undergraduate Teacher Candidate**
- **Outstanding Senior Portfolio**
- **William C. McQueen Children's Literature Award**
- **Mauldin Ray Outstanding Undergraduate Award**

SCHOLARSHIPS

The Undergraduate Department of the College of Education has several scholarships for students pursuing a degree in education. Students from all education certification areas are eligible to apply, and admission to the College of Education is required for all scholarships. Students need to contact the College of Education for applications, which are due in January of the preceding school year. Additional information is available in the College of Education.

The **Temple Scholarship** is awarded to an undergraduate student and requires the student to commit to teaching in a Tulsa area school upon graduation. The award amount is \$5000 per year.

The **Nina Curtis Jacke, Ruth Lucardie, and Frank and Julianne Yeneca** scholarships are all awarded to College of Education students based on scholarship and need. The award amount varies.

The **Helen Tyson Wares** and **Drs. Jonny and Radine Frisbie** special education scholarships are awarded to special education majors based on scholarship and need. The award amount varies.

PROFESSIONAL ELEMENTARY EDUCATION MAJOR (ELED)

WITH DUAL LICENSURE

Bachelor of Science

Students choosing the elementary education major earn licensure in not only elementary education but also in a second area: English as a second language, early childhood education, or special education.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
ORAL COMMUNICATION (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Sociology (SOC 323)	3
Biology (lecture and lab)	4
Physical Science ^A (lecture and lab)	4
Geography (PSC 350 lecture and lab)	4
Mathematics (MAT 151, 221, 222, 232)	12
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives)	4.5
Choice of one of the following:	0
PRF 001 Foreign Language Proficiency	
Modern Foreign Language 102 (5 hrs.)	
General Education Total	67.5

^AOr approved science elective.

^AAt least one course must be chosen from list courses with asterisks.

Major		
ELE 314	Reading and Language Arts	3
ELE 323	Children's Literature and the Library	3
ELE 344	Elementary Reading Methods with practicum	4
ELE 403	Literacy Assessment with Clinical Experience	3
ESL/ECE/SED Concentration**		17-18
Major Total		30-31

**Students majoring in elementary education choose a concentration in English as a second language, early childhood education, or special education.

■English as a Second Language Concentration (ESLC)

ESL 303	TESL Principles	3
ESL 315	Descriptive Linguistics	3
ESL 343	TESL Methods and Materials	3
ESL 353	TESL Curriculum Design	3
ESL 393	TESL Assessment	3
ESL 413	Cross-Cultural Communication	3

ESLC Concentration Total 18

■Early Childhood Education Concentration (EHC)

ECE 212	Foundations of Early Childhood Education and Physical Development	3
ECE 250	Infant and Toddler Development	3
ECE 303	Symbol Development and Creativity of the Young Child	3
ECE 313	Psychosocial Development and Guidance of the Young Child	3
ECE 323	Cognitive Development of the Young Child	3
ESL 303	TESL Principles	3

EHC Concentration Total 18

■Special Education Concentration (SPEC)

ESL 303	TESL Principles	3
SED 313	Assessment and Program Planning	3
SED 323	Parents and Families of Students with Special Needs	3
SED 352	Behavior Management Strategies	2
SED 363	Effective Instruction for Students with Mild-Moderate Disabilities	3
SED 403	Methods, Strategies, and Techniques for Teaching Students with Mild Disabilities	3
SED 423	Issues, Trends, and Curriculum Modification in Special Education	3

SPEC Concentration Total 20

Professional Education

PED 100*	Education Seminar (every semester)	0
PED 111	Field Based Experience/Practicum (Elementary)	1
PED 203	Foundations and Methods of Education	3
PED 222	School Health Care	1
PED 313	Human Growth and Development	3
PED 361	Professional Education Seminar/Portfolio (2 semesters)	0
PED 363	Educational Technology	3
PED 372	Classroom Management and Educational Law	3
PED 382	Educational Assessment	3
PED 401	Instructional Methods and Strategies: Elementary	3
PED 465	Student Teaching: Early Childhood**	4
PED 475	Student Teaching: Elementary**	4
SED 353	Introduction to Special Education: Mild-Moderate Disabilities	3

Professional Education Total 31

Degree Total 129.5-132.5

**Students pursuing an ESL concentration may substitute PED 485 Student Teaching: 7-9 for either PED 465 or 475. Students pursuing the SPED concentration may substitute PED 485 Student Teaching: 7-9 or PED 495 Students Teaching: 10-12 for PED 465.

SPECIAL EDUCATION MILD-MODERATE DISABILITIES MAJOR (SPED)

WITH DUAL LICENSURE**Bachelor of Science****General Education Credit Hours**

Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Sociology (SOC 323)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Biology (lecture and lab)	4
Physical Science (lecture and lab)	4
Geography ^A (PSC 350 lecture and lab)	4
Mathematics (MAT 151, 221, 222, 232)	12
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 00I and 002, Basic First Aid/CPR, swimming course or proficiency, and electives)	4.5
PRF 001 Foreign Language Proficiency	

General Education Total 67.5

^AOr approved science elective.

*At least one course must be chosen from courses with asterisks.

Major

SED 313	Assessment and Program Planning	3
SED 323	Parents and Families of Students with Special Needs	3
SED 352	Behavior Management Strategies	2
SED 363	Effective Instruction for Students with Mild-Moderate Disabilities	3
SED 403	Methods, Strategies, and Techniques for Teaching Students with Mild Disabilities	3
SED 423	Issues, Trends, and Curriculum Modification in Special Education	3
ELE	Concentration	13

Major Total 30

■Elementary Education Concentration (ELEC)

ELE 314	Reading and Language Arts	3
ELE 323	Children's Literature and the Library	3
ELE 344	Elementary Reading Methods with practicum	4
ELE 403	Literacy Assessment with Clinical Experience	3

ELEC Concentration Total 13

Professional Education

PED 100	Education Seminar (every semester)	0
Choice of one of the field-based courses:		1

PED 111	Field-Based Experience (Elementary)	
PED 121	Field-Based Experience (Secondary)	
PED 203	Foundations and Methods of Education	3
PED 222	School Health Care	1
PED 313	Human Growth and Development	3
PED 361	Professional Education Seminar/Portfolio (2 semesters)	0
PED 363	Educational Technology	3
PED 372	Classroom Management and Educational Law	3
PED 382	Educational Assessment	3
PED 401	Instructional Methods and Strategies: Elementary	3
PED 475	Student Teaching: Elementary	4
ESL 303	TESL Principles	3
SED 353	Introduction to Special Education: Mild-Moderate Disabilities	3
Choice of one of the following intern courses:		4
PED 465	Student Teaching: Early Childhood	
PED 485	Student Teaching: 7-9	
PED 495	Student Teaching: 10-12	

Professional Education Total 34

Degree Total 131.5

EARLY CHILDHOOD EDUCATION MAJOR (ECH) WITH DUAL LICENSURE

Bachelor of Science

Students choosing the early childhood education major earn licensure in not only early childhood education but also in a second area, either English as a second language or special education.

General Education Credit Hours

Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Sociology (SOC 323)	3
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Biology (lecture and lab)	4
Physical Science ^A (lecture and lab)	4
Geography (PSC 350 lecture and lab)	4
Mathematics (MAT 151, 221, 222, 232)	12
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 00I and 002, Basic First Aid/CPR, swimming course or proficiency, and electives)	4.5
PRF 001 Foreign Language Proficiency or Elementary Level	

General Education Total 67.5

^AOr approved science elective.

*At least one course must be chosen from list courses with asterisks.

Major

ECE 212	Foundations of Early Childhood Education and Physical Development	3
ECE 303	Symbol Development and Creativity	3
ECE 313	Psychosocial Development and Guidance of the Young Child	3
ECE 323	Cognitive Development of the Young Child with Practicum	3
ELE 314	Reading and Language Arts	3
ELE 344	Elementary Reading Methods with Practicum	4
ELE 403	Literacy Assessment with Clinical Experience	3
ESL/SED	Concentration**	9-14

Major Total 31-36

**Students majoring in early childhood education choose a concentration in either English as a second language or special education.

■English as a Second Language Concentration (ELC)

ESL 343	TESL Methods and Materials	3
ESL 393	TESL Assessment	3
ESL 413	Cross-Cultural Communication	3

ESLC Concentration Total 9

■Special Education Concentration (SEDC)

SED 313	Assessment and Program Planning	3
SED 323	Parents and Families of Students with Special Needs	3
SED 352	Behavior Management Strategies	2
SED 403	Methods, Strategies, and Techniques for Teaching Students with Mild-Moderate Disabilities	3
SED 423	Issues, Trends, and Curriculum Modification in Special Education	3

SEDC Concentration Total 14

Professional Education

PED 100	Education Seminar (every semester)	0
PED 111	Field-Based Experience/Practicum*	1
PED 203	Foundations and Methods of Education	3
PED 222	School Health Care	1
PED 313	Human Growth and Development	3
PED 361	Professional Education Seminar/Portfolio (2 semesters)	0
PED 363	Educational Technology	3
PED 372	Classroom Management and Educational Law	3
PED 382	Educational Assessment	3
PED 401	Instructional Methods and Strategies: Elementary	3
PED 465	Student Teaching: Early Childhood:	4
PED 475	Student Teaching: Elementary**	4
ESL 303	TESL Principles	3
SED 353	Introduction to Special Education: Mild-Moderate Disabilities	3

Professional Education Total 34

Degree Total 132.5-137.5

*Students with a concentration in English as a second language may substitute PED 121 for PED 111.

**Students with a concentration in English as a second language may substitute PED 485 for PED 475.

EDUCATION MINOR (EDUM)

The education minor is not accompanied by teaching licensure nor does it prepare the student for any licensure exam. The requirements of the minor are the completion of 18 hours of approved coursework having the ELE, SED, and ECE prefixes or PED 203, 111, and 121 courses.

Prerequisite: Written approval by the college dean.

TRANSFERRING TO ORU WITH AN A.S. DEGREE**(FROM TULSA COMMUNITY COLLEGE)**

An articulation agreement between Tulsa Community College (TCC) and ORU has been developed to assist students having an associate's degree in education from TCC to obtain a bachelor of arts degree in professional elementary education at ORU. This agreement allows students from TCC to transfer to ORU and receive the maximum allowable credit towards a bachelor's degree. Additional information is available in the admissions section of this catalog.

Degree Requirements

Students transferring from TCC and pursuing a bachelor's degree in professional elementary education at ORU need to take the courses as indicated in the following degree plans. All TCC students interested in one of these majors need to take the following general education courses at TCC.

TCC General Education	35 hrs.
Freshman Composition (ENGL 1113, 1213)	6
Speech Communication (SPCH 1113)	3
US History (HIST 1483 or 1493)	3
Humanities Electives	6
American Government (POLS 1113)	3
Science (BIOL 1114, PSC 1114)	8
Mathematics (MATH 1473)	3
Social Sciences (PSYC 1113)	3

B.S. Degree in Professional Elementary Education

Students seeking an associate's degree in education from TCC and a bachelor's degree in professional elementary education earn a teaching licensure in not only elementary education but also in a second area: English as a second language or early childhood education. The second area is completed by choosing the appropriate concentration. Students seeking this program take courses and earn credit hours in the following areas:

TCC Associate's Degree Total	63 hrs.
•TCC general education (35 hrs.)	
•TCC education electives (28 hrs.)	

ORU Total	71 hrs.
•ORU general education (15-19 hrs.)	
•ORU elementary education major (13 hrs.)	
•Concentration (15-18 hrs.)	
•Professional education (24-25 hrs.)	

TCC-ORU Bachelor's Degree Total 134

In addition to the general education courses at TCC listed above, students planning to major in elementary education at TCC and at ORU need to take the following courses:

ORU General Education	15-19 hrs.
Whole Person Assessment (GEN 099)	0
English (COMP 303)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Science Lecture and Lab (PSC 350)	4
Geography (PSC 350 lecture and lab)*	4
Health, Physical Education, and Recreation (HPE 001 and 002, swimming course or proficiency, one elective)	2.5

*Required only for students choosing the early childhood concentration.

ORU Elementary Education Total	13 hrs.
ELE 314 Reading and Language Arts	3
ELE 323 Children's Literature and the Library	3
ELE 344 Elementary Reading Methods	4
ELE 403 Literacy Assessment with Clinical Experience	3
PRF 007 CPR/First Aid Proficiency	0

ORU Professional Education Total	24-25 hrs.
PED 100 Education Seminar**	0
PED 111 Field Experience--Elementary***	1
PED 202 Foundations of Education	3
PED 222 School Healthcare	1
PED 361 Professional Education Seminar/Portfolio	0
PED 363 Educational Technology	3
PED 372 Classroom Management and Educational Law	3
PED 382 Educational Assessment	3
PED 401 Instructional Methods and Strategies: Elementary, Early Childhood, and Special Education	3
PED 465 Student Teaching: Early Childhood	4
PED 475 Student Teaching: Elementary	4

**Must be taken each semester the student is enrolled in this major.

****Required only for students choosing the English as a second language concentration.

✓ Concentration: Early Childhood Education

Students in the elementary education program need to choose either the early childhood education concentration (ECE) or English as a second language concentration (ESL).

TCC Elementary Education Program Total	28 hrs.
Education (CHLD 2031, 2213, 2513)	7
Humanities Elective	3
Mathematics (MATH 2193, 2423, elective)	9
Psychology (PSYC 2023)	3
Foreign Language (1103, 1213)	6

ORU ECE Concentration	15 hrs.
ECE 212 Foundations of Early Childhood Education and Physical Development	3
ECE 303 Symbol Development and Creativity	3
ECE 313 Psychosocial Development and Guidance	3
ECE 323 Cognitive Development	3
ESL 303 TESL Principles	3

✓ Concentration: English as a Second Language

Students in the elementary education program need to choose either the early childhood education concentration (ECE) or English as a second language concentration (ESL).

TCC Elementary Education Program Total	28 hrs.
Education (CHLD 2213)	3
Humanities Elective	3
Geography (GEOG1014 lecture and lab)	4
Mathematics (MATH 2193, 2423, elective)	9
Psychology (PSYC 2023)	3
Foreign Language (1103, 1213)	6

ORU ESL Concentration	18 hrs.
ESL 303 TESL Principles	3
ESL 315 Descriptive Linguistics	3
ESL 343 TESL Methods and Materials	3
ESL 353 TESL Curriculum Design	3
ESL 393 TESL Assessment	3
ESL 413 Cross-Cultural Communication	3

Departmental Courses (Undergraduate)

Descriptions of the undergraduate courses listed below are at the end of this catalog. Course descriptions are alphabetical by the prefix.

Early Childhood Education

ECE 212	Foundations of Early Childhood Education and Physical Development
ECE 250	Infant and Toddler Development
ECE 303	Symbol Development and Creativity of the Young Child
ECE 313	Psychosocial Development and Guidance of the Young Child
ECE 323	Cognitive Development of the Young Child
ECE 999	Elective

Elementary Education

ELE 314	Reading and Language Arts
ELE 323	Children's Literature and the Library
ELE 344	Elementary Reading Methods
ELE 403	Literacy Assessment with Clinical Experience
ELE 490	Research in Elementary Education
ELE 999	Elective

English as a Second Language

ESL 303	TESL Principles
ESL 315	Descriptive Linguistics
ESL 316	Sociolinguistics
ESL 343	TESL Methods and Materials
ESL 353	TESL Curriculum Design
ESL 393	TESL Assessment
ESL 413	Cross-Cultural Communication
ESL 999	Elective

Professional Education

PED 100	Education Seminar
PED 104	Prior Learning Assessment
PED 111	Field-Based Experience (Elementary)
PED 121	Field-Based Experience (Secondary)
PED 203	Foundations and Methods of Education
PED 222	School Health Care
PED 305	Pedagogy I
PED 306	Pedagogy II
PED 313	Human Growth and Development
PED 361	Professional Education Seminar/Portfolio
PED 363	Educational Technology
PED 372	Classroom Management and Educational Law
PED 382	Educational Assessment
PED 401	Instructional Methods and Strategies: Elementary, Early Childhood, and Special Education
PED 409	Instructional Methods and Strategies: Secondary and K-12

PED 450	Student Teaching: Away
PED 465	Student Teaching: Early Childhood
PED 475	Student Teaching: Elementary
PED 485	Student Teaching: 7-9
PED 490	Directed Study
PED 495	Student Teaching: 10-12
PED 999	Elective

Special Education

SED 104	American Sign Language for Educators
SED 313	Assessment and Program Planning
SED 323	Parents and Families of Students with Special Needs
SED 352	Behavior Management Strategies
SED 353	Introduction to Special Education: Mild-Moderate Disabilities
SED 363	Effective Instruction for Students with Mild-Moderate Disabilities
SED 403	Methods, Strategies, and Techniques for Teaching Students with Mild-Moderate Disabilities
SED 423	Issues, Trends, and Curriculum Modification in Special Education
SED 999	Elective

GRADUATE EDUCATION DEPARTMENT

J. Patrick Otto, Ed.D., *Chair*

MASTER PROGRAMS

The master programs offer a master of arts in teaching (M.A.T.) and a master of education (M.Ed.) degrees and gives students a choice of one of four areas: (1) initial teaching with public school licensure, (2) initial teaching with public school alternative licensure, (3) school administration, and (4) curriculum and instruction. The coursework is specifically designed to meet the needs of the students in the given area. All of the graduate education programs are accredited by the National Council for Accreditation of Teacher Education (NCATE). The teacher/administrator programs designated for licensure or certification are accredited by the Oklahoma Commission for Teacher Preparation.

All master's degrees from the Graduate School of Education must be completed within five years.

Admission to the Program

To qualify for one of the master of arts (M.A.) or master of teaching (M.A.T.) programs, the applicant should have a baccalaureate degree with a minimum grade point average of 3.0 (on a 4.0 scale) from a regionally accredited undergraduate institution. To apply for admission, the applicant must submit the materials listed below to the Graduate School of Education for evaluation.

Degree-Seeking Students

All students seeking admission to the master of arts or master of teaching program in the Graduate School of Education must meet the following criteria:

- Application for admission including a signed Honor Code pledge and personal sketch
- \$35 application fee

- Two academic/professional recommendations
- One clergy recommendation
- Baccalaureate degree from a regionally accredited institution (official transcript from each college/university attended)
- Graduate Record Exam (GRE) score of at least 800 or Miller Analogies Test (MAT) score of at least 400
- Test of English as a Foreign Language (TOEFL) score of 550 for non-native English speakers or a 7.0 or better on the IELTS
- International applicants are required to provide an affidavit of support and bank statements verifying their ability to pay the tuition, fees, and other expenses.
- Personal essay of 300 words defining the applicant's educational and personal goals, experiences, etc.
- Grade point average of 3.0 on a 4.0 scale
- Students may transfer nine semester hours of graduate courses toward a masters degree, providing the courses are approved by the ORU Graduate School of Education.
- At the discretion of the Graduate School of Education, students possessing a baccalaureate degree may be granted conditional or probationary admission with prescribed deficiencies when any of the above criteria are not met. Students on a conditional or probationary status will not be allowed to proceed beyond 12 credit hours of work toward a degree program in the Graduate School of Education.

Non-Degree-Seeking Students

For various reasons students may choose to take courses without seeking a degree. Non-degree-seeking students may complete 12 hours of coursework before declaring a degree; otherwise coursework beyond 12 credit hours is not applicable to a degree.

Non-degree-seeking students must maintain a 3.0 GPA while in graduate school. Students desiring to change from a non-degree status to a degree program, need to reapply and meet all admissions criteria as stated above. Admission for non-degree status requires the following:

- Baccalaureate degree from a regionally accredited institution (Official transcripts must be provided.)
- Non-degree application form
- \$35 application fee

Fast-Track Program (Concurrent Undergraduate and Graduate Study)

An undergraduate student with a senior classification who needs less than a full course load for graduation may be permitted to enroll concurrently in courses applicable to the graduate program on the following basis:

- Must have completed a minimum of 90 semester hours of coursework with a minimum of 3.0 GPA
- Students are required to maintain a 3.0 in undergraduate and graduate studies in order to remain in the program.
- Students may need to complete additional admission requirements.

Fast Track allows six hours a semester for the student's undergraduate senior year. A total of 12 hours only is allowed in this program. No additional tuition is charged when total hours (undergraduate plus graduate) enrolled are between 12 and 18 hours each semester. A master of arts degree may be completed within one year after the undergraduate degree is granted.

Readmission

If students fail to take at least one course per year, they must file for readmission. Full-time students who are readmitted and are enrolled continuously until graduation must fulfill the degree requirements of the year

in which they re-enrolled. An exception may occur with changes in State of Oklahoma certification requirements. Part-time students must fulfill the degree requirements of the year of their graduation.

Enrollment and Retention

Upon admission to a graduate program in the College of Education, students meet with their advisors to complete a degree plan sheet. The degree plan and all accompanying documents should be completed during the first enrollment. The Graduate Education Student Handbook has additional information.

- A student must enroll in at least nine hours per semester to be considered a full-time student. (A course load of 4.5 to 8.5 qualifies the student as half time.)
- Students whose programs are designed for licensure/certification need to have all transcripts evaluated by an advisor.
- A graduate student in the College of Education who receives a graduate assistantship must register on a full-time basis and cannot be on probation of any type.
- Comprehensive written examinations are required of students pursuing a master of arts degree. An oral examination covering the thesis research is required of students pursuing the thesis option of the masters degree.
- Graduate students are required to maintain a 3.0 cumulative G.P.A. to remain in good standing. Students who fall below this level are placed on probation. Students whose cumulative grade point average remains below 3.0 for two consecutive semesters are subject to suspension from the program.
- All students enrolled in any of the graduate programs in the College of Education are required to develop an electronic, web-based portfolio (ePortfolio) that documents the student's progress through the degree. Specific requirements are detailed in the program handbook and the portfolio handbook.
- Grade point average of 3.0 on a 4.0 scale

Awards

The College of Education annually presents the following Outstanding Graduate Education awards:

- **Master of Education**
- **Master of Arts in Teaching**
- **Doctor of Education**

TEACHING (MATL) WITH PUBLIC SCHOOL LICENSURE Master of Arts in Teaching

This program is designed for the college graduate desiring to earn master of arts while obtaining a teaching license in a subject area at the secondary or K-12 level. Students wishing to pursue licensure at the elementary level must work with their advisors to design individual programs. Graduate students completing this degree should meet with their advisors in the Graduate School of Education, prior to meeting with content area advisors, so programs can be explained more thoroughly and so students can understand the available options.

At the beginning of the semester prior to student teaching, students must make application to the Student Teacher Program. Students should contact the Student Teacher Director for details. Application must be filed by February 15 to student teach in the fall semester of the following year and by October 15 to student teach during the spring semester. Participants in this program may be required to take leveling courses in addition to courses required for the degree. Leveling courses are

courses at the undergraduate level that help prepare students for the courses in this degree.

ORU Distinctive Courses		Credit Hours
GTHE 507	Holy Spirit in the Now	2
GHPE 503*	Graduate Health Fitness	.5-1
<i>Choice of one of the following:</i>		.5
GHPE 515	Graduate Aerobics	
GHPE 525	Graduate Walk for Fitness	
HPE	Activities course	
ORU Distinctives Total		3-3.5

*Students who completed Health Fitness I and II as undergraduates need to substitute an activities course for GHPE 503.

Professional Education		
GPED 503	History and Philosophy of Education	3
GPED 505	Pedagogy I	4
GPED 506	Pedagogy II	4
GPED 641	Instructional Methods and Strategies: Secondary and K-12	3
GPED 683	Educational Research Design	3
GCSE 643	Issues in Education	3
GCSE	Curriculum Elective	3
<i>Choice of ten hours from the following:</i>		10
GPED 685	Student Teaching: 7-9 (5 hrs.)	
GPED 695	Student Teaching: 10-12 (5 hrs.)	
GPED 650	Student Teaching Away* (10 hrs.)	
Professional Education Total		33
Degree Total		36-36.5

*The Student Teaching Away distance is defined as at least a 50-mile radius from ORU. This course has a \$1000 course fee.

TEACHING (MATA)

WITH PUBLIC SCHOOL ALTERNATIVE LICENSURE Master of Arts in Teaching

This program is designed for the college graduate desiring to earn a master of arts degree while preparing for an alternative teaching license. As each state has specific requirements for the alternative teaching license, graduate students completing this degree should meet with their advisors in the Graduate School of Education for a more thorough explanation of the available options and requirements. Participants in this program may be required to take leveling courses in addition to courses required for the degree. Leveling courses are courses at the undergraduate level that help prepare students for courses in this degree.

ORU Distinctive Courses		Credit Hours
GTHE 507	Holy Spirit in the Now	2
GHPE 503*	Graduate Health Fitness	.5-1
<i>Choice of one of the following:</i>		.5
GHPE 515	Graduate Aerobics	
GHPE 525	Graduate Walk for Fitness	
HPE	Activities course	
ORU Distinctives Total		3-3.5

*Students who completed Health Fitness I and II as undergraduates need to substitute an activities course for GHPE 503.

Professional Education		
GPED 503	History and Philosophy of Education	3
GPED 505	Pedagogy I	4

GPED 506	Pedagogy II	4
GPED 584	Internship in K-12/Secondary Education	3
GPED 641	Instructional Methods and Strategies: Secondary and K-12	3
GPED 683	Educational Research Design	3
GCSE 643	Issues in Education	3
GCSE/TESL	Electives	10

Professional Education Total 33

Degree Total 36-36.5

CURRICULUM AND INSTRUCTION (CURI)

Master of Education

This program is designed for the college graduate interested in acquiring professional skills in curriculum development. Students receive training in critical assessment of curricula, as well as skill in the development of new curricula to meet particular educational needs.

ORU Distinctive Courses		Credit Hours
GTHE 507	Holy Spirit in the Now	2
GHPE 503*	Graduate Health Fitness	.5-1
<i>Choice of one of the following:</i>		.5
GHPE 515	Graduate Aerobics	
GHPE 525	Graduate Walk for Fitness	
HPE	Activities course	

ORU Distinctives Total 3-3.5

*Students who completed Health Fitness I and II as undergraduates need to substitute an activities course for GHPE 503.

Professional Education		
GPED 503	History and Philosophy of Education	3
GPED 593	Assessment and Evaluation in Education	3
GPED 683	Educational Research Design	3
GPED 835	Advanced Theories of Learning and Brain Research	3
<i>Choice of one of the following:</i>		3
GPED 823	Group Relations/Multiculturalism	
TESL 513	Cross Cultural Communications*	

Professional Education Total 15

*With advisor approval.

Curriculum Specialization		
GCSE 533	Survey of Christian School Curriculum	3
GCSE 673	Internship (Curriculum)	3
GCSE 713	Educational Leadership and Supervision	3
GPED 504	Curriculum Theory and Policy	3
GPED 753	Curriculum Design and Instruction	3
<i>Choice of one of the following courses:</i>		3
GPED 855	Instructional Theory and Practice	
GCSE 690	Directed Study	

Curriculum Specialization Total 18

Degree Total 36-36.5

SCHOOL ADMINISTRATION (ADMS)

Master of Education

This program is designed for the college graduates interested in serving as a principal or school administrator in an elementary, middle school, or secondary setting. Students in this program choose a concentration in Christian/private education or in public education. The concentration in public schools prepares the student for Oklahoma State certification as elementary, middle school, or secondary school principal; certification is an option for the Christian/private school concentration. Students seeking State certification may not take more than eight credit hours of the degree program through correspondence and directed study combined. For Oklahoma certification, students must also pass the state examinations and meet internship and portfolio requirements.

Preparation for leadership in private Christian schools provides an in-depth study of the philosophy affecting organization and administration of schools, and extensive practical training is provided through clinical experiences.

Students choosing the concentration in public school administration become a certified elementary, middle school, or secondary principal while obtaining a master of arts degree. Courses are selected based on competencies covered on examinations for Oklahoma State certification.

ORU Distinctive Courses	Credit Hours
GTHE 507 Holy Spirit in the Now	2
GHPE 503* Graduate Health Fitness	5-1
<i>Choice of one of the following:</i>	.5
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPE Activities course	
ORU Distinctives Total	3-3.5

*Students who completed Health Fitness I and II as undergraduates need to substitute an activities course for GHPE 503.

Professional Education

GPED 503 History and Philosophy of Education*	3
GPED 683 Educational Research Design	3
GPED 723 School Finance	3
GPED 733 School Law/Legal Issues in Education	3
GPED 753 Curriculum/Instructional Design and School Services	3
Professional Education Total	15

Note: Students in this program need to choose one of the following concentrations.

■ Christian School Administration Concentration (CSAC)

GPED 593 Assessment and Evaluation in Education	3
GPED 834 Organization and Supervision of Programs for Exceptional Individuals	3
GCSE 613 Organization and Administration of Christian Schools	3
GCSE 683 Internship (Administration)	3
GCSE 684 Internship	3
GCSE 713 Educational Leadership and Supervision	3
Christian School Concentration Total	18

■ Public School Administration Concentration (PSAC)

GPED 703 Advanced Psychology of Childhood and Adolescence	3
GPED 713 Educational Leadership, Supervision, and Evaluation	3
GPED 743 Organization and Administration of Public Schools	3
GPED 763 Human Resources in Education	3
GPED 783 Internship/Practicum in Elementary School Administration	3
GPED 793 Internship/Practicum in Secondary School Administration	3
Public School Concentration Total	18
Degree Total	36-36.5

DOCTORAL PROGRAM

The Doctor of Education (Ed.D.) in Educational Leadership is designed to provide professionals in education an opportunity to refine their skills and knowledge base. The advanced graduate studies will be most beneficial to those who already possess substantial experience in teaching and administration.

The Ed.D. degree program is based on 60-credit hours of post-masters degree study, including a dissertation. The program focuses on public school administration, Christian school administration, and college and higher education administration. Within the public school administration concentration are courses and competencies that meet requirements for Oklahoma state certification for a superintendent of public schools. That program is designed in accordance with guidelines established by the Oklahoma Commission for Teacher and Administrator Preparation. Approved graduate students may pursue the state certification for the superintendency without completing the degree program or may pursue an individualized degree program without the superintendency certification. All Ed.D. degrees must be completed within seven years of the applicant's acceptance into the program.

Admission to the Program

Candidates for admission to the Ed.D. degree program are asked to submit a portfolio of items to a faculty admissions committee from the Graduate School of Education and/or other colleges and departments within the university. The following items are required to be in the candidate's portfolio:

• **Application for admission.** Doctorate in Education (Ed.D.) plus the application fee of \$35.

• **Official transcripts.** Official transcripts of all college and university academic work.

• **Four recommendations.** Three recommendation forms completed by education professionals with masters degrees or above. The recommendations reflect the probability of success in the program. A fourth recommendation needs to be completed by a member of the clergy. (The clergy recommendation is waived for ORU alumni.)

• **Three samples of written work.** Term papers, articles, or class papers to provide evidence of ability to write a dissertation. One of the samples must be a personal essay defining the student's goals and objectives and discussing why the student wants to pursue an advanced degree.

• **Test of English as a Foreign Language (TOEFL)** score of 550 for non-native English speakers or a 7.0 or better on the IELTS

• **International applicants** are required to provide an affidavit of support and bank statements verifying their ability to pay the tuition, fees, and other expenses.

In considering a candidate for admission, the faculty committee considers such items as a match of the Ed.D. program to career goals, space in the program, value-added diversity (age, gender, ethnicity, interests, talents, and geographic origin), and strength of recommendations. The committee may recommend unconditional admission, admission with specified conditions, admission on probation, or may deny admission. The admissions committee may also decide that leveling courses may be required of some applicants. (Leveling courses are courses at the undergraduate level that help prepare students for courses in the graduate degrees.)

Transfer Credit

Candidates for the Ed.D. degree may request transfer of up to 12 credit hours of post-masters degree study from other institutions (1) if the courses are appropriate to the ORU program, (2) if grades earned were 3.0 or higher, and (3) if the coursework was completed within 7 years of the date of application for admission. Transfer courses may not have been used for any other degree program.

Candidates for admission who are actively enrolled in an approved doctoral program in another regionally accredited university, who have an approved doctoral degree plan (Ed.D. or Ph.D.) on file at that university, or who are presently enrolled in or who have completed an Education Specialist (Ed.S.) degree from an approved college or university, and who desire to transfer the degree program/plan to ORU, may be considered for admission to the doctoral program. Such candidates may qualify to transfer up to 30 credit hours of coursework, provided the courses are congruent with those offered as part of the ORU Ed.D. degree program and with a provision that the final 30 credit hours, including dissertation and the doctoral core courses, are completed at Oral Roberts University.

Enrollment and Retention

Upon admission to the Ed.D. program, students meet with their advisors to prepare for the course of study. Students need to complete several requirements—in addition to the coursework—in order to continue in the doctoral program.

Course Load

The full-time load for doctoral students in the Graduate School of Education is six hours per semester while enrolled in the course-work phase of the program. Two hours per semester constitutes a full-time load when enrolled in dissertation. Students in the dissertation phase are required to enroll in a minimum of two credits for the fall and spring semesters (continuous enrollment) until their dissertation is successfully defended or the student is withdrawn from the program. The student must complete a minimum of eight dissertation credit hours.

Grade Point Average

Doctoral students are required to maintain a 3.0 cumulative GPA to remain in good standing. Students who fall below this level are placed on probation. Students whose cumulative grade point average remains below 3.0 for two consecutive semesters are subject to suspension from the program. Doctoral students must retake any doctoral core course in which they

earn any grade below a B. The Graduate School of Education handbook has additional guidelines.

Comprehensive Examinations

Comprehensive oral and written examinations are required of students pursuing the Ed.D. degree. The written examinations take place over several days. Both the oral and written examinations are scheduled by the Graduate School of Education and must be taken on campus. More information is available in the College of Education handbook.

EDUCATIONAL LEADERSHIP (EDL)

Doctor of Education

The doctor of education degree is in educational leadership. It requires 15 credit hours of doctoral core courses, 11.5 hours of dissertation block courses, and 30 hours in one of the three areas of concentration: (1) college and higher education administration, (2) Christian school administration (K-12); and (3) public school administration with superintendent certification. The Ed.D. requires a minimum of 60 credit hours of post-masters degree study, including a dissertation. Doctor of education students are expected to attend an orientation seminar at the beginning of their first year in the program.

ORU Distinctive Courses	Credit Hours
GADM 882 Holy Spirit in Education	2
GHPE 503 Graduate Health Fitness*	1
<i>Choice of two of the following:</i>	
GHPE 515 Graduate Aerobics	1
GHPE 525 Graduate Walk for Fitness	
HPE Activities course	
HPE Activities course	

ORU Distinctives Total 4

*Students who completed Health Fitness I and II as undergraduates need to substitute an activities course for GHPE 503, which may decrease the degree total by .5 credit hour.

Doctoral Core	Credit Hours
GPED 503 History and Philosophy of Education	3
GADM 700 Leadership Studies	3
GADM 701 Contemporary Curriculum Issues	3
GADM 800 Organizational Theory in Administration	3
GADM 810 Strategies for Educational Change	3
GADM 885 Internship in Educational Leadership	3
Doctoral Core Total	18

Dissertation Block	Credit Hours
<i>Choice of one of the two following courses:</i>	
GADM 870 Quantitative Research	3
GADM 875 Qualitative Research	
GADM 900 Doctoral Dissertation	8
GADM 901 Dissertation Prospectus Seminar	.5
Dissertation Block Total	11.5

Note: Students in the Ed.D. program must choose one of the following concentrations.

■ Higher Education Administration Concentration (HEAC)

This concentration is specifically designed for an experienced school educator interested in advanced study to prepare for an executive or leadership assignment in postsecondary schools, colleges, and universities.

GCSE 723 Administration of College and Higher Education	3
GCSE 724 Governance and History of College and Higher Education	3
GCSE 733 Characteristics of the Adult Learner	3
GADM 703 Comparative Education	3
GADM 835 Resource Development	3
GADM 865 Education in the Adult Lifespan	3
GADM/GCSE/GPED Electives*	9

HEAC Concentration Total 27

*With advisor approval. Students may be required to take GPED 583 and 683 if they have not taken these at the masters level.

■ Christian School Administration (K-12) Concentration (CADC)

This concentration is specifically designed for an experienced Christian school educator interested in advanced study to prepare for an executive or leadership assignment in a Christian elementary and/or secondary school.

GCSE 613 Organization and Administration of Christian Schools	3
GCSE 643 Issues in Education	3
GADM 703 Comparative Education	3
GADM 835 Resource Development	3
GADM 840 School Facility Planning	3
GADM/GCSE/GPED Electives*	9

CADC Concentration Total 27

*With advisor approval. Students may be required to take GPED 583 and 683 if they have not taken these at the masters level.

■ Public School Administration Concentration (PADC)

This concentration is specifically designed for an experienced educator interested in advanced study to prepare for administrative assignments in public or private sector educational leadership assignments or executive assignments in public, Christian, or private schools that require state certification as a superintendent of schools.

According to the Oklahoma Commission for Teacher and Administrator Preparation and the Oklahoma State Department of Education, the requirements for certification as a superintendent of schools in the State of Oklahoma are as follows:

- Hold a valid Oklahoma state teaching certificate
- Have two years of successful teaching experience in a public school
- Have two years of administrative or supervisory experience in a public school
- Hold a masters degree from a regionally accredited university
- Pass the Oklahoma Subject Area Test for Superintendents

GADM 805 The Superintendency	3
GADM 820 Superintendent's Role in Personnel Management and Evaluation	3
GADM 830 Business Management Practices in Education	3
GADM 840 School Facility Planning	3
GADM 850 Legal, Political, and Ethical Issues in Educational Administration	3
GADM 855 Instructional Theory and Practice	3
GADM/GCSE/TESL Electives*	9

PADC Concentration Total 27

Degree Total 60.5

*With advisor approval. Students may be required to take GPED 583 and 683 if they have not taken these at the master's level.

Departmental Courses (Graduate)

Course descriptions for the graduate courses listed below are at the end of this catalog. Course descriptions are alphabetical or by the prefix.

Administration

GADM 700 Leadership Studies	
GADM 701 Contemporary Curriculum Issues	
GADM 703 Comparative Education	
GADM 800 Organizational Theory in Administration	
GADM 805 The Superintendency	
GADM 810 Strategies for Educational Change	
GADM 820 Superintendent's Role in Personnel Management and Evaluation	
GADM 830 Business Management Practices in Education	
GADM 835 Resource Development	
GADM 840 School Facility Planning	
GADM 845 Administration and Supervision of Programs for Exceptional Individuals	
GADM 850 Legal, Political, and Ethical Issues in Educational Administration	
GADM 855 Instructional Theory and Practice	
GADM 860 Instructional Technologies in Education	
GADM 865 Education in the Adult Lifespan	
GADM 870 Quantitative Research	
GADM 875 Qualitative Research	
GADM 880 Practicum in International Education	
GADM 882 Holy Spirit in Education	
GADM 885 Internship in Educational Leadership	
GADM 900 Doctoral Dissertation	
GADM 901 Dissertation Prospectus Seminar	
GADM 920 Directed Study	
GADM 999 Elective	

Christian School Education

GCSE 511 Christian Worldview in the 21st Century	
GCSE 533 Survey of Christian School Curriculum	
GCSE 603 Guidance and Counseling in the Christian School Setting	
GCSE 613 Organization and Administration of Christian Schools	
GCSE 643 Issues in Education	
GCSE 673 Internship (Curriculum)	
GCSE 683 Internship (Administration)	
GCSE 684 Internship	
GCSE 690 Directed Study	
GCSE 693 Thesis	
GCSE 713 Educational Leadership and Supervision	
GCSE 723 Administration of College and Higher Education	
GCSE 724 Governance and History of College and Higher Education	
GCSE 725 Bible School Foundations	
GCSE 733 Characteristics of the Adult Learner	
GCSE 743 Curriculum Survey and Design for College and Higher Education	
GSCE 999 Elective	

Early Childhood Education

GECE 503 Foundations of Early Childhood Education	
GECE 513 Early Childhood Program Development	
GECE 523 Cognitive Development in the Young Child	
GECE 533 Motor Skills, Health, and Nutrition	
GECE 543 Guidance for the Young Child/Child and Family in the Social Context	
GECE 552 Creative Arts and the Young Child	
GECE 563 Language and Literacy Development	
GECE 583 Directed Study	
GECE 999 Elective	

Graduate Professional Education

GPED 502	Health Care for Education Majors	TESL 553	TESL Curriculum Design
GPED 503	History and Philosophy of Education	TESL 563	TESL Internship
GPED 504	Curriculum Theory and Practice	TESL 593	TESL Assessment
GPED 505	Pedagogy I	TESL 633	Literature in the ESL Context
GPED 506	Pedagogy II	TESL 690	Directed Study
GPED 513	Human Growth and Development	TESL 999	Elective
GPED 533	Advanced Educational Psychology		
GPED 563	Educational Technology		
GPED 571	Professional Education Seminar/Portfolio		
GPED 572	Classroom Management and Educational Law		
GPED 582	Educational Assessment		
GPED 583	Statistical Research Methods		
GPED 584	Internship in K-12/Secondary Education		
GPED 593	Assessment and Evaluation in Education		
GPED 650	Student Teaching: Away		
GPED 665	Student Teaching: Early Childhood		
GPED 670	Early Childhood Internship		
GPED 675	Student Teaching: Elementary		
GPED 683	Educational Research Design		
GPED 685	Student Teaching: 7-9		
GPED 690	Directed Study		
GPED 693	Thesis		
GPED 695	Student Teaching: 10-12		
GPED 703	Advanced Psychology of Childhood and Adolescence		
GPED 713	Educational Leadership, Supervision, and Evaluation		
GPED 723	School Finance		
GPED 733	School Law/Legal Issues in Education		
GPED 743	Organization and Administration of Public Schools		
GPED 753	Curriculum/Instructional Design and School Services		
GPED 763	Human Resources in Education		
GPED 773	School Public Relations		
GPED 783	Internship/Practicum in Elementary School Administration		
GPED 793	Internship/Practicum in Secondary Administration		
GPED 803	Guidance and Counseling for Elementary School		
GPED 813	Guidance and Counseling for Secondary School		
GPED 823	Group Relations/Multicultural Education		
GPED 834	Organization and Supervision of Programs for Exceptional Individuals		
GPED 835	Advanced Theories of Learning and Brain Research		
GPED 855	Instructional Theory and Practice		
GPED 999	Elective		

Graduate Special Education

GSED 523	Parent and Families of Students with Special Needs
GSED 553	Introduction to Special Education: Mild-Moderate Disabilities
GSED 563	Effective Instruction for Students with Mild-Moderate Disabilities
GSED 613	Assessment and Program Planning
GSED 623	Issues, Trends, and Curriculum Modification in Special Education
GSED 652	Behavior Management Strategies
GSED 999	Elective

Teaching English as a Second Language

TESL 503	TESL Principles
TESL 513	Cross-Cultural Communication
TESL 515	Descriptive Linguistics
TESL 516	Sociolinguistics
TESL 518	TESL Seminar
TESL 543	TESL Methods and Materials

ANNA VAUGHN COLLEGE OF NURSING

Kenda Jezek, Ph.D., Dean

MISSION STATEMENT: The mission of the Anna Vaughn College of Nursing is to prepare professionally competent graduates—whole in spirit, mind, and body—who go into every person's world to address physical, psychosocial, and spiritual health of individuals, families, communities, and populations through the ministry of nursing.

FACULTY

Lenore Butay.....Instructor
B.S., Grinnell College, 1975; B.S.N., Creighton University, 1978; M.S., University of Oklahoma, 1999.

Patricia Ann Catts.....Assistant Professor
B.S.N., Oral Roberts University, 1980; M.S.N., University of Pittsburg, 1984; Ph.D., Texas Woman's University, 2002.

Laurie Doerner.....Assistant Professor
B.S.N., Oral Roberts University, 1979; M.S.N., 1987.

Kenda K. Jezek.....Professor and Dean
B.S., Oklahoma Baptist University, 1967; M.S., University of Oklahoma, 1978; Ph.D., University of Texas, 1993.

Rebecca S. Poore.....Assistant Professor
B.S., Olivet Nazarene University, 1977; B.S., Northeastern State University, 1989; M.S., Graceland University, 2006.

Pam Shipley.....Assistant Professor
B.S., University of Tulsa, 1978; M.S., University of Oklahoma, 1985.

Cheryl Swanson.....Assistant Professor
B.S.N., Oral Roberts University, 1987; M.S., University of Oklahoma, 2007.

Audrey Thompson.....Assistant Professor
B.S.N., University of Oklahoma, 1989; M.S.N., Oral Roberts University, 1994; Ph.D., Texas Women's University, 2010.

OVERVIEW

The Anna Vaughn College of Nursing (AVCON) offers a generic baccalaureate program for persons initiating entry to the nursing profession and an ADN-BSN professional progression program for those persons already licensed as registered nurses who are seeking a baccalaureate degree in nursing.

Overall program goals include preparation of a graduate who demonstrates excellence in nursing practice based on current theory and research; has acquired the basic competencies for ongoing education, formal or informal; and is prepared to successfully write the RN-NCLEX exam for licensure as a registered nurse. Exploratory students who are interested in nursing should seek advisement within the College of Nursing.

Students with a nursing degree from the AVCON will find that there are great opportunities such as high job availability and career advancement. The AVCON educational experience thoroughly prepares the student for graduate courses if the student so desires.

CURRICULUM OBJECTIVES

Upon completion of the BSN curriculum, the graduate will be able to do the following:

1. Synthesize knowledge of liberal arts, sciences, theories, and concepts to provide safe, evidence-based, and professional nursing.
2. Assume responsibility for the delivery of direct, delegated, and wholistic nursing care across the life span of diverse individuals, families, communities, and populations.
3. Utilize evidence-based practice and nursing standards to prevent illness and to promote, maintain, and restore health in a variety of settings.
4. Implement a professional, culturally appropriate communication style in the delivery of patient care, education, and collaboration with the health care team.
5. Apply current knowledge of health care policy and use of resources in the plan and delivery of safe, fiscally responsible nursing care.
6. Utilize information technology in communication, quality improvement, and research in the delivery and management of health care.
7. Integrate Christian principles, respect of the individual, ethical behavior, evidence-based practice, cultural awareness, and collaboration into professional nursing practice.
8. Develop a personal leadership style that fosters his or her quest for wholeness through ongoing personal and professional development.

REQUIREMENTS AND POLICIES

The ORU *AVCON Student Handbook* contains a complete list of the College of Nursing policies.

APPLICATION

To attend the College of Nursing, students must first apply for admission to the university. The application is available from the Admissions Office. Applicants seeking acceptance as a nursing major must meet criteria designated by the College of Nursing. Predictors of academic success include ACT/SAT scores and/or GPAs in ORU or transfer courses, particularly the science courses prerequisite to the major.

Students who have not completed a high school biology course with a grade of "C" or better must enroll in BIO 111 prior to enrolling in anatomy and physiology or microbiology.

A nursing-faculty committee reviews academic qualifications of nursing major candidates prior to admission to the first clinical nursing course (NUR 202). Formal admission to the nursing major by the committee is required before enrolling in the upper-division nursing courses (fall, junior year).

Candidates are accepted for enrollment in NUR 202 if they have completed the following:

1. Passed NUR 200, 230, and 300 with no grade below a "C."
2. Presented an academic record demonstrating that the student can realistically achieve academic requirements for admission to upper-division nursing courses prior to the fall semester.
3. Achieved acceptable scores on ATI T.E.A.S. (Test of Essential Academic Skills—reading, English, math, and science).
4. Submitted evidence of current immunizations and tuberculin testing.
5. Submitted a physician's statement of good health within two months prior to spring semester of the sophomore year.
6. Presented evidence of current CPR training. CPR training must be the American Heart Association Basic Life Support for Health Care Professionals

Students for whom English is a second language must take the TOEFL (Test of English as a Foreign Language) and present a score of at least 550.

Students transferring into nursing at ORU must have an ACT composite score of 21 or higher, or a combined math and verbal SAT score of 1000 or more, or a transfer cumulative GPA of at least 3.3. Preferably the cumulative GPA includes prerequisite course grades.

CONTINUATION IN THE PROGRAM

Once admitted into the Nursing Program at ORU, students need to maintain a specified grade point average (GPA) and meet other general education and nursing requirements. Students need to consult with their advisors and keep informed about policies and requirements. It is recommended that courses be taken sequentially as presented on the degree plan; however, in some cases it is necessary to deviate from the sequence of courses projected on the degree plan sheet.

General Education

Students must have completed the general requirements specified in the nursing degree plan for the freshman and sophomore years prior to admission to upper-division nursing courses. The sequence of general education courses may require modification for transfer students. Changes in sequence must be approved by the faculty advisor and/or dean.

- It is recommended that HUM 101 be taken before the humanities electives are taken.
- Except for when enrolled in Health Fitness I and II, students need to take an HPE activity course every semester of full-time enrollment.
- COMP 303 Critical Reading and Writing must be completed before semester 6. COMP 303 is scheduled to be taken in semester 5, the fall semester of the junior year.
- All general education courses must be completed before semester 7.
- Students may enroll in online courses prior to the senior year only with special permission of the Dean of the College of Nursing.

Nursing Courses

- Prerequisite courses must be completed prior to enrollment in the upper-division, junior/senior level courses.
- Immunizations, tuberculosis screening, and CPR training must be current throughout enrollment in clinical nursing courses.

Grade Point Averages

Students must maintain a GPA of 2.50 or above in the major, the prerequisites, and the cumulative GPA and must not have any grade below a "C" in nursing courses. Students whose nursing GPA is below 2.50 at the end of the first semester of clinical nursing courses (spring semester of the sophomore year) are placed on academic probation, and if a student is placed on academic probation in the process of earning the degree, one semester is allowed to restore the cumulative or nursing GPA of 2.5.

Students may repeat a professional nursing course only with permission. A prerequisite course may not be repeated more than once to achieve a grade of "C."

COURSE LOAD

The average course load in the bachelor of science in nursing program is 17 credit hours each semester. Students may reduce the number of credit hours of non-nursing courses required during the regular academic year by taking courses during summer sessions or online. Students must have the college dean's permission to enroll in summer online courses prior to the senior year.

The general policy for incompletes is discussed in the Academic Information section of this catalog. Nursing courses must be completed before students can continue the nursing sequence.

BACKGROUND CHECKS

The Oklahoma Board of Nursing requires that an applicant for a license to practice as a registered nurse shall submit to a criminal history records search conducted by the Oklahoma State Bureau of Investigation not less than three months prior to application.

Some clinical experiences for nursing students are held in childcare facilities licensed by the Oklahoma Department of Human Services. Oklahoma statutes state the following:

1. "Every childcare facility shall arrange, prior to employment, for a criminal history records search to be conducted by the Oklahoma State Bureau of Investigation for any person to be employed by the childcare facility" (10-404.1.A.2.a.).
2. "If an employee or contract employee of the childcare facility, or the contractor of the childcare facility has resided in Oklahoma for less than one (1) year, the criminal history records search shall also be obtained from such person's previous state of residence" (10-404.1.A.4b).

Some clinical agencies that provide children's services require that nursing students undergo criminal background checks. It is anticipated that more agencies will begin to apply the state statutes to nursing students.

Therefore, criminal background checks are conducted on all nursing students upon admission to the first clinical nursing course. Findings are filed with the university Office of Risk Management and confidentiality maintained. No student will be denied admission based on findings of the background check. However, a student needs to be aware that he or she may be denied participation in clinical learning experiences at some clinical agencies, precluding the student's achievement of course objectives essential to program completion.

Clinical agencies also require drug screening for students participating in on-site clinical experiences. Therefore, each student must undergo a drug screening prior to admission to NUR 202 Foundations of Nursing, the first clinical nursing course.

EXPENSES

The cost of undergraduate education includes tuition, room and board, and general fees—all of which are covered in the "Tuition and General Fees" section of this catalog. A lab fee of \$225 for students in NUR 202, 305, 307, 406, and 430 covers background checks, drug screenings, sim lab supplies, malpractice insurance, and ATI testing fees. Additional expenses include books, supplies, uniforms, immunizations, annual CPR training, travel to and from clinicals, and personal expenses. Other costs specific to the nursing program are delineated in the annual ORU College of Nursing student handbook.

NCLEX-RN EXAMINATION AND LICENSURE FOR ELIGIBILITY IN OKLAHOMA

The Oral Roberts University Anna Vaughn College of Nursing is approved by the Oklahoma Board of Nursing. Graduates of this state-approved program are eligible to apply to write the National Council Licensure Examination (NCLEX) for registered nurses. Applicants for Oklahoma licensure must meet all state and federal requirements to hold an Oklahoma license to practice nursing. In addition to completing a state-approved nursing education program that meets educational requirements and successfully passing the licensure examination, requirements include submission of an application for licensure, a criminal history records search, and evidence of citizenship or qualified alien status. To be granted a license, an applicant must have the legal right to reside in the United States (United States Code Chapter 8, Section 1621). In addition, Oklahoma law only allows a license to be issued to U.S. citizens, U.S. nationals, and legal permanent resident aliens. Other qualified aliens may be issued a temporary license that is valid until the expiration of their visa status, or if there is no expiration date, for one year. Applicants who are qualified aliens must present, in person, valid documentary evidence of the following:

1. A valid, unexpired immigrant or non-immigrant visa status for admission into the United States;
2. A pending or approved application for asylum in the United States;
3. Admission into the United States in refugee status;
4. A pending or approved application for temporary protected status in the United States;
5. Approved deferred action status; or
6. A pending application for adjustment of status to legal permanent resident status or conditional resident status.

The Board has the right to deny a license to an individual with a history of criminal background, disciplinary action on another health-related license or certification, or judicial declaration of mental incompetence [59 O.S. §567.8]. These cases are considered on an individual basis at the time application for licensure is made, with the exception of felony charges. An individual with a felony conviction cannot apply for licensure for at least five years after completion of all sentencing terms, including probation and suspended sentences, unless a presidential or gubernatorial pardon is received [59 O.S. §567.5 & 567.6].

Questions regarding this policy should be directed to the Oklahoma Board of Nursing.

Oklahoma Board of Nursing
2915 N. Classen Blvd., Suite 524
Oklahoma City, OK 73106
(405) 962-1800

CLUBS AND ORGANIZATIONS

Students Nurses Association. The Oklahoma National Student Nurses Association supports and furthers the nursing students education.

Honor Society. Mu Iota chapter of Sigma Theta Tau, an international honor society for nursing students, exists to (1) recognize superior achievement, (2) recognize the development of leadership qualities, (3) foster high professional standards, (4) encourage creative work, and (5) strengthen commitment to the ideals and purposes of the profession.

Eligibility for membership is based upon outstanding scholastic achievement, superior professional accomplishments, and personal and professional commitment to excellence in nursing education, practice, and research.

AWARDS AND SCHOLARSHIPS

Outstanding Nursing Student. Each year the nursing college honors a student who exemplifies outstanding qualities.

Outstanding Senior Paper. Each year the nursing college recognizes a senior student who exemplifies excellence in scholarship as evidenced by the student's senior paper.

Scholarships. Scholarships are available for nursing majors. Students should contact the College of Nursing at extension x6198 for further information.

NURSING MAJOR (NUR)

Bachelor of Science in Nursing

Nursing students who satisfactorily complete the four-year sequence of courses earn a Bachelor of Science in Nursing at Oral Roberts University. General education courses assist students in developing as unique individuals—body, mind, and spirit. The degree plan consists of three elements: a liberal arts/general education core (55 credit hours); prerequisite courses required for the major (25 credit hours, including 11 hours from the liberal arts core); and professional nursing courses (61 credit hours).

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Chemistry (CHE 101 Lecture and Lab)	4
Microbiology (BIO 212 Lecture and Lab)	4
Psychology (PSY 201)	3
Mathematics (MAT 232)	3

American History (HIS 101)	3
American Government (GOV 101)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5
General Education Total	55

*At least one course must be chosen from list courses marked with asterisks.

Prerequisite Courses for Nursing

Chemistry (CHE 101 Lecture and Lab) (listed in general education)	
Principles of Microbiology (BIO 212 Lecture and Lab) (listed in general education)	
Introduction to Psychology (PSY 201) (listed in general education)	
Developmental Psychology (PSY 301)	3
Nutrition (NUT 201)	3
Human Anatomy and Physiology (PHS 223 and PHS 224 Lectures and Labs)	8

Prerequisites Total 14

Professional Nursing Courses

NUR 200 Called to Care	3
NUR 202 Foundations of Nursing	5
NUR 230 Pathophysiology I	3
NUR 300 Health Assessment I	3
NUR 301 Pharmacotherapeutics I	3
NUR 304 Community Mental Health Nursing	4
NUR 305 Patterns of Health and Illness I	4
NUR 307 Patterns of Health and Illness II	4
NUR 400 Patterns of Health and Illness III	4
NUR 403 Patterns of Community Health	4
NUR 405 Patterns of Leadership	6
NUR 406 Patterns of Health and Illness IV	6
NUR 430 Patterns of Childbearing	4
NUR 477 NCLEX-RN Review	2
NUR 498 Research/Senior Paper I*	2
NUR 499 Research/Senior Paper II*	2

Professional Nursing Total 62

Degree Total 131

*May be replaced with the honors equivalents.

ADN TO BSN CAREER MOBILITY PROGRAM

This program is designed to assist the registered nurse with an associate degree in nursing (ADN) to obtain a bachelor of science in nursing (BSN). Emphasis is on professional nursing as a ministry in meeting physical, psychosocial, and spiritual needs of individuals, families, and communities.

Admission Criteria

A candidate for this program must do the following:

- Meet the requirements for admission to ORU.
- Be a graduate of NLN accredited ADN programs.
- Have a cumulative associate level GPA of 2.50 on a 4.0 scale with no less than "C" in nursing or prerequisite courses.
- Be currently licensed in Oklahoma as an RN.
- Provide proof of professional liability insurance.

Degree Requirements

ADN students who have met the criteria for admission are awarded the following 32 semester hours of nursing credit:

Advanced Placement	Credit Hours
NUR 200 Called to Care	3
NUR 202 Foundations of Nursing	5
NUR 230 Pathophysiology I	3
NUR 300 Health Assessment I*	3
NUR 301 Pharmacotherapeutics I*	3
NUR 304 Community Mental Health Nursing	4
NUR 305 Patterns of Health and Illness I	4
NUR 307 Patterns of Health and Illness II	7

Advanced Placement Total 32

*Credit is awarded if a comparable course is evident on transcript.

The following general education and prerequisite courses must be completed prior to progression to the professional nursing courses.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110,120)	6
Theology (THE 103)	3
Chemistry (CHE 101 lecture and lab)	4
Microbiology (BIO 212 lecture and lab)	4
Psychology (PSY 201)	3
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	3

General Education Total 53

*At least one course must be chosen from list courses with asterisks.

Prerequisite Courses for Nursing

Chemistry (CHE 101 lecture and lab) (listed in general education)	
Principles of Microbiology (BIO 212 lecture and lab) (listed in general education)	
Introduction to Psychology (PSY 201) (listed in general education)	
Developmental Psychology (PSY 301)	3
Human Anatomy and Physiology (PHS 223 and PHS 224 lectures and labs)	8
Nutrition (NUT 201)	3

Prerequisites Total 14

ADN students are required to enroll in the following 30 credits of nursing courses:

Professional Nursing Courses	Credit Hours
NUR 403 Patterns of Community Health Nursing	4
NUR 405 Patterns of Leadership	6

NUR 430 Patterns of Childbearing	4
NUR 440 Pathophysiology II	3
NUR 450 Health Assessment II	3
NUR 460 Pharmacotherapeutics II	3
NUT 479 Special Topics	3
NUR 498 Research/Senior Paper I* ^	2
NUR 499 Research/Senior Paper II*	2

Professional Nursing Total 30

Degree Total 128

*May be replaced with the honors equivalents.

^Offered spring semester prior to admission.

TRANSFERRING TO ORU WITH AN A.S. DEGREE

(FROM TULSA COMMUNITY COLLEGE)

An articulation agreement between Tulsa Community College (TCC) and ORU has been developed to assist students having an associate's degree in nursing (ADN) from TCC to obtain a bachelor of science degree in nursing (BSN) at ORU. This agreement allows students from TCC to transfer to ORU and receive the maximum allowable credit towards a bachelor's degree. Additional information is available in the admissions section of this catalog.

Degree Requirements

Students transferring an ADN from TCC and pursuing a bachelor's degree in nursing at ORU need to take the courses as indicated in the following degree plan, including the following TCC general education courses.

B.S. Degree in Nursing

Students seeking an associate's degree in nursing from TCC and a bachelor's degree in nursing from ORU take courses and earn credit hours in the following areas:

TCC Associate's Degree Total 72 hrs.

- TCC general education (38 hrs.)
- TCC nursing program (34 hrs.)

ORU Total 59 hrs.

- ORU general education courses (30 hrs.)
- ORU nursing major (29 hrs.)

TCC-ORU Bachelor's Degree Total 131 hrs.

The specific courses needed to complete an associate's degree in nursing from TCC and a bachelor's degree in nursing from ORU are as follows:

TCC General Education	Credit Hours
Freshman Composition (ENGL 1113, 1213)	6
Chemistry (CHEM 1114)	4
US History (HIST 1483 OR 1493)	3
American Government (POLS 1113)	3
Biology (BIOL 1224, 2134, 2154, 2164)	16
Social Sciences (PSYC 1113, 2023)	6

TCC General Education Total 38 hrs.

TCC Nursing Program 34 hrs.

Nursing (NUR 1401, 1421, 1431, 1446, 1457, 2423, 2433, 2453, 2512, 2543, 2564)

ORU General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
Oral Communication (COM 101)	3

English (COMP 303)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Mathematics (MAT 232)	3
Humanities (Choice of three from HUM 101, 222, 233, 244, 301, 333)	9
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	3
ORU Nursing Major Total	29 hrs.
NUT 201 Nutrition	3
NUR 403 Patterns of Community Health Nursing	4
NUR 405 Patterns of Leadership	6
NUR 440 Pathophysiology II	3
NUR 450 Health Assessment II	3
NUR 460 Pharmacotherapeutics II	3
NUR 479 Special Topics	3
NUR 498/499 Research/Senior Paper I and II	4

Departmental Courses

Course descriptions for the courses listed below are at the end of this catalog. Course descriptions are alphabetical by the prefix.

Nursing

NUR 200	Called to Care
NUR 202	Foundations of Nursing
NUR 230	Pathophysiology I
NUR 300	Health Assessment I
NUR 301	Pharmacotherapeutics I
NUR 304	Community Mental Health Nursing
NUR 305	Patterns of Health and Illness I
NUR 307	Patterns of Health and Illness II
NUR 400	Patterns of Health and Illness III
NUR 403	Patterns of Community Health Nursing
NUR 405	Patterns of Leadership
NUR 406	Patterns of Health and Illness IV
NUR 430	Patterns of Childbearing
NUR 440	Pathophysiology II
NUR 450	Health Assessment II
NUR 460	Pharmacotherapeutics II
NUR 477	NCLEX-RN Review
NUR 479	Special Topics
NUR 498	Research/Senior Paper I
NUR 499	Research/Senior Paper II
NUR 999	Elective

Nutrition

NUT 201	Nutrition
NUT 999	Elective

COLLEGE OF SCIENCE AND ENGINEERING

Dominic Halsmer, P.E., Ph.D., Dean

MISSION STATEMENT: The College of Science and Engineering at Oral Roberts University trains and equips students in the discovery and application of scientific knowledge for the glory of God and the advancement of His kingdom. Students develop professional competencies in scientific understanding and problem solving skills from a Christian worldview. These tools allow them to respond to God's call to positively impact the fields of science and engineering and assist in the healing of the human condition.

FACULTY

Lois Ablin.....Associate Professor of Chemistry
B.A., Augustana College, 1961; Ph.D., University of Nebraska, 1970.

Robin Akbar.....Assistant Professor of Physics
B.S., University of Punjab, 1964; M.S., 1967.

Rachel Budavich.....Instructor of Biology
B.S., Oral Roberts University, 2004; M.A., Case Western Reserve, 2008.

Robert Canada.....Assistant Professor of Health, Physical Education, and Recreation
B.S., Memphis State University, 1968; M.Ed., 1973.

William B. Collier.....Professor of Chemistry
B.S., Oral Roberts University, 1977; M.S., Oklahoma State University, 1981; Ph.D., 1983.

Vincent Dimiceli.....Associate Professor of Mathematics
B.S., Lamar University, 1986; M.S., Texas A&M University, 1989; Ph.D., 1999.

Tony Domeck.....Instructor of Health, Physical Education, and Recreation
B.S., University of Idaho, 1986; M.B.A., Embry Riddle University, 1989.

Calvin H. Easterling.....Professor of Sociology
B.A., McMurry University, 1972; M.A., Stephen F. Austin State University, 1974; M.Th., Southern Methodist University, 1978; Ph.D., University of North Texas, 1992.

Dave R. Eland.....Professor of Computer Science
B.S., Oral Roberts University, 1969; M.S., University of Tulsa, 1971; Ph.D., University of Illinois, 1975.

Lanny R. Endicott.....Associate Professor of Social Work
B.S., Southwest Missouri State University, 1966; M.R.E., Southwestern Baptist Theological Seminary, 1971; M.S.S.W., University of Missouri, 1971; D.Min., Midwestern Baptist Theological Seminary, 1988.

Ralph Fagin.....Professor of Sociology and Provost
B.A., Oral Roberts University, 1970; M.S., Oklahoma State University, 1972; Ph.D., 1974.

Randall Feller.....Professor of Psychology, and Chair of the Behavioral Sciences Department
B.M.E., Oral Roberts University, 1981; M.S., Oklahoma State University, 1987; Ph.D., 1991.

Joel Gaikwad.....Associate Professor of Biology
B.S., University of Poona, 1981; M.S., 1983; Ph.D., Indian Institute of Science, 1991.

Bill Gordon.....Associate Professor of Health, Physical Education, and Recreation
B.S.E. John Brown University, 1982; M.Ed., University of Central Oklahoma, 1995; Ed.D., Oral Roberts University, 2004.

Elena G. Gregg.....Assistant Professor of Engineering
B.S., St. Petersburg State University, 1977; M.S., 1980; Ph.D., State Optical Institute of St. Petersburg, 1995.

Dominic M. Halsmer.....Professor of Engineering and Dean of the College of Science and Engineering
B.S., Purdue University, 1985; M.S., 1986; Ph.D., University of California, 1992; P.E., 1995.

Roger D. Hartman.....Professor of Physics
A.B., William Jewell College, 1958; M.S., University of Arkansas, 1960; Ph.D., Oklahoma State University, 1967.

Stephen Herr.....Professor of Physical and Environmental Science
B.S., Juniata College, 1967; M.S., University of Iowa, 1971; Ph.D., Oklahoma State University, 1991.

Fritz Huber.....Associate Professor of Health, Physical Education, and Recreation; and Chair of the Health, Physical Education, and Recreation Department
B.Ed., University of Toledo, 1978; M.S., University of Oklahoma, 1985; Ed.D., University of Northern Colorado, 1991.

Scarlet Johnson.....Assistant Professor of Health, Physical Education, and Recreation
B.S., Illinois State University, 1975; M.S., Western Illinois University, 1982.

Robert Kiel.....Assistant Professor of Social Work
B.A., Oral Roberts University, 1989; M.S.W., Marywood College, 1990.

Catherine Klehm.....Associate Professor of Chemistry
B.S., Oral Roberts University, 1990; M.Ed., Northeastern State University, 1992; Ed.D., Oklahoma State University, 2001.

John Korstad.....Professor of Biology
B.A., B.S., California Lutheran College, 1972; M.S., California State University, 1980; M.S., University of Michigan, 1979; Ph.D., 1980.

Andrew Lang.....Professor of Mathematics
B.S., University of Kent, 1991; M.S., University of Tulsa, 1993; Ph.D., University of Missouri, 1998.

Robert Leland.....Professor of Engineering and Physics
B.S., Massachusetts Institute of Technology, 1978; M.S.E., University of California, 1982; Ph.D., 1988.

Sophie Xiao Fan Liu.....Professor of Engineering
B.S., Sichuan University, 1982; M. Eng., Xidian University, 1992; Ph.D., National University of Singapore, 1997.

Leighanne Locke.....Assistant Professor of Mathematics
B.S., Oral Roberts University, 1997; M.A., University of Tulsa, 1999.

Xiaomin Ma.....Associate Professor of Engineering and Physics
B.S., Anhui University, 1984; M.S., Beijing University of Aerospace and Aeronautics, 1989; Ph.D. Beijing University of Posts and Telecommunications, 1999.

Nancy Mankin.....Assistant Professor of Health, Physical Education, and Recreation
B.S., Central State University, 1980; M.Ed., 1993.

John Matsson.....Professor of Engineering and Chair of the Engineering, Computer Science, Physics, and Mathematics Department
M.S.E., Royal Institute of Technology, Sweden, 1988; L.E., 1991; Ph.D., 1994.

Judith Mayton.....Assistant Professor of Sociology
B.A., University of Southern Mississippi, 1965; M.S., Northeastern State University, 1988.

Alick Musukuma.....Instructor of Health, Physical Education, and Recreation
B.S., Oklahoma Baptist University, 1996; M.A., Oral Roberts University, 1999.

Sarah E. Myer.....Assistant Professor of Biology
B.A., Oral Roberts University, 1994; M.Ed., 1995; Ph.D., Oklahoma State University, 2007.

Kenneth Preston.....Associate Professor of Computer Science
B.S., University of Central Oklahoma, 1973; M.B.A. Phillips University, 1978; Ed.D., Oklahoma State University, 1993.

Hal Reed.....Professor of Biology and Chair of the Biology and Chemistry Department
B.S., Oral Roberts University, 1975; M.S., Texas A&M University, 1978; Ph.D., Washington State University, 1982.

Gary L. Ritzhaupt.....Assistant Professor of Chemistry
B.S., Ohio University, 1966; M.S., Oklahoma State University, 1971.

Richard N. Seaman.....Associate Professor of Biology
B.S., Colorado State University, 1968; Ph.D., 1975.

Connie Sjoberg.....Associate Professor of Psychology
B.A., Oral Roberts University, 1977; M.S. Oklahoma State University, 1990; Ph.D., 1999.

Glenn Smith.....Instructor of Health, Physical Education, and Recreation
B.S., Oklahoma State University, 1970; M.S., 1971.

Debra Olson Sowell.....Professor of Mathematics and Vice President for Academic Affairs
B.A., University of South Dakota, 1971; M.A.T., University of Nebraska, 1975; Ph.D., Oklahoma State University, 1996.

Bob Steward.....Instructor of Mathematics
B.S., Northeastern State University, 1966; M.S., University of Notre Dame, 1971.

Robert C. Stewart.....Professor of Chemistry
B.Sc., Eastern Nazarene College, 1971; M.A., Oral Roberts University, 2006; M.S., John Hopkins University, 1975; Ph.D., 1976.

Patti Techanchuk.....Instructor of Health, Physical Education, and Recreation
B.S., Oral Roberts University, 1975; M.Ed., 1997.

George X. Thyvelikath.....Professor of Chemistry
B.S., S.H. College, University of Kerala, 1965; M.S., University of Southwestern Louisiana, 1971; Ph.D., Oklahoma State University, 1975.

Chene Tucker.....Associate Professor of Social Work
B.A., Oral Roberts University, 1981; M.S.W., University of Oklahoma, 1985.

Suzanne Vincent.....Associate Professor of Biology
B.A., University of California, 1970; M.A., San Francisco State University, 1975; Ph.D., University of Washington, 1982.

Andrea Walker.....Associate Professor of Psychology
B.S., Oral Roberts University, 1993; M.S., Southern Nazarene University, 1995; Ph.D., Oklahoma State University, 2002.

Daniel V. Ward.....Instructor of Computer Science and Mathematics
B.S., Oklahoma College of Liberal Arts, 1971; B.S., Langston University, 1989; M.Ed., Southwestern State University, 1974.

Kenneth M. Weed.....Professor of Chemistry
B.S., Oral Roberts University, 1986; M.A., San Diego State University, 1991; Ph.D., University of California, 1993.

Teresa Williams.....Assistant Professor of Mathematics
B.S., Howard University, 1968; M.A., University of Wisconsin, 1978; Ph.D., University of Iowa, 1989.

Daobin Zhang.....Associate Professor of Engineering
Dipl., Shenyang Polytechnic University, 1970; M.E., Katholieke Universiteit Leuven, 1986; Ph.D., 1990.

Learning Resources Faculty

Myra Bloom.....Assistant Professor and Reference Librarian, Bibliographical Instruction
B.A., Oral Roberts University, 1995; M.L.I.S., University of Oklahoma, 1998; M.A., Oral Roberts University, 1998.

Even A. Culp.....Professor of Communication Arts and Director of Faculty Excellence
B.S., Florida State University, 1974; M.S., 1975; Ed.D., University of Tulsa, 1987.

Donald R. Eland.....Assistant Professor of Communication Arts/New Media and Senior Multi-Media Producer
B.A., Oral Roberts University, 1975; M.A., University of Tulsa, 1976.

Dana L. Higeons.....Instructor and Head Cataloger/Library Technical and Computer Services
B.A., Phillips University, 1979; M.L.I.S., University of Oklahoma, 1992.

William W. Jernigan.....Associate Professor and Dean
A.B., Trevecca Nazarene College, 1957; B.D., Nazarene
Seminary, 1960; M.A., George Peabody College, 1961; Ed.D.,
University of Tulsa, 1972.

Jane Malcolm.....Assistant Professor
and Assistant Director of Library Public Services
B.L.A., Oral Roberts University, 1978; M.L.S., Emporia State
University, 1979.

Judith Rigby.....Instructor
and Acquisitions/Internet Librarian
B.A., Western State College of Colorado, 1968; M.L.I.S.,
University of Oklahoma, 1994.

Mark Roberts.....Associate Professor
and Director of the Holy Spirit Research Center
B.A., Mississippi College, 1982; M.A., Ohio State University,
1984; M.A., Vanderbilt University, 1995; Ph.D., 2002.

Sally Jo Shelton.....Assistant Professor
and Library Information/Faculty Facilitator
B.A., Oral Roberts University, 1971; M.L.I.S., University of
Oklahoma, 1995; M.A., Oral Roberts University, 2004.

EMERITI FACULTY

Dr. LaVoy Hatchet, 1965-1995
Dr. C. Thomas Luiskutty, 1980-2005
Dr. Hubert E. May, 1967-1996
Dr. John Nelson, 1971-2004
Dr. John E. Norvell, III, 1976-1998
Dr. Verbal Snook, 1965-1997
Dr. L. Duane Thurman, 1967-1998
Nina Tucker, 1989-2008
Dr. Larry D. Walker, 1970-2007.
Dr. Nate Meleen, 1967-2010

BEHAVIORAL SCIENCES DEPARTMENT

Randall Feller, Ph.D., *Chair*

MISSION STATEMENT: Through its programs, the Behavioral Sciences Department seeks to equip students to compete academically with any comparably educated student from any American college or university. This goal is reached, however, by teaching psychology, social work, and sociology from a distinctly Christian frame of reference. The department's official position is that to know something (e.g., a theory, system of beliefs, etc.) is not necessarily to adopt that knowledge as part of one's own value system. A lack of knowledge preempts one's right to challenge, refute, or otherwise deny any belief system with which one claims to disagree. Therefore, the department is committed to equip students to be knowledgeable as defined by the three professions (psychology, sociology, social work) while providing a strong Christian framework with which to evaluate theories, techniques, and beliefs. This allows the department to graduate students who are academically informed, yet Biblically sound.

Overview

The Behavioral Sciences Department focuses on human behavior, social structure, and relationships in groups, organizations, and community life. The department offers majors and minors in these areas and has articulation agreements with Tulsa Community College and the University of Oklahoma Graduate School of Social Work for easier transferring to and from those schools and ORU.

The social work program at Oral Roberts University is a professional degree program accredited by the Council on Social Work Education (CSWE).

GENERAL EDUCATION COURSES

The Behavioral Sciences Department contributes to the general education courses that all undergraduate students take. As part of the social sciences requirement of general education, the Behavioral Sciences Department offers five options for fulfilling the social sciences elective: PSY 201 Principles of Psychology, SOC 101 Introduction to Sociology, SOC 201 Marriage and the Family, SOC 323 Child and Family in the Social Context, and SWK 202 Introduction to Social Work.

DEGREE PROGRAMS

Psychology (B.S.)

Courses in psychology are designed to give an empirical approach to the study of human behavior, a knowledge of psychological principles, and an acquaintance with contemporary problems.

The major is tailored to prepare the student for graduate work in any of the variety of areas within which professional psychologists function. The professional areas include, but are not limited to, the more popular areas of clinical psychology, counseling psychology, and biological psychology. The psychology major program also seeks to assist its students to better understand themselves and others with whom they interact. For this reason, the major is an excellent choice for students eventually planning to be ministers or to work in almost any field.

Social Work (B.S.)

The social work program is a professional degree program accredited by the Council on Social Work Education (CSWE). This means that it is recognized nationally as meeting the necessary requirements for preparing graduates to enter beginning social work practice in a variety of settings as generalist social workers.

Minors

The Behavioral Sciences Department offers three minors: psychology, sociology, and the new social justice minor.

Social Work Articulation Agreements

Articulation agreements are agreements between two educational entities to ease the transfer process for students transferring from one educational institution to the other. The Behavioral Sciences Department is included in two articulation agreements—one with Tulsa Community College (TCC) and one with the University of Oklahoma Graduate School of Social Work.

A student completing the Associate of Science degree in Human Services from Tulsa Community College (TCC) satisfies most general education as well as lower level social work curriculum prerequisites for entering the ORU Social Work Program. It is possible for students to complete the A.S. in Human Services from TCC within a two-year period and complete the B.S.W. degree at ORU within approximately two and a half more years.

Graduates from the ORU Social Work Program are eligible for the one year Advanced Standing Social Work Program at the University of Oklahoma Graduate School of Social Work.

AWARDS

In recognition of scholarship, leadership, and ORU lifestyle commitment, the Department of Behavioral Sciences annually honors outstanding students by the presentation of the following awards:

•**Outstanding Psychology Major Senior Award:** This recognizes the department's most worthy graduating senior.

•**Outstanding Social Work Major Senior Award:** This recognizes the department's most worthy graduating senior.

•**Outstanding Psychology Senior Paper:** This recognizes the department's best senior research project.

•**Outstanding Social Work Senior Paper:** This recognizes the department's best senior research project.

PSYCHOLOGY MAJOR (PSY)

Bachelor of Arts

All psychology majors must take PSY 401 during the spring semester of their junior year and PSY 499 during the fall semester of the senior year.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Social Sciences Elective (Choice of one of the following: MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5

General Education Total 61

*At least one course must be chosen from list courses marked with asterisks.

Major	
PSY 201	Principles of Psychology 3
PSY 305	Physiological Psychology 3
PSY 322	Psychology of Learning and Motivation 3
PSY 340	Research Design and Analysis 3
PSY 354	History and Systems of Psychology 3
PSY 401	Experimental Psychology 2
PSY 401	Experimental Psychology Laboratory 1
PSY 499	Senior Paper 3
PSY	Electives 9
Major Total	30
Minor	18
Minor and/or Electives	19
Degree Total	128

SOCIAL WORK MAJOR (SWK)

Bachelor of Social Work

The mission of the social work program is to prepare students with a strong Christian grounding to enter entry-level social work practice, in a variety of social work settings, on the baccalaureate (BSW) level and prepare for pursuit of graduate education in social work (MSW).

The goals of the program are to develop students grounded in the Christian faith who are prepared academically and with practice skills for entry-level professional social work practice, in a variety of settings, as generalist social workers; who meet entry qualifications for graduate social work education and who are qualified to apply for licensure on the baccalaureate level in states with licensure laws.

The program, in keeping with the Council on Social Work Education's (CSWE) focus on competency-based education, prepares students to demonstrate the following competencies.*

1. Identify as a professional social worker and conduct oneself accordingly.

Social workers serve as representatives of the profession, its mission, and its core values. They know the profession's history. Social workers commit themselves to the profession's enhancement and to their own professional conduct and growth.

2. Apply social work ethical principles to guide professional practice.

Social workers have an obligation to conduct themselves ethically and to engage in ethical decision-making. Social workers are knowledgeable about the value base of the profession, its ethical standards, and relevant law.

3. Apply critical thinking to inform and communicate professional judgments.

Social workers are knowledgeable about the principles of logic, scientific inquiry, and reasoned discernment. They use critical thinking augmented by creativity and curiosity. Critical thinking also requires the synthesis and communication of relevant information.

4. Engage diversity and difference in practice.

Social workers understand how diversity characterizes and shapes the human experience and is critical to the formation of identity. The dimensions of diversity are understood as the intersectionality of multiple factors including age, class, color, culture, disability, ethnicity, gender, gender identity and expression, immigration status, political ideology, race, religion, sex, and sexual orientation. Social workers appreciate that, as a consequence of difference, a person's life experiences may include oppression, poverty, marginalization, and alienation as well as privilege, power, and acclaim.

5. Advance human rights and social and economic justice.

Each person, regardless of position in society, has basic human rights, such as freedom, safety, privacy, an adequate standard of living, health care, and education. Social workers recognize the global interconnections of oppression and are knowledgeable about theories of justice and strategies to promote human and civil rights. Social work incorporates social justice practices in organizations, institutions, and society to ensure that these basic human rights are distributed equitably and without prejudice.

6. Engage in research-informed practice and practice-informed research.

Social workers use practice experience to inform research, employ evidence-based interventions, evaluate their own practice, and use research findings to improve practice, policy, and social service delivery. Social workers comprehend quantitative and qualitative research and understand scientific and ethical approaches to building knowledge.

7. Apply knowledge of human behavior and the social environment.

Social workers are knowledgeable about human behavior across the life course; the range of social systems in which

people live; and the ways social systems promote or deter people in maintaining or achieving health and well-being. Social workers apply theories and knowledge from the liberal arts to understand biological, social, cultural, psychological, and spiritual development.

8. Engage in policy practice to advance social and economic well-being and to deliver effective social work services.

Social work practitioners understand that policy affects service delivery, and they actively engage in policy practice. Social workers know the history and current structures of social policies and services; the role of policy in service delivery; and the role of practice in policy development.

9. Respond to contexts that shape practice.

Social workers are informed, resourceful, and proactive in responding to evolving organizational, community, and societal contexts at all levels of practice. Social workers recognize that the context of practice is dynamic, and use knowledge and skill to respond proactively.

10. Engage, assess, intervene, and evaluate with individuals, families, groups, organizations, and communities.

Professional practice involves the dynamic and interactive processes of engagement, assessment, intervention, and evaluation at multiple levels. Social workers have the knowledge and skills to practice with individuals, families, groups, organizations, and communities. Practice knowledge includes identifying, analyzing, and implementing evidence-based interventions designed to achieve client goals; using research and technological advances; evaluating program outcomes and practice effectiveness; developing, analyzing, advocating, and providing leadership for policies and services; and promoting social and economic justice.

11. Integrate a personal Christian World View with professional social work values, ethics, and practice.*

Professional practice involves the dynamic and ongoing integration of one's Christian World View with the values and ethics of the profession; that the professional will embrace the diversity of belief systems of individuals and groups in a respectful, supportive, caring, and nonjudgmental manner.

*Unlike the first 10 competencies, which are from CSWE, the 11th competency is unique to ORU's social work program.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203 level, Spanish recommended)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (including BIO 101)	8
Mathematics (MAT 232)*	3
American History (HIS 101)	3
American Government (GOV 101)	3
Business (BUS 201)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5
General Education Total	61

*At least one course must be chosen from list courses marked with asterisks.

Major*

SWK 202	Introduction to Social Work	3
SWK 302	Research Methods	3
SWK 303	Social Welfare Policy	3

SWK 309	Human Behavior in the Social Environment I	3
SWK 310	Human Behavior in the Social Environment II	3
SWK 331	Social Work Practice I	3
SWK 332	Social Work Practice II	3
SWK 333	Social Work Practice III	3
SWK 341	Junior Practicum I	2
SWK 342	Junior Practicum II	2
SWK 404	Social Work Practice IV	2
SWK 405	Senior Seminar	2
SWK 420	Minority Group Relations	3
SWK 443	Senior Practicum I	6
SWK 444	Senior Practicum II	6
SWK 499	Senior Research Paper	3
Major Total		50

Cognate*

SOC 101	Introduction to Sociology	3
PSY 201	Principles of Psychology	3
PSY/SOC/SWK Electives**		3

Cognate Total	9
Electives	8

Degree Total	128
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*BIO 101, MAT 232, BUS 201, as well as cognate courses and courses in the major, require a grade of "C" or higher.

SOCIAL WORK PROGRAM POLICIES

The social work program at Oral Roberts University is a professional degree program accredited by the Council on Social Work Education (CSWE). The following information presents policies and procedures of the program. These policies; the degree plan sheet; the program's mission, goals, and competencies; and a copy of the Educational Policy and Accreditation Standards of 2008 (EPAS) are provided to all students.

Application Procedure

First Stage: Applying for the social work major

Students wanting to be admitted to the social work program need to do the following:

1. Complete SWK 202 Introduction to Social Work.
2. Submit a completed application form to the program director.
3. Be interviewed by a faculty member in the program.
4. Have a current accumulative GPA of at least 2.0.
5. Sign a statement to follow the National Association of Social Workers (NASW) Code of Ethics.

A committee made up of social work faculty determines the student's admission into the program. Once admitted to the program, students are assigned a faculty member to provide advisement throughout their social work education at ORU.

Second Stage: Applying for senior practicum

Students needing to be admitted to the senior practicum need to do the following:

1. Prove senior status
2. Complete prerequisites for eligibility to participate in the senior practicum: SWK Practice I, II, and III, Human Behavior in the Social Environment I and II, Social Welfare Policy, Minority Group Relations, Research Methods, and Junior Practicums I and II
3. Be interviewed by a field coordinator regarding field placement preferences and practicum fit

4. Receive faculty approval to proceed with the senior practicum

Transfer of Credit Policy

The social work program treats transfer credit on a case-by-case basis. Course and/or practicum credit is not given for life or work experience. Credit is given for comparable practice and foundation courses being transferred from other CSWE accredited schools. Courses being considered for transfer from schools not accredited by the Council will be examined individually, in which case the student needs to produce catalog and other information describing the course(s) in question (e.g., texts, syllabi, etc.). SWK 405 Senior Practicum must be taken at ORU and cannot be transferred from another institution.

Continuation in the Program

Continuation in the program is based on the student's maintenance of the 2.0 GPA average in social work courses and ethical conduct necessary for professional social work practice. Courses taken in the core curriculum must have a grade of "C" or better grade to be counted for social work credit. These courses include all major and cognate courses plus BIO 101 Biology, MAT 232 Statistics, and BUS 201 Principles of Economics I from general education. If the student's performance falls below the standards for program continuation, then termination procedures may be considered. However, every effort is made to work with a student in this situation by providing advisement, referral for remedial assistance, and/or referral for medical or mental health treatment if appropriate.

Termination Policy

In the event a student needs to be terminated from the social work professional program, the following steps are taken:

1. The program faculty meet together to discuss the student in question.
2. The student is brought before the faculty or faculty designee (appointed by the director) to discuss concerns and devise a plan for remediation.
3. Progress is carefully monitored.
4. Only if the remediation efforts prove unsuccessful is the student considered for termination. A majority of the faculty must agree that the student should be terminated.
5. The director informs the student of the termination and appoints a faculty member in the program to provide advisement and referral for seeking an alternative academic major.
6. The student may appeal the decision to terminate to the chair of the Behavioral Sciences Department and to the Dean of the College of Science and Engineering, if desired.

Confidential written documentation is kept on all proceedings of termination. Conditions that may initiate termination proceedings include such behaviors as unethical conduct, unsatisfactory academic performance, inability to work with clients, colleagues, supervisors, and general failure to adhere to professional expectations and standards of the social work profession.

The termination process is initiated only after a reasonable effort has been made to assist the student with gaining access to relevant resources (e.g., medical care, counseling) to help resolve personal issues. In event that a student is terminated from the social work program, assistance is provided to seek another academic major so as to graduate in a timely manner.

Student Rights and Responsibilities

1. Students have the right to be treated in all aspects of the Social Work Program without discrimination on the basis of age, color, disability, ethnicity, gender, national origin, race or religion.
2. Students have the right to form their own organization.
3. Students have the right to express grievances and make appeal within the social work program.
4. Students have the responsibility to pursue excellence in their academic and social work career development.
5. Students have the responsibility to act ethically and follow the NASW Code of Ethics and the Honor Code Pledge of the university.
6. Students have the responsibility to behave professionally, as beginning social workers would.
7. Students have the right and responsibility to provide input into evaluating and planning social work program policies and curriculum.

Student Grievance Procedures

In matters of student grievance in the program, the following procedures are followed:

1. If the grievance pertains to a grade the student received in a course, the student should complete the Petition for Grade Change and the Petition for Policy Exception (available from the Behavioral Sciences Department or the registrar) stating reasons for the requested change. These two forms should be signed by the individual faculty member, social work program director, and chair of the Behavioral Sciences Department. In the event the faculty member does not change the grade, the student may present the case to the program director and, if necessary, to the Behavioral Sciences chair and the dean of the College of Science and Engineering. The dean's ruling is final.
2. In situations where there is conflict with a faculty member and/or advisor, the student may present the complaint to the program director for a hearing or mediation. The program director may change the advisor assigned to the student if the change is warranted. If the student has a complaint against the program director, a hearing may be requested with the department chair.

PSYCHOLOGY MINOR (PSYM)

PSY 201	Principles of Psychology	3
PSY	Electives	15
Minor Total		18

SOCIOLOGY MINOR (SOCM)

A minor in sociology should assist any student, regardless of the major program, to a better understanding of social interaction within group settings. Because most facets of American society involve frequent interaction of persons within groups, the sociology minor would seem a logical choice to complement any major program offered by Oral Roberts University. Many graduate programs in sociology do not specify an undergraduate major as a requirement for admission; therefore, a minor in sociology with a proper selection of courses should prepare the aspiring professional sociologist for admission to most graduate programs.

SOC 101	Introduction to Sociology	3
SOC	Electives	15
Minor Total		18

SOCIAL JUSTICE MINOR (SJM)

Social justice is a cornerstone value for the practice of social work. The minor in social justice (1) provides students with the opportunity to further examine social work as a major course of study; and (2) offers students from other disciplines a minor that provides an indepth examination of social justice and its socio-economic, cultural, political, and spiritual ramifications.

Study the issues of poverty, racism, discrimination, and oppression, especially those people groups most vulnerable, can lead to involvement in the struggle for social justice.

SWK 202	Introduction to Social Work	3
SWK 303	Social Welfare Policy	3
SWK 310	Human Behavior in the Social Environment II	3
SWK 420	Minority Group Relations	3
SWK 450	Directed Study*	3
<i>Choice of one of the following three courses:</i>		3
SOC 308	Cultural Anthropology	
SOC 329	Social Deviancy/Social Control	
SWK 381	Child Welfare	
Minor Total		18

*A service project.

Departmental Courses

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

Psychology

PSY 201	Principles of Psychology
PSY 212	Social Psychology
PSY 250	Behavior Management
PSY 301	Developmental Psychology
PSY 305	Physiological Psychology
PSY 321	Psychology of Personality Development
PSY 322	Psychology of Learning and Motivation
PSY 323	Psychological Measurement
PSY 338	Psychology of Abnormal Behavior
PSY 340	Research Design and Analysis
PSY 354	History and Systems of Psychology
PSY 401	Experimental Psychology
PSY 401	Experimental Psychology Laboratory
PSY 411	Counseling Psychology I
PSY 412	Counseling Psychology II
PSY 423	Advanced Psychology Seminar
PSY 450	Directed Study
PSY 451	Senior Internship
PSY 461	Honors Research
PSY 499	Senior Paper
PSY 999	Elective

Sociology

SOC 101	Introduction to Sociology
SOC 201	Marriage and the Family
SOC 212	Social Psychology
SOC 300	Group Dynamics
SOC 302	Research Methods

SOC 308	Cultural Anthropology
SOC 323	Child and Family in the Social Context
SOC 329	Social Deviancy and Social Control
SOC 420	Minority Group Relations
SOC 450	Directed Study
SOC 461	Honors Research
SOC 999	Elective

Social Work

SWK 202	Introduction to Social Work
SWK 302	Research Methods
SWK 303	Social Welfare Policy
SWK 309	Human Behavior in the Social Environment I
SWK 310	Human Behavior in the Social Environment II
SWK 331	Social Work Practice I
SWK 332	Social Work Practice II
SWK 333	Social Work Practice III
SWK 341	Junior Practicum I
SWK 342	Junior Practicum II
SWK 380	Aging Processes
SWK 381	Child Welfare
SWK 382	Social Services in Health Care
SWK 383	Family Dynamics
SWK 404	Social Work Practice IV
SWK 405	Senior Seminar
SWK 420	Minority Group Relations
SWK 443	Senior Practicum I
SWK 444	Senior Practicum II
SWK 450	Directed Study
SWK 461	Honors Research
SWK 499	Senior Research Paper
SWK 999	Elective

BIOLOGY AND CHEMISTRY DEPARTMENT

Hal C. Reed, Ph.D., *Chair*

MISSION STATEMENT: The Biology and Chemistry Department educates students in a professional knowledge base of biological and chemical facts, concepts, trends, and laboratory skills to be equipped-aided and inspired by the power of the Holy Spirit—to scientifically investigate and solve problems in medicine, biochemistry, education, the environment, forensics, toxicology, energy, agriculture, and other fields. The department challenges students to integrate their Christian faith with their science by encouraging them (1) to appreciate the glory and majesty of Christ visible throughout creation; (2) to engage in their roles as stewards of God's creation; (3) to accurately discern between science, religion, and pseudoscience; (4) to address ethical dilemmas in science-based problems; and (5) to exhibit Christ-like compassion, using their scientific knowledge to help others suffering from disease, inadequate health care, limited food availability, and contaminated water supplies.

OVERVIEW

The vision of the Biology and Chemistry Department is to provide a curriculum and educational environment that encourages professional competence, coupled with Christian faith and practice, to help enable students to hear God's voice and to take His healing power into the world. Students must learn to understand and live in harmony with creation in order to maintain a sustainable quality of life acceptable now and in the future. Concerns about the continued misuse of the environment are being addressed more strongly than ever, and students—empowered by the Holy Spirit

--must learn to understand, interact with, and respond positively to those concerns.

Departmental Outcomes

A graduate from the Biology and Chemistry Department should be able to do the following:

- Use scientific knowledge and the power of the Holy Spirit to make professional decisions consistent with Biblical principles.
- Analyze problems using a working knowledge of scientific concepts to offer beneficial solutions.
- Exhibit competency in researching literature and use of information to effectively analyze and interpret data.
- Write and speak effectively using the language, concepts, and models of science including evidence of God within the natural realm.
- Relate to the university and the world through the use of professional competencies to provide service and healing.

DEGREE PROGRAMS

The Biology and Chemistry Department offers courses of study leading to the bachelor of science degree with majors in biology, chemistry, biomedical chemistry, and science education (middle and high school). The biology, biomedical chemistry, and chemistry programs are designed to meet the needs of students who desire to (1) pursue graduate work, (2) train for work in industry and government, or (3) prepare for professional training in the health sciences.

Students may choose to receive a bachelor of arts degree (instead of a bachelor of science) by meeting foreign language requirements in addition to the requirements listed for the bachelor of science degree.

Biology (B.S.)

The biology major offers optional concentrations in environmental science, premedicine, and other health professions.

Chemistry (B.S.)

The chemistry program is designed to provide (1) a working knowledge of chemical concepts; (2) a rigorous, medically oriented program; (3) state-of-the-art training for graduate school or immediate employment; (4) opportunity to broaden a student's skill by learning the concepts of chemistry; and (5) opportunities to work in chemical companies and industrial research.

Biomedical Chemistry (B.S.)

The biomedical chemistry offers optional concentrations in premedicine and research. Students selecting to major in biomedical chemistry must minor in biology. The biomedical chemistry program with a research concentration is specifically designed to prepare students to pursue professional training in M.D.-Ph.D. programs.

Science Education (B.S.)

Students seeking licensure to teach at the secondary levels have two options: (1) completion of the science education major, which leads to standard certification or (2) completion of any other major in the Biology and Chemistry Department or Engineering, Computer Science, Physics, and Mathematics Department, which can lead to alternative certification. As alternative certification is intended for those seeking career changes, requirements vary widely from state to state, and laws governing these programs can change frequently. Therefore, students interested in pursuing alternative certification need to meet with the ORU College of Education's certification officer to ensure they

are well informed prior to choosing this option. Students pursuing alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification.

Minors

Minors are offered in biology, biochemistry, chemistry, and environmental studies.

PREPROFESSIONAL HEALTH PROGRAMS

Prehealth professional students, including premedicine, predentistry, and others, should follow the inspiration of the Holy Spirit and assessment of their God-given gifts and abilities in selecting one of several recognized majors, such as biology, chemistry, biomedical engineering, psychology, or health and exercise science as a prehealth professional route.

Prehealth professional programs provide a balanced liberal arts education with strengths in the sciences and the humanities. Any major can be adapted to a prehealth professional program by including the following courses: (1) MAT 114 or 201, (2) BIO 111 and 112 lecture and lab, (3) CHE 111 and 112 lecture and lab, (4) CHE 211 and 212 lecture and lab, and (5) PHY 101 and 102 lecture and lab or PHY 111 and 112 lecture and lab. These courses are required by most health professional schools, including medical, dental, and pharmacy schools, and assist in preparing students to take the MCAT, DAT, or PCAT exams.

Admission to medical, dental, pharmacy, and other health professional schools in the United States is very selective. Students with excellent grades, high admission test scores, knowledge of their health profession, and health care experience are highly favored for admission. Proper advisement is necessary to adequately prepare students for admission to professional schools, so ORU offers advisement to prepare students for various medical fields. A prehealth professional advisor can provide a comprehensive advisement program that includes academic advisement, health career literature, guest speakers, information on admissions tests, medical and dental school application procedures, and a library of special reference publications. Students seeking to attend these professional schools need to work with faculty members to choose courses appropriate for their plans.

All prehealth professional programs at ORU start with a general set of courses based on the typical admission requirements of various health professional schools. However, since some of these schools have unique preparatory requirements, students are advised to obtain a catalog from each school to which they plan to apply in order to determine the exact requirements. This will assist students and their prehealth professional advisors to tailor the prehealth professional program directly to address specific applications.

Premedicine

Both the biology major and the biomedical chemistry major offer a premedicine concentration. However, students interested in the premedical program at ORU can also major in chemistry or psychology. Electives should be chosen in consultation with the advisor.

Pre dentistry

Students interested in preparing for dental school should major in biology, biomedical chemistry, chemistry, psychology, health exercise science, or another major with electives chosen to fulfill the unique requirements of the desired schools of dentistry.

A two-year recommended program is designed to meet the common prerequisites for most professional schools in dental hygiene. Advice is available from the department.

Prepharmacy

While the prepharmacy program follows a similar schedule to both premedicine and predentistry (such as majoring in chemistry or biochemistry), there are significant differences. Often various schools of pharmacy have different prerequisite course requirements. It is particularly important for students following the prepharmacy program to work closely with prehealth professional advisors to adjust their programs.

Preveterinary

The minimum prerequisites for admission to a college of veterinary medicine can usually be completed in three years. However, most of the successful preveterinary applicants in recent years have had four years or more of preparatory training. Therefore, the Biology and Chemistry Department recommends preveterinary students complete a four-year degree program with a major in biology or biomedical chemistry. It is particularly important for students following the preveterinary program to work closely with ORU faculty serving as prehealth professional advisors to adjust their programs.

Other Health Professions

The Biology and Chemistry Department offers assistance in degree planning for students planning to enter schools of occupational therapy, physical therapy, optometry, medical technology, or physician assistant. Most of these programs now require students to have an undergraduate degree before entering the program. However, some well-qualified students who have taken all the prerequisites may enter some programs after the third year of undergraduate study. Most schools require a general education program that includes courses in biology, chemistry, and human anatomy, and physiology. Unlike medical schools, requirements and prerequisites for allied health careers vary among programs and schools. Anyone planning a career in one of these fields should consult with a prehealth professional advisor in the Biology and Chemistry Department to develop a specific undergraduate curriculum to successfully meet their goals.

HEALTH PROFESSION ARTICULATION AGREEMENTS

These articulation agreements between Oral Roberts University and other institutions of higher education enable students to begin coursework at ORU and later transfer to another university in order to complete their undergraduate and graduate degrees in medical fields.

Physical Therapy

ORU has two articulation agreements in physical therapy. The first agreement is with University of Oklahoma-Tulsa. The agreement allows for students with three years of study at ORU to apply for admission to the Ph.D. program in physical therapy. Further information is available in the ORU Health, Physical Education, and Recreation Department.

The second agreement is with Southwest Baptist University (SBU). A student who completes a baccalaureate degree in any major at ORU and the

requirements for admission to the Doctor of Physical Therapy Program at Southwest Baptist University as listed here will automatically receive preference and be eligible for the admission process.

- Have a minimum 2.75 overall GPA.
- Complete the graduate record exam.
- Complete and return physical therapy packet by June 15th of year prior to enrollment.
- Document 40 hours experience/observation in physical therapy.
- Meet admissions eligibility requirements in SBU catalog (if international student).
- Demonstrate computer literacy.
- Complete the following prerequisite courses with a minimum of a "C" and 3.0 prerequisite GPA. (Prerequisites should not be taken pass/fail): CHE 111 and 112, PHY 101 and 102, BIO 111, PHS 223 and 224, MAT 232, and two psychology courses except PSY 232.

Nutritional Sciences

ORU has an articulation agreement with the University of Oklahoma-Tulsa (OU-Tulsa) for earning a Bachelor of Science degree in nutritional sciences. This program provides an opportunity for area students to complete a bachelor's degree in nutritional sciences in Tulsa. The first 60 hours, which includes general education and science courses, are taken at ORU and the remainder of the degree at OU-Tulsa. Information is available in the ORU Biology and Chemistry Department and at OU-Tulsa.

Communication Sciences and Disorders

ORU has an articulation agreement with the University of Oklahoma-Tulsa (OU-Tulsa) for earning a Bachelor of Science degree in communication sciences and disorders. This program provides an opportunity for area students to complete a bachelor's degree in communication sciences and disorders in Tulsa. The first 60 hours, which includes general education and science courses, are taken at ORU and the remainder of the degree at OU-Tulsa. Information is available in the ORU Office of PreHealth Professional Advisement and at OU-Tulsa.

Radiologic Technology

ORU has an articulation agreement with the University of Oklahoma-Tulsa (OU-Tulsa) for earning a Bachelor of Science degree in radiologic technology. This program provides an opportunity for area students to complete a bachelor's degree in radiologic technology in Tulsa. The first 60 hours, which includes general education and science courses, are taken at ORU and the remainder of the degree at OU-Tulsa. Information is available in the ORU Biology and Chemistry Department and at OU-Tulsa.

SPECIAL OPPORTUNITIES

The Biology and Chemistry Department has arranged opportunities for student internships with the Oklahoma Aquarium in Tulsa. The department also works with students in developing or applying for internships that are tailored to their interests.

Students desiring a hands-on environmental learning experience have the opportunity to attend Au Sable Institute in northern Michigan to complete some course requirements that are normally met at ORU. Courses are designed to prepare students for work or further study in environmental endeavors. Any ORU student who meets the course prerequisites may take these courses, but the opportunity is of particular value to biology majors with an environmental concentration.

The Michigan campus is surrounded by many lakes, rivers, and other natural areas. Satellite campuses are located in Washington state, Florida, and India. Scholarships are available.

CLUBS AND ORGANIZATIONS

Tri-Beta Honor Society assists students interested in biological topics an opportunity to focus on scientific research. There are two national conventions each year and the publication of *BIOS*, a scholarly journal that includes student research. The Mu Kappa chapter at ORU participates in monthly meetings and community service projects.

The ORU student affiliate chapter of the **American Chemical Society (ACS)** meets regularly to focus scholarly attention on relevant issues in chemistry. Student affiliates have the opportunity to present research during local, statewide, regional, or national meetings of ACS.

Alpha Epsilon Delta National Society provides additional opportunities for professional development for all pre-health profession majors with scholarly achievement. These opportunities increase student awareness of issues important to the process of application and acceptance into advanced health professional programs. Opportunities include attendance in medical seminars, cadaver dissection, job shadowing, mission experiences, and volunteer opportunities at the Good Samaritan Health Clinic.

AWARDS AND SCHOLARSHIPS

In recognition of scholarship, leadership, and ORU lifestyle commitment, the Biology and Chemistry Department--individually as well as in collaboration with the Engineering, Computer Science, Physics, and Mathematics Department annually honors outstanding students by presenting the following awards.

Outstanding Biology Senior Award. This award recognizes the outstanding graduating senior in biology.

Outstanding Chemistry Student Award. This awards the outstanding graduating senior in chemistry.

Outstanding Biology and Chemistry Senior Papers. These awards recognize outstanding senior research projects from each major in the Biology and Chemistry Department.

James Wilkes Pugh Memorial Scholarship. This fund is designated for students majoring in the natural sciences, primarily for those who live in the Ozark regions of Missouri, Arkansas, and Oklahoma, but students from other regions may apply.

Muccio Endowed Scholarship Fund. This fund is designed for outstanding premedical students who demonstrate financial need and have a strong desire to serve in medical missions.

American Institute of Chemists Award. This is given to an outstanding chemistry student, based on GPA, character, leadership, and contribution to the department.

Outstanding Organic Chemistry Student Award. This recognizes the student with the highest combined GPA in Organic I and II lectures.

Chemical Rubber Company (CRC) Handbook Award. This recognizes the chemistry student with the highest combined GPA in General Chemistry I and II lectures.

BIOLOGY MAJOR (BIO)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Physics (101 and 102 or 111 and 112)	8
Mathematics (MAT 332)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 201, FIN 244)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)	5
General Education Total	55

*At least one course must be chosen from list courses with asterisks.

Major

BIO 111	Introductory Biology I (lecture and lab)	4
BIO 112	Introductory Biology II (lecture and lab)	4
BIO 370	Methods in Biotechnology	1
BIO 372	Introduction to Biological Research	1
BIO 451	Biology Seminar	1
BIO 456	Bioethics	2
BIO 499	Research and Senior Paper	3
BIO 312	Ecology (lecture and lab)	4
Choice of four of the following courses:**		16
BIO 310	Microbiology (lecture and lab)	
BIO 311	Genetics (lecture and lab)	
BIO 411	Molecular Cell Biology (lecture and lab)	
BIO 421	General and Comparative Physiology (lecture and lab)	
BIO 431	Developmental Biology (lecture and lab)	
BIO 454	Special Topics (must be a lecture and lab; maximum one course)	
BIO 457	Principles of Immunology (lecture and lab)	
BIO 458	Marine Ecology (lecture and lab)	
AUS 217	Field Geology*	
AUS 301	Land Resources*	
AUS 302	Limnology*	
AUS 303	Ecological Agriculture*	
AUS 304	Global Development and Ecological Sustainability*	
AUS 311	Field Botany*	
AUS 312	Insect Biology and Ecology*	
AUS 322	Aquatic Biology*	
AUS 342	Fish Biology and Ecology*	
AUS 359	Marine Mammals*	
AUS 377	Marine Invertebrates*	
AUS 471	Conservation Biology*	
AUS 477	Plant Ecology*	
AUS 482	Restoration Ecology*	
Major Total		36

*Courses with an AUS prefix are offered only at the Au

Sable Institute in Michigan and other off-campus locations.

**Students choosing an environmental concentration must choose from BIO 312 or BIO 458 and one of the AUS courses offered only at the Au Sable Institute.

Cognate

CHE 111	General Chemistry I (lecture and lab)	4
CHE 112	General Chemistry II (lecture and lab)	4
CHE 211	Organic Chemistry I (lecture and lab)	4
CHE 212	Organic Chemistry II (lecture and lab)	4
Choice of one of the following courses:		3-4
MAT 114	Mathematical Analysis (3 hrs.)	
MAT 201	Calculus I (4 hrs.)	

Cognate Total	19-20
Minor and/or Electives*	17-18

Degree Total	128
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*Recommended electives include MAT 201, 202; CHE 300, 400, 454, 457, PHS 223, 224, BIO 200 and any upper-division biology course. Alternatively, students may choose to use their elective hours to complete a chemistry minor (20 hours). One or two years of foreign language should be included by students who plan to pursue an advanced degree in biology.

Students may use their elective hours or options within the major for a concentration in premedicine, health professions, or environmental science.

■ Premedicine Concentration (PMDC)

It is recommended that students wanting a pre-medicine designation on their transcripts narrow their studies by taking the following recommended courses as part of their major or electives:

BIO 310	Microbiology (lecture and lab)	4
BIO 311	Genetics (lecture and lab)	4
BIO 411	Molecular Cell Biology (lecture and lab)	4

Concentration Total	15
Minor and/or Electives*	17-18

Degree Total	128
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*Recommended electives include MAT 201, 202; CHE 300, 400, 454, 457, PHS 223, 224, BIO 200, PHP 100, and any upper-division biology course. Alternatively, students may choose to use their elective hours to complete a chemistry minor (20 hours).

■ Health Professions Concentration (HPC)

Students desiring to prepare for health professions such as optometry, medical technology, physician assistant, physical therapy, or occupational therapy need to add the following concentration in place of eight hours of electives.

PHS 223	Human Anatomy (lecture and lab)	4
PHS 224	Human Physiology (lecture and lab)	4

Concentration Total	8
Electives*	9-10

Degree Total	128
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*Recommended electives include MAT 201, 202; CHE 300, 400, 454, 457, PHS 223, 224, BIO 200, PHP 100 and any upper-division biology course. Alternatively, students may choose to use their elective hours to complete a chemistry minor (20 hours).

■ Environmental Concentration (ENVC)

Students interested in preparing for work in envi-

ronmental areas may minor in environmental studies (offered through the Engineering, Computer Science, Physics, and Mathematics Department) or major in biology with an environmental concentration.

The Au Sable Institute, located in northern Michigan, offers environmental courses for students from ORU and other participating colleges of the Council for Christian Colleges and Universities. Au Sable also has courses in Florida and India. Courses are designed to prepare students for work or further study in environmental endeavors. Any ORU student who meets the course prerequisites may take these courses. Au Sable has awarded some scholarship money for ORU students to support student involvement in their program. The Biology and Chemistry Department has more information.

EVR 350	Environmental Science (lecture and lab)	4
EVR 450	Current Global Issues	3

Choice of one of the following:

CHE 300	Quantitative Analysis (lecture and lab) (4 hrs.)	3-4
CHE 400	Chemical Instrumentation (lecture and lab) (4 hrs.)	
CHE 474	Environmental Analysis (3 hrs.)	
AUS 332	Environmental Chemistry (3 hrs.)*	

Concentration Total	10-11
Electives**	6-8

Degree Total	128
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*Courses with an AUS prefix are offered only at the Au Sable Institute in Michigan.

**Recommended electives include MAT 201, 202; CHE 300, 400, 454, 457, PHS 223, 224, BIO 200, and any upper-division biology course. Alternatively, students may choose to use their elective hours to complete a chemistry minor (20 hours).

SCIENCE EDUCATION MAJOR (SCED) WITH SECONDARY SCHOOL TEACHING LICENSURE

Bachelor of Science

Students may earn licensure in a second subject/content area. The Oklahoma Commission for Teacher Preparation requires the OSAT/OPTe test(s) be passed in order to obtain a license in an additional subject/content area. Students interested in completing coursework toward additional licensing should consult the subject area advisor.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (PSC 201 and CHE 101 Honors)	8
Mathematics (MAT 113 or 201)	3
American History (HIS 101)	3

American Government (GOV 101)	3
Foreign Language Proficiency PRF 001 (exam or 102 level of a foreign language class)	0
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 201, SOC 323, FIN 244)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives)	4.5
General Education Total	54.5

*At least one course must be chosen from list courses marked with asterisks.

Major

BIO 111	Introduction to Biology (lecture and lab)	4
BIO 112	Introductory Biology II (lecture and lab)	4
BIO 312	Ecology (lecture and lab)	4
BIO 370	Methods in Biotechnology	1
CHE 111	General Chemistry I (lecture and lab)	4
CHE 112	General Chemistry II (lecture and lab)	4
PHS 223	Human Anatomy (lecture and lab)	4
PHS 224	Human Physiology I (lecture and lab)	4
PHY 101	General Physics I (lecture and lab)	4
HONR 102	Philosophy of Science	3
BIO	Electives* (upper division)	12
Major Total		48

*Science education candidates may include BIO 499 senior paper in these elective hours. Advisors have further information.

Professional Education

PED 100	Education Seminar (every semester)	0
PED 121	Field Based Experience/Practicum (Secondary)	1
PED 203	Foundations and Methods of Education	3
PED 222	School Health Care	1
PED 305	Pedagogy I	4
PED 306	Pedagogy II	4
PED 361	Professional Education Seminar/ Portfolio	0
PED 485	Student Teaching: 7-9	5
PED 495	Student Teaching: 10-12	5
BIO 429	Secondary Methods: Science	3
Professional Education Total		26
Degree Total		128.5

BIOMEDICAL CHEMISTRY MAJOR (BMCH)

Bachelor of Science

The degree program in biomedical chemistry, which has a required minor in biology, is designed to provide a combination of studies in the biological sciences and chemistry for those students who plan to enter a professional school of medicine, dentistry, pharmaceutical, or veterinary medicine; plan to pursue a career in clinical or medicinal chemistry; or plan to work in a biological or medical industry.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12

Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Chemistry (CHE 111 and 112 lecture and lab)	8
Mathematics (MAT 201)	4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	56

*At least one course must be chosen from list courses marked with asterisks.

Major

CHE 211	Organic Chemistry I (lecture and lab)	4
CHE 212	Organic Chemistry II (lecture and lab)	4
CHE 300	Quantitative Analysis (lecture and lab)	4
CHE 303	Physical Chemistry I (lecture and lab)	4
CHE 400	Chemical Instrumentation (lecture and lab)	4
CHE 449	Chemistry Research	1
CHE 452	Seminar	1
CHE 499	Individual Research and Senior Paper	3
CHE	Concentration (premedicine or research)	9
Major Total		34

Cognate

MAT 202	Calculus II	4
Choice of one of the following pairs:		8
PHY 101/102	General Physics I and II	
PHY 111/112	Physics I and II	
Cognate Total		12

Note: Students with this major need to choose one of the following concentrations:

■ Premedicine Concentration (CPMC)

Choice of one or two of the following courses:		3-6
CHE 454	Recombinant DNA Technology (3 hrs.)	
CHE 455	Oncological Chemistry (3 hrs.)	
CHE 459	Biochemistry Lecture (3 hrs.)	
CHE 459	Biochemistry Lab (1 hr.)	
CHE 473	Medicinal Chemistry (3 hrs.)	
Choice of one or two of the following courses:		3-6
CHE 304	Physical Chemistry II (3 hrs.)	
CHE 456	Inorganic Chemistry (3 hrs.)	
CHE 471	Structure and Bonding (3 hrs.)	
CHE 474	Environmental Analysis (3 hrs.)	
Concentration Total		9

■ Research Concentration (CHRC)

Choice of three of the following courses:		9
MAT 111	Introduction to Computing	
MAT 211	Differential Equations	
MAT 312	Linear and Matrix Algebra	
MAT 332	Introduction to Biostatistics	
Concentration Total		9
Minor*		20
Electives Total		6
Degree Total		128

*A biology minor is required.

CHEMISTRY MAJOR (CHE)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Chemistry 111 (111, 112 lecture and lab)	8
Mathematics (MAT 201)	4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	56

*At least one course must be chosen from list courses marked with asterisks.

Major

CHE 211	Organic Chemistry I (lecture and lab)	4
CHE 212	Organic Chemistry II (lecture and lab)	4
CHE 300	Quantitative Analysis (lecture and lab)	4
CHE 303	Physical Chemistry I (lecture and lab)	4
CHE 304	Physical Chemistry II Lecture	3
CHE 400	Chemical Instrumentation Lecture (lecture and lab)	4
CHE 449	Chemistry Research	1
CHE 452	Seminar	1
CHE 456	Inorganic Chemistry	3
CHE 499	Individual Research and Senior Paper	3
Choice of two of the following courses:		6
CHE 454	Recombinant DNA Technology (3 hrs.)	
CHE 455	Oncological Chemistry (3 hrs.)	
CHE 459	Biochemistry Lecture (3 hrs.)	
CHE 473	Medicinal Chemistry (3 hrs.)	
Major Total		37

Cognate

MAT 202	Calculus II	4
MAT 211	Differential Equations	3
CSC 111	Introduction to Computing	3
Choice of one of the following pairs:		8
PHY 101/102	General Physics I and II (lecture and lab)	
PHY 111/112	Physics I and II (lecture and lab)	
Cognate Total		18
Electives Total		17
Degree Total		128

CHEMISTRY MINOR (CHEM)

This program is designed for students majoring in another discipline who desire a minor in chemistry.

CHE 111	General Chemistry I (lecture and lab)	4
CHE 112	General Chemistry II (lecture and lab)	4
CHE 211	Organic Chemistry I (lecture and lab)	4
CHE 212	Organic Chemistry II (lecture and lab)	4
CHE 300	Quantitative Analysis (lecture and lab)	4

Minor Total 20

BIOCHEMISTRY MINOR (BCM)

This program is designed for students majoring in another discipline who desire a minor in chemistry.

CHE 111	General Chemistry I (lecture and lab)	4
CHE 112	General Chemistry II (lecture and lab)	4
CHE 211	Organic Chemistry I (lecture and lab)	4
CHE 212	Organic Chemistry II (lecture and lab)	4
CHE 459	Biochemistry (LECTURE AND LAB)	4

Minor Total 20

BIOLOGY MINOR (BIOM)

This program is designed for students majoring in another discipline, who desire a minor in biology.

BIO 111	Introductory Biology I (lecture and lab)	4
BIO 112	Introductory Biology II (lecture and lab)	4
BIO	Electives in biology (300-level or above) must include three courses with respective labs including one field course (lecture and lab)	12

Minor Total 20

TRANSFERRING TO ORU WITH AN A.S. DEGREE (FROM TULSA COMMUNITY COLLEGE)

An articulation agreement between Tulsa Community College (TCC) and ORU has been developed to assist students having an associate of science degree in chemistry or biology to obtain a bachelor of science in biology, biology (premedicine concentration), chemistry, or biomedical chemistry (premedicine concentration) at ORU. This agreement allows students from TCC to transfer to ORU and receive the maximum allowable credit towards a bachelor's degree. Additional information is available in the admissions section of this catalog.

Degree Requirements (Chemistry)

Students with an associate's degree in chemistry from TCC—regardless of whether they plan to major in chemistry or biomedical chemistry with a premedicine concentration at ORU—need to take the following courses at TCC and the following general education courses at ORU.

TCC General Education Total	24 hrs.
Freshman Composition (ENGL 1113, 1213)	6
Speech Communication (SPCH 1113)	3

US History (HIST 1483 or 1493)	3
Humanities Electives	6
American Government (POLS 1113)	3
Social Sciences (PSY 1113 or SOC 1113)	3

TCC Chemistry Program Total	41 hrs.
Chemistry Lecture and Lab (CHE 1315, 1415, 2145, 2245)	20
Mathematics (MTH 1715, 2114, 2124)	13
Physics Lecture and Lab (PHYS 1114, 1214)	8

B.S. Degree in Chemistry

Concentration: None

Students seeking an associate's degree in chemistry from TCC and a bachelor's degree in chemistry from ORU take courses and earn credit hours in the following areas:

TCC Associate's Degree Total	65 hrs.
•TCC general education (24 hrs.)	
•TCC chemistry program (41 hrs.)	

ORU Total	69 hrs.
•ORU general education courses (18 hrs.)	
•ORU chemistry major (33 hrs.)	
•A minor area of study (18 hrs.)	

TCC-ORU Bachelor's Degree Total 134 hrs.

In addition to the TCC courses (general education and the chemistry program) listed earlier in this section, students wanting to major in chemistry at ORU need to take the following ORU courses:

ORU General Education	18 hrs.
Whole Person Assessment (GEN 099)	0
English (COMP 303)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Humanities (Choice of HUM 101, 222, 233, 244, 301, 333)	3
Health, Physical Education, and Recreation (HPE 001 and 002, swimming course or proficiency, two electives)	3

ORU Chemistry Major Total	33 hrs.
CHE 300 Quantitative Analysis (lecture and lab)	4
CHE 303 Physical Chemistry I (lecture and lab)	4
CHE 304 Physical Chemistry II (lecture and lab)	4
CHE 400 Chemical Instrumentation (lecture and lab)	4
CHE 449 Chemistry Research	1
CHE 452 Seminar	1
CHE 456 Inorganic Chemistry	3
CHE 499 Individual Research and Senior Paper	3
CHE Electives	6
MAT 211 Differential Equations	3

Minor 18 hrs.

B.S. Degree in Biomedical Chemistry

Concentration: Premedicine

Students seeking an associate's degree in chemistry from TCC and a bachelor's degree in biomedical chemistry with a premedicine concentration from ORU take courses and earn credit hours in the following areas:

TCC Associate's Degree Total	65 hrs.
•TCC general education (24 hrs.)	
•TCC chemistry program (41 hrs.)	

ORU Total	71 hrs.
•ORU general education courses (21 hrs.)	
•ORU biomedical chemistry major (20 hrs.)	
•ORU premedicine concentration (10 hrs.)	
•A biology minor (20 hrs.)	

TCC-ORU Bachelor's Degree Total 136 hrs.

In addition to the TCC courses (general education and the chemistry program) and the ORU general education courses listed earlier in this section, students wanting to major in biomedical chemistry with a premedicine concentration at ORU need to take the following courses:

ORU Chemistry Major Total	20 hrs.
CHE 300 Quantitative Analysis (lecture and lab)	4
CHE 303 Physical Chemistry I (lecture and lab)	4
CHE 400 Chemical Instrumentation (lecture and lab)	4
CHE 449 Chemistry Research	1
CHE 452 Seminar	1
CHE 499 Individual Research and Senior Paper	3
HONR 102 Philosophy of Science	3

Premedicine Concentration	10 hrs.
CHE 454 Recombinant DNA Technology	3
CHE 456 Inorganic Chemistry	3
CHE 459 Biochemistry (lecture and lab)	4

Minor (Biology minor required) 20 hrs.

Degree Requirements (Biology)

Students have several options if they choose to major in biology at ORU. Students with an associate's degree in biotechnology can earn a bachelor's degree in biology, and students with an associate's degree in biology can earn a bachelor's degree in biology—with or without a premedicine concentration.

B. S. Degree in Biology

Students seeking an associate's degree in biotechnology from TCC and a bachelor's degree in biology at ORU need to take the following general education courses at TCC and ORU.

TCC Associate's Degree Total	71 hrs.
•TCC general education (24 hrs.)	
•TCC biotechnology program (47 hrs.)	

ORU Total	66-70 hrs.
•ORU general education (32 hrs.)	
•ORU biology major (27 hrs.)	
•ORU cognate (7 hrs.)	
•Optional biochemistry minor (4 hrs.)	

TCC-ORU Bachelor's Degree Total 137-141 hrs.

Specific courses needed for an associate's degree in biotechnology and a bachelor's degree in biology with an optional minor in biochemistry are as follows:

TCC General Education Total	24 hrs.
Freshman Composition (ENGL 1113 and 1213)	6
US History (HIST 1483 or 1493)	3
Humanities Electives	6
American Government (POLS 1113)	3
Mathematics (MATH 1513)	3
Social Sciences (PSYC 1113)	3

TCC Biotechnology Program Total	47 hrs.
Chemistry Lecture and Lab (CHEM 1315, 1415, 2145)	15

Biology (BIOL 1224, 2164) 8
 Biotechnology (BIOT 1113, 1315, 1534, 2101, 2246, 2335) 24

ORU General Education Total 32 hrs.
 Whole Person Assessment (GEN 099) 0
 English (COMP 303) 3
 Oral Communication (COM 101) 3
 Biblical Literature (BLIT 110, 120) 6
 Theology (THE 103) 3
 Mathematics (MAT 332) 3
 Lab Science (PHY 101, 102) 8
 Humanities (Choice of HUM 101, 222, 233, 244, 301, 333) 3
 Health, Physical Education, and Recreation (HPE 001 and 002, swimming course or proficiency, two electives) 3

ORU Biology Major plus Cognate Total 34 hrs.
 BIO 112 Introduction to Biology II with Lab 4
 BIO 312 Ecology with Lab 4
 BIO 372 Introduction to Biological Research 1
 BIO 451 Biology Seminar 1
 BIO 456 Bioethics 2
 BIO 499 Research and Senior Paper 3
 BIO Biology electives 12
 CHE 212 Organic Chemistry II with Lab 4
 MAT 114 Mathematical Analysis 3

ORU Biochemistry Minor (Optional) 4
 CHE 459 Biochemistry with Lab 4

B.S. Degree in Biology

Students seeking an associate's degree in biology from TCC and a bachelor's degree in biology at ORU (with an optional premedicine concentration) need to take the following general education courses at TCC and ORU.

TCC Associate's Degree Total 61 hrs.
 •TCC general education (27 hrs.)
 •TCC biology program (34 hrs.)

ORU Total 76 hrs.
 •ORU general education (29 hrs.)
 •ORU biology major (17-25 hrs.)
 •ORU cognate (4 hrs.)
 •Optional premedicine concentration (8 hrs.)
 •ORU minor (18 hrs.)

TCC-ORU Bachelor's Degree Total 137 hrs.

Specific courses needed for an associate's degree in biology and a bachelor's degree in biology are as follows:

TCC General Education Total 27 hrs.
 Freshman Composition (ENGL 1113 and 1213) 6
 US History (HIST 1483 or 1493) 3
 Humanities Electives 6
 American Government (POLS 1113) 3
 Mathematics (MATH 1113) 3
 Social Sciences (PSYC 1113 or SOCI 1113) 3
 Speech Communication (SPCH 1113) 3

TCC Biology Program Total 34 hrs.
 Biology (BIOL 1224, 1604, 2164, elective) 16
 Chemistry (CHEM 1315, 1415, 2145) 15
 Mathematics (MATH 1613) 3

ORU General Education Total 29 hrs.
 Whole Person Assessment (GEN 099) 0
 English (COMP 303) 3
 Biblical Literature (BLIT 110, 120) 6

Theology (THE 103) 3
 Mathematics (MAT 332) 3
 Lab Science (PHY 101, 102) 8
 Humanities (Choice of HUM 101, 222, 233, 244, 301, 333) 3

Health, Physical Education, and Recreation (HPE 001 and 002, swimming course or proficiency, two electives) 3

ORU Biology Major Total 25 hrs.
 BIO 312 Ecology (lecture and lab) 4
 BIO 370 Methods in Biotechnology 1
 BIO 372 Introduction to Biological Research 1
 BIO 451 Biology Seminar 1
 BIO 456 Bioethics 3
 BIO 499 Research and Senior Paper 3
 BIO Electives (lecture and lab)*** 12

Cognate Total 4 hrs.
 CHE 212 Organic Chemistry II (lecture and lab) 4

Minor 18 hrs.

***Students wanting to include a premedicine concentration use 8 hours of elective to take the following courses:

Premedical Concentration 8 hrs.
 BIO 311 Genetics (lecture and lab) 4
 BIO 411 Molecular Cell Biology (lecture and lab) 4

Departmental Courses

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

Biology

BIO 101 Principles of Biology Lecture
 BIO 101 Principles of Biology Laboratory
 BIO 111 Introductory Biology I Lecture
 BIO 111 Introductory Biology I Laboratory
 BIO 112 Introductory Biology II Lecture
 BIO 112 Introductory Biology II Laboratory
 BIO 200 Human Cadaver Dissection
 BIO 212 Principles of Microbiology Lecture
 BIO 212 Principles of Microbiology Laboratory
 BIO 251 Ozark Region Field Studies
 BIO 259 Scientific Terminology
 BIO 310 Microbiology Lecture
 BIO 310 Microbiology Laboratory
 BIO 311 Genetics Lecture
 BIO 311 Genetics Laboratory
 BIO 312 Ecology Lecture
 BIO 312 Ecology Laboratory
 BIO 360 Readings in Biology
 BIO 370 Methods in Biotechnology
 BIO 372 Introduction to Biological Research
 BIO 411 Molecular Cell Biology Lecture
 BIO 411 Molecular Cell Biology Laboratory
 BIO 421 General and Comparative Physiology Lecture
 BIO 421 General and Comparative Physiology Laboratory
 BIO 429 Secondary Methods: Science
 BIO 431 Developmental Biology Lecture
 BIO 431 Developmental Biology Laboratory
 BIO 451 Biology Seminar
 BIO 454 Special Topics
 BIO 456 Bioethics
 BIO 457 Principles of Immunology Lecture
 BIO 457 Principles of Immunology Laboratory
 BIO 458 Marine Ecology Lecture

BIO 458 Marine Ecology Laboratory
 BIO 499 Individual Research and Senior Paper
 BIO 999 Elective

PreHealth Professions

PHP 100 Prehealth Seminar
 PHP 400 Medical Seminar
 PHP 999 Elective

Physiology

PHS 223 Human Anatomy Lecture
 PHS 223 Human Anatomy Laboratory
 PHS 224 Human Physiology Lecture
 PHS 224 Human Physiology Laboratory
 PHS 999 Elective

Chemistry

CHE 101 Principles of Chemistry Lecture
 CHE 101 Principles of Chemistry Laboratory
 CHE 111 General Chemistry I Lecture
 CHE 111 General Chemistry I Laboratory
 CHE 112 General Chemistry II Lecture
 CHE 112 General Chemistry II Laboratory
 CHE 211 Organic Chemistry I Lecture
 CHE 211 Organic Chemistry I Laboratory
 CHE 212 Organic Chemistry II Lecture
 CHE 212 Organic Chemistry II Laboratory
 CHE 300 Quantitative Analysis Lecture
 CHE 300 Quantitative Analysis Laboratory
 CHE 303 Physical Chemistry I Lecture
 CHE 303 Physical Chemistry I Laboratory
 CHE 304 Physical Chemistry II
 CHE 400 Chemical Instrumentation Lecture
 CHE 400 Chemical Instrumentation Laboratory
 CHE 449 Chemistry Research Laboratory
 CHE 452 Seminar
 CHE 454 Recombinant DNA Technology
 CHE 455 Oncological Chemistry
 CHE 456 Inorganic Chemistry
 CHE 458 Chemistry Internship
 CHE 459 Biochemistry Lecture
 CHE 459 Biochemistry Laboratory
 CHE 471 Structure and Bonding
 CHE 473 Medicinal Chemistry
 CHE 474 Environmental Analysis
 CHE 499 Individual Research and Senior Paper
 CHE 999 Elective

ENGINEERING, COMPUTER SCIENCE, PHYSICS, AND MATHEMATICS DEPARTMENT

John Matsson, Ph.D., *Chair*

MISSION STATEMENT: The Engineering, Computer Science, Physics, and Mathematics Department (ECSPM) seeks to provide students with the knowledge, skills, and experiences that will prepare them to solve real world problems within the context of a Christian worldview. This training (1) equips students in the application of science, mathematics, and computing for the improvement of the physical world, and (2) enables graduates to enter the engineering and scientific communities and contribute to the healing of the human condition. The department supports the overall university mission by developing analyti-

cal reasoning, technological competence, and problem solving in science, math, and engineering and by promoting understanding and reconciliation among the fields of science and theology.

OVERVIEW

The Engineering, Computer Science, Physics, and Mathematics Department (ECPM) offers bachelor's degrees in seven fields: (1) engineering, (2) engineering physics, (3) biomedical engineering, (4) environmental sustainability, (5) computer information technology, (6) mathematics, and (7) mathematics education. The department also offers minors in three fields (physics, environmental studies, and mathematics) and general education courses for students university-wide.

An articulation program simplifies the transfer for students from Tulsa Community College (TCC) engineering programs to the engineering programs at ORU. The program is designed to enable students to earn an associate in science degree from TCC and then transfer to ORU to complete a bachelor's degree in science.

GENERAL EDUCATION SCIENCE COURSES

The department offers several courses that satisfy the general education lab science requirement at ORU. These include physical science, earth science, environmental geography, and environmental science. Cultural geography is also offered as a service or elective course for other majors. Additionally, summer field courses in environmental science are offered through an agreement with the Au Sable Institute in Michigan.

DEGREE PROGRAMS

Engineering (B.S.E.)

The ECPM Department has an ABET accredited bachelor of science in engineering (B.S.E.) degree with a mechanical, electrical, or computer engineering concentration. This degree is designed to prepare students to enter professional engineering practice and to provide instruction that will serve as an adequate foundation for graduate studies. This curriculum includes concentrations in electrical engineering, mechanical engineering, and computer engineering.

Biomedical Engineering (B.S.)

The bachelor of science degree with a major in biomedical engineering is designed to provide an engineering background for students planning to pursue advanced studies in biomedical engineering, medicine, or other health professions. This degree is not designed for students who want to enter directly into the practice of professional engineering following undergraduate study.

Computer Information Technology (B.S.)

The bachelor of science degree with a major in computer information technology is designed to provide (1) an appreciation for the impact of the computer on modern-day society, (2) valuable skills for use in any discipline, (3) training in rapidly growing information technology; (4) application development and deployment; (5) background necessary for graduate work in information technology. The information technology major trains students to apply the fundamental principles of information technology to projects, enterprise, operations, application implementation, security, and main systems utilized in science, business, education, and government.

Students majoring in computer information technology major may choose to follow a fast-track path to an MBA degree. More information is available in the following section titled "Special Opportunities--Fast Track."

Engineering Physics (B.S.)

The department offers a course of study leading to a bachelor of science degree with a major in engineering physics. Physics is the study of physical phenomena that occur in the universe. Knowledge of physics is required to understand the mechanisms that hold matter together at the subatomic, atomic, observational, and astronomic levels. As the principles of physics find wide application in other branches of science (e.g., chemistry, biology, medicine, etc.) the engineering physics major is designed to provide the necessary tools for students to become professional physicists who upon graduation may choose to enter industry, professional school, or graduate school. To prepare physics students for careers in engineering or physics upon graduating, the engineering physics curriculum emphasizes application of physics concepts to various engineering topics and problems. During the senior year, students may choose to study either a design problem or a research problem.

Environmental Sustainability (B.S.)

The bachelor of science degree with a major in environmental sustainability is designed to allow students to combine training in the fundamentals of environmental science with instruction to other pertinent fields of study. Stewardship of the environment and management of natural resources are seen as essential steps to providing for the needs of future generations. Such endeavors involve a wide range of professional disciplines. In this degree, students complete a core of environmental classes and also pursue two minors from a list that includes sociology, social justice, business, government, international relations, biology, chemistry, writing, journalism, missions, and recreation management. The degree prepares students to seek graduate degrees in related specialties.

Mathematics (B.S.)

The bachelor of science degree with a major in mathematics is designed to meet the needs of students seeking (1) a general appreciation of mathematics, (2) a foundation for graduate study in mathematics, and (3) mathematical tools required by other majors. Studying and researching the classical fields of mathematics helps to develop knowledge, skills, and reasoning abilities necessary to pursue advanced studies in mathematics.

Mathematics Education (B.S.)

Students seeking licensure to teach at the secondary levels have two options: (1) completion of the mathematics education major, which leads to standard certification or (2) completion of any other major in the Engineering, Computer Science, Physics, and Mathematics Department, which can lead to alternative certification. As alternative certification is intended for those seeking career changes, requirements vary widely from state to state, and laws governing these programs can change frequently. Therefore, students interested in pursuing alternative certification need to meet with the ORU College of Education's certification officer to ensure they are well informed prior to choosing this option. Students pursuing alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they

meet specific requirements for that state's alternative certification.

ADMISSION TO THE ENGINEERING PROGRAM

Engineering is the discipline and profession of applying mathematics and natural sciences to design and implement solutions of relevant problems in society. Engineers are professionals who turn ideas into reality, designing products and processes that are beneficial to people.

Initial admission to pursue a major in any of the engineering disciplines is provisional. Transfer students and students transferring from other majors at ORU must meet the same requirements to be fully admitted to the engineering degree program. Full admission is based on the following steps:

- Completion of the required engineering, science, and math courses as listed through the third semester of the respective degree plans with a minimum GPA of 2.25 in those courses.
- Submission of a written application, including an unofficial transcript, to the chairman expressing intent to enter the full program.
- Completion of an interview with the engineering faculty prior to final acceptance.

In addition, students must earn at least a grade of "C" in any prerequisite courses in order to continue in the engineering courses. To successfully complete the program, students must earn a grade of "C" or above in all major and cognate courses as well as MAT 201, PHY 111, and CHE 111. Students may not repeat a course more than two times.

SPECIAL OPPORTUNITIES

Fast-Track Program

The Fast Track Program allows ORU senior students to enroll concurrently in graduate courses and apply those hours toward a master's degree. Students may register for a maximum of six semester hours of graduate courses per semester.

These students remain classified as undergraduates by the university and are billed the corresponding undergraduate tuition rate as long as enrollment remains between 12.0 and 18.5 credit hours. If enrollment is below 12.0 or exceeds 18.5 credit hours, they are billed the corresponding graduate per-credit-hour tuition rate. Students may earn up to 12 hours towards a graduate degree through the fast-track program. Graduate level courses taken through the fast-track program may not be used to fulfill undergraduate degree requirements.

Students in the computer information technology major and whose vision includes the earning of the Master of Business Administration (MBA) degree may reduce the time necessary to complete their study by enrolling in the Fast-Track Program. Undergraduate students in the computer information technology major need to minor in business and take two leveling courses, which serve to help the student meet prerequisites.

Business Minor

ACT 215	Principles of Financial Accounting I	3
BUS 201	Principles of Economics I	3
MGT 130	Principles of Management	3
MKT 130	Principles of Marketing	3

For the elective section of the minor,

students need to take the following courses:

ACT 216	Principles of Accounting II	3
BUS 325	Business Law	3

Leveling Courses

FIN 338	Financial Management	3
BUS 372	Business Ethics	3

To participate, a student needs to apply to the College of Business graduate admissions. General criteria used for acceptance include a 3.0 GPA and an approved undergraduate major; students with a GPA below 3.0 may be considered on a case-by-case basis.

CLUBS AND ORGANIZATIONS

The ORU student section of the **American Society of Mechanical Engineers (ASME)** meets regularly to promote networking among professionals with a mechanical engineering emphasis. Participation with ASME professional development conferences offers students opportunities to present research and interact with working professionals.

The ORU chapter of the **Association for Computing Machinery (ACM)** provides students opportunities to establish relationships and share technological experiences and resources with professionals in the information technology field. ACM is an international scientific and educational organization dedicated to advancing the art, science, engineering, and application of information technology.

The **Environmental Stewardship Club** encourages students who are interested in improving the physical environment and learning how to be better stewards of God's creation to meet regularly to hear speakers, have fellowship, and perform service projects. Students in any major are invited to participate.

The ORU student section of the **Institute of Electrical and Electronics Engineers (IEEE)** offers opportunities for students with electrical engineering or computer engineering emphases to engage in professional collaboration and participate in student competitions.

Students demonstrating scholarship in mathematics are invited to participate in the student chapter of **Kappa Mu Epsilon**, a mathematics honor society. The society hosts conferences and competitions to promote instruction and research in mathematics.

Opportunities for professional networking and development are also available to students through participation with the ORU student section of the **Society of Hispanic Professional Engineers**.

AWARDS AND SCHOLARSHIPS

In recognition of scholarship, leadership, and ORU lifestyle commitment, the Engineering, Computer Science, Physics, and Mathematics Department—individually as well as in collaboration with the Biology and Chemistry Department—annually honors outstanding students by presenting the following awards:

Outstanding Senior Awards. The department annually honors a graduating senior in each of the following majors: biomedical engineering, computer science, engineering, engineering physics, environmental engineering, mathematics, and mathematics education. The department also recognizes the overall outstanding graduating senior.

Outstanding Senior Paper. This recognizes the department's best senior paper in each major.

Outstanding Research Design Project. This recognizes the department's best senior research project.

Science Faculty and Alumni Scholarship. This award of approximately \$600 is granted to one rising

sophomore, one rising junior, and one rising senior from the Biology and Chemistry Department, and the Engineering, Computer Science, Physics, and Mathematics Department. The award is based on financial need and scholarship and is funded by contributions from alumni and faculty members.

James Wilkes Pugh Memorial Scholarship. This fund is designated for majors in the natural sciences (Biology and Chemistry Department and the Engineering, Computer Science, Physics, and Mathematics Department) who live in the Ozark regions of Missouri, Arkansas, and Oklahoma. This award is approximately \$500.

Computer Science and Mathematics Scholarship. This award of \$150 is granted based on need and performance to a junior student with a major in computer science, mathematics, or mathematics education.

American Society of Mechanical Engineers Scholarship. This award, given to a junior or senior in the Engineering, Computer Science, Physics, and Mathematics Department, is based on academic merit and financial need.

Alumnus of the Year. This recognizes the outstanding Engineering, Computer Science, Physics, and Mathematics alumnus.

ENGINEERING MAJOR (EGR)

Bachelor of Science in Engineering

The degree requirements for the bachelor of science in engineering consist of general education courses, the engineering major, and one area of concentration.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Biblical Literature (BLIT 110,120)	6
Theology (THE 103)	3
Chemistry (CHE 111 lecture and lab)**	4
Physics (PHY 111 lecture and lab)	4
Mathematics (MAT 201)	4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (BUS 201 recommended)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	56

*At least one course must be chosen from list courses marked with asterisks.

**Chemistry 112 lecture and lab may be substituted for Physics 111 lecture and lab for students who have a strong background in high school physics.

Major	Credit Hours
EGR 100 Engineering/Physics Seminar*	0
EGR 101 Introduction to Engineering	2
EGR 140 Engineering Graphics	2
EGR 210 Network Analysis I (lecture and lab)	4
EGR 221 Mechanics I: Statics	3
EGR 231 Heat and Thermodynamics	3

EGR 461 Engineering Management and Economy	2
EGR 498 Senior Design and Research I	2
EGR 499 Senior Design and Research II	2
PHY 112 Physics II (lecture and lab)	4
EGR Concentration	40
One of the following courses**	3
EGR 252 Engineering Computational Methods	
CSC 111 Introduction to Computing	

Major Total 67

*All students must enroll in the seminar course each semester they are enrolled in this major.

**Computer engineering concentration students take CSC 111; all others take EGR 252.

Cognate	Credit Hours
MAT 202 Calculus II	4
MAT 211 Differential Equations	3
MAT 321 Calculus of Functions of Several Variables	4
MAT Elective (upper division)	3
Cognate Total	14

Note: As part of the engineering major, students need to select one of the following concentrations. Technical electives should be chosen so that there are sufficient engineering science and engineering design components to prepare students for professional practice in the chosen concentration.

Electrical Engineering Concentration (EEC)	Credit Hours
PHY 211 Introduction to Modern Physics (lecture and lab)	4
EGR 222 Mechanics II: Dynamics	3
EGR 330 Control Systems	3
EE 311 Network Analysis II	3
EE 321 Electronics I (lecture and lab)	4
EE 322 Electronics II (lecture and lab)	4
EE 360 Electromagnetic Theory	3
CMPE 340 Digital Systems Design	4
Choice of four of the following courses:	12
EE 325 Design w/ Standard Components	
EE 361 Power Systems Analysis	
EE 450 Digital Signal Processing	
EGR 331 Design of Control Systems	
CMPE 312 Computer Networks and Communications	
CMPE 441 Microprocessor Systems Design	
CMPE 443 Computer Architecture	
CMPE 450 Special Topics	

Electrical Engineering Concentration Total 40

Mechanical Engineering Concentration (MEC)	Credit Hours
EGR 222 Mechanics II: Dynamics	3
EGR 330 Control Systems	3
ME 321 Mechanics of Materials	3
ME 331 Applied Thermodynamics	3
ME 381 Principles of Design	3
ME 433 Heat Transfer	3
ME 441 Fluid Mechanics	3
ME 444 Experimental Methods	3
ME 447 Finite Element Method	3
ME 461 Manufacturing Processes	3
EE 321 Electronics I (lecture and lab)	4
Choice of two of the following courses:	6
EGR 331 Design of Control Systems	
ME 371 Machines and Mechanisms	
ME 450 Special Topics: Spiritual Engineering	
ME 450 Special Topics: Fluid Mechanics Research	

Concentration Total 40

■Computer Engineering Concentration (CEC)

PHY 211	Introduction to Modern Physics (lecture and lab)	4
CSC 255	Data Structures	3
CMPE 340	Digital Systems	3
CMPE 441	Microprocessor Systems Design	3
CMPE 443	Computer Architecture	3
EE 321	Electronics I (lecture and lab)	4
EE 322	Electronics II (lecture and lab)	4
Choice of five of the following courses:		15
CMPE 312	Computer Networks and Communications	
CMPE 450	Special Topics**	
EE 311	Network Analysis II	
EE 325	Design with Standard Components	
EE 361	Power Systems Analysis	
EE 450	Special Topics**	
Concentration Total		40
Degree Total		137

**Special topics need to be Artificial Intelligence (CMPE) or Digital Signal Processing (EE 450).

BIOMEDICAL ENGINEERING MAJOR (EGRB)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Chemistry (CHE 111 lecture and lab)	4
Physics (PHY 111 lecture and lab)	4
Mathematics (MAT 201)	4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (BUS 201)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	56

*At least one course must be chosen from list courses marked with asterisks.

Major

EGR 100	Engineering/Physics Seminar *	0
EGR 101	Introduction to Engineering	2
EGR 140	Engineering Graphics	2
EGR 210	Network Analysis I (lecture and lab)	4
EGR 221	Mechanics I: Statics	3
EGR 222	Mechanics II: Dynamics	3
EGR 252	Engineering Computational Methods	3
EGR 498	Senior Design and Research I	2
EGR 499	Senior Design and Research II	2
BE 310	Biomedical Engineering Survey	3
EE 311	Network Analysis II	3
EE 321	Electronics I (lecture and lab)	4
EE 322	Electronics II (lecture and lab)	4
EE 360	Electromagnetic Theory	3
CHE 112	General Chemistry II (lecture and lab)	4

CHE 211	Organic Chemistry I (lecture and lab)	4
CHE 212	Organic Chemistry II (lecture and lab)	4
PHY 112	Physics II (lecture and lab)	4
BIO 111	Introduction to Biology I (lecture and lab)	4
PHS 223	Human Anatomy and Physiology I (lecture and lab)	4
PHS 224	Human Anatomy and Physiology II (lecture and lab)	4
Choice of one of the following lectures and labs:		4
BIO 311	Genetics (lecture and lab)	
BIO 411	Molecular Cell Biology (lecture and lab)	
BIO 431	Developmental Biology (lecture and lab)	
Major Total		70

*All students must enroll in the seminar course each semester they are enrolled in this major.

Cognate

MAT 202	Calculus II	4
MAT 211	Differential Equations	3
MAT 321	Calculus of Functions of Several Variables	4

Cognate Total 11

Degree Total 137

ENGINEERING PHYSICS MAJOR (EGRP)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Chemistry (CHE 111, 112 lecture and lab)	8
Mathematics (MAT 201)	4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (BUS 201)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	56

*At least one course must be chosen from list courses marked with asterisks.

Major

PHY 111	Physics I (lecture and lab)	4
PHY 112	PHYSICS II (LECTURE AND LAB)	4
PHY 211	Modern Physics (lecture and lab)	4
PHY 302	Heat and Thermodynamics	3
PHY 311	Mechanics I: Statics	3
PHY 312	Mechanics II: Dynamics	3
PHY 321	Electronics I (lecture and lab)	4
PHY 331	Electromagnetic Theory	3
PHY 341	Advanced Physics Laboratory	1
PHY 401	Optics	3
PHY 402	Quantum Mechanics	3
PHY 498	Senior Research and Design I	2
PHY 499	Senior Research and Design II	2
PHY/EGR	Elective (upper division)	3

EGR 100	Engineering/Physics Seminar*	0
EGR 101	Introduction to Engineering	2
EGR 140	Engineering Graphics	2
EGR 210	Network Analysis I (lecture and lab)	4
EGR 252	Engineering Computational Methods	3

Major Total 53

*All students must enroll in the seminar course each semester they are enrolled in this major.

Minor

MAT 202	Calculus II	4
MAT 211	Differential Equations	3
MAT 312	Linear and Matrix Algebra	3
MAT 321	Calculus of Functions of Several Variables	4
MAT 325	Probability and Statistics	3

Minor Total Electives 17 6

Degree Total 132

ENVIRONMENTAL SUSTAINABILITY MAJOR (EVRS)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Chemistry (CHE 101or 111 lecture and lab)	4
Biology (BIO 101 or 111 lecture and lab)	4
Mathematics (MAT113, 201, or 232)	4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (BUS 201)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	56

*At least one course must be chosen from list courses marked with asterisks.

Major

EVE 201	Global Development and Sustainability	3
EVR 350	Environmental Science (lecture and lab)	4
EVR 380	Internship	3
EVR 450	Current Global Issues Seminar	3
EVR 499	Senior Paper	3
AUS*		4
THE 401	Ethics	3
PSC 201	Principles of Earth Science (lecture and lab)	4
BUS 202	Principles of Economics II	3
Major Total		30

*Au Sable course taken during the summer at the Au Sable Michigan campus or Pacific Rim campus.

Students with the environmental sustainability major need to choose **two** minors from the following list.

Minor

Biology	20
Business	18
Chemistry	20
Government	18
International Relations	18
Journalism	18
Missions	18
Recreation Administration	18
Social Justice	18
Sociology	18
Writing	18

Total for Two Minors 36-40
Electives** 9

Degree Total 130-134

**Electives should be chosen from areas related to the student's minors.

MATHEMATICS MAJOR (MAT)

Bachelor of Science

The mathematics curriculum is designed to meet the needs of students seeking (1) a general cultural background, (2) a foundation for graduate study in mathematics, and (3) mathematical tools required by other majors.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Mathematics (MAT 207)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Choice of one of the following sequences: BIO 111 and 112 (lecture and lab) CHE 111 and 112 (lecture and lab) PHY 111 and 112 (lecture and lab)	
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	55

*At least one course must be chosen from list courses marked with asterisks.

Major

MAT 201	Calculus I	4
MAT 202	Calculus II	4
MAT 211	Differential Equations	3
MAT 300	Senior Paper/Project Preparation	1
MAT 312	Linear and Matrix Algebra	3

MAT 321	Calculus of Functions of Several Variables	4
Choice of two of the three following courses:		6
MAT 325	Probability and Statistics	
MAT 401	Higher Algebra	
MAT 421	Advanced Calculus	
MAT	Elective (MAT 300 level or above)	3
MAT 499	Senior Paper/Project	2

Major Total 30

Cognate

CSC 111	Introduction to Computing	3
CSC 255	Data Structures	3

Cognate Total 6
Minor 18
Electives 19

Degree Total 128

COMPUTER INFORMATION TECHNOLOGY MAJOR (CIT)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Mathematics (MAT 114 or 201)	3-4
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (BIO, CHE, PHY)	8
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 201, BUS 201)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	55-56

*At least one course must be chosen from list courses marked with asterisks.

Major

CSC 111	Introduction to Computing	3
CIS 216	Project Management	3
CIS 302	Enterprise Development	3
CIS 304	System Analysis/Design	3
CIS 306	Database Development	3
CIS 428	Information System	3
CIS 442	Information System Security	3
CMPE 443	Computer Architecture	3
CSC 300	Senior Paper Preparation	3
CSC 341	Internet Programming	3
CSC 441	Data Communications	3
CSC 450	Internship	3
CSC 499	Senior Paper/Project	3

Major Total 36

Cognate

CSC 255	Data Structures	3
MAT 208	Elementary Discrete Mathematics	3
Choice of one of the following:		3
CSC 232	Elementary Statistics	
MAT 325	Probability and Statistics	

Cognate Total 9
Minor** 17-18
Electives 9-11

Degree Total 128

**Students need to choose a business minor or a mathematics minor; other minors need approval. Students choosing a business minor may choose to follow the Fast-Track Program toward a Master of Business Administration (MBA). More information is available in the preceding section titled "Special Opportunities--Fast track."

MATHEMATICS EDUCATION MAJOR (MATE) WITH SECONDARY SCHOOL TEACHING LICENSURE

Bachelor of Science

Students seeking licensure to teach at the secondary levels have two options: (1) completion of the mathematics education major, which leads to standard certification or (2) completion of any other major in the Computer Science/Mathematics Department, which can lead to alternative certification. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education of any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification. Students interested in a teaching license should work closely with the advisor in the major department.

This major is designed for students wanting to teach mathematics at the middle or high school levels and meets the State of Oklahoma specific requirements for licensure. This major is offered in cooperation with the ORU College of Education; therefore, students interested in this major should work with both the advisor in this department and with the College of Education.

Students may earn licensure in a second subject/content area. The Oklahoma Commission for Teacher Preparation requires the OSAT/OPTE test(s) be passed in order to obtain a license in an additional subject/content area. Students interested in completing coursework toward additional licensing should consult the subject area advisor.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Mathematics (MAT 114)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3

Biology (BIO 101 or 111 lecture and lab)	4	(lecture and lab)	
Physical Science (PSC 101 lecture and lab)	4	PHY Electives (upper division)	6
Social Sciences (SOC 323)	3		
American History (HIS 101)	3	Total	18
American Government (GOV 101)	3		
Foreign Language Proficiency PRF 001	0	Cognate	
(exam or 102 level of a foreign language class)		MAT 201 Calculus I	4
Health, Physical Education, and Recreation	4.5	MAT 202 Calculus II	4
(one course per full-time semester			
at ORU, including HPE 001 and 002,		Cognate Total	8
Basic First Aid/CPR, swimming course			
or proficiency, and electives)		Minor Total	26
General Education Total	54.5		

*At least one course must be chosen from list courses marked with asterisks.

Major

MAT 201	Calculus I	4
MAT 202	Calculus II	4
MAT 207	Discrete Mathematics	3
MAT 211	Differential Equations	3
MAT 221	Math Concepts I	3
MAT 312	Linear and Matrix Algebra	3
MAT 313	College Geometry	3
MAT 315	History of Mathematics	3
MAT 321	Calculus of Functions of Several Variables	4
MAT 325	Probability and Statistics	3
MAT 401	Higher Algebra	3
Choice of one of the following		3
MAT 318	Elementary Number Theory	
MAT 421	Advanced Calculus	
Major Total		39

*Math education students may include MAT 499 Senior Paper in these elective hours. The math education advisor has further information.

Cognate

CSC 111	Introduction to Computing	3
CSC 255	Data Structures	3
MAT 451	Mathematics Education Internship	2
Cognate Total		8

Professional Education

PED 100	Education Seminar (every semester)	0
PED 121	Field Experience/ Based Practicum (Secondary)	1
PED 203	Foundations and Methods of Education	3
PED 222	School Health Care	1
PED 305	Pedagogy I	4
PED 306	Pedagogy II	4
PED 361	Professional Education Seminar/ Portfolio	0
PED 485	Student Teaching: 7-9	5
PED 495	Student Teaching: 10-12	5
MAT 428	Secondary Methods: Mathematics	3
Professional Education Total		26
Electives		3
Degree Total		130.5

PHYSICS MINOR (PHYM)

This program is designed for students majoring in another discipline who desire a minor in physics.

PHY 111	Physics I (lecture and lab)	4
PHY 112	Physics II (lecture and lab)	4
PHY 211	Introduction to Modern Physics	4

ENVIRONMENTAL STUDIES MINOR (ENVM)

The stewardship of the environment is of interest to all students regardless of their majors. To assist our community in making appropriate choices on environmental issues, we offer a minor in environmental studies. Students in any major may opt for this minor; however, some courses have prerequisites.

The curriculum for the minor combines in-class courses and field courses. Students should consult the advisor in the Engineering, Computer Science, Physics, and Mathematics Department so that there will be an appropriate combination of courses. Some courses are available through Au Sable Institute in northern Michigan and may be taken in summer terms.

BIO 312	Ecology (lecture and lab)	4
EVR 350	Environmental Science (lecture and lab)	4
EVR 450	Current Global Issues Seminar	3
Choice of one of the following sequences:		4
CHE 101	Principles of Chemistry (lecture and lab)	
CHE 111	General Chemistry I (lecture and lab)	
Choice of one course from the following:		4
BIO 458	Marine Ecology (lecture and lab)	
CHE 400	Chemical Instrumentation (lecture and lab)	
AUS 216	Field Geology	
AUS 302	Limnology	
AUS 311	Field Botany	
AUS 471	Conservation Biology	
AUS 482	Restoration Ecology	
Minor Total		19

*Courses with an AUS prefix are offered only at the Au Sable Institute in Michigan. The Biology Department section in this catalog has more information on this institute.

Note: Of the 19 hours, eight must be in field studies. EVR 350 lecture and lab combination may be taken as honors lab science course to meet 4 hours of general education requirements.

MATHEMATICS MINOR (MATM)

MAT 201	Calculus I	4
MAT 202	Calculus II	4
MAT 207	Discrete Mathematics	3
MAT 312	Linear and Matrix Algebra	3
MAT	Elective (MAT 300 level or above)	3
Minor Total		17

TRANSFERRING TO ORU WITH AN A.S. DEGREE (FROM TULSA COMMUNITY COLLEGE)

An articulation agreement between Tulsa Community College (TCC) and ORU has been developed to assist students having an associate of science degree in engineering or biology to obtain a bachelor of science in one of the engineering or physics majors at ORU. This agreement allows students from TCC to transfer to ORU and receive the maximum allowable credit towards a bachelor's degree. Additional information is in the admissions section of this catalog.

Degree Requirements

Students with an associate's degree in engineering or biology from TCC and planning to major in engineering (mechanical, electrical, or computer) or biomedical engineering at ORU need to take the following general education courses at TCC and ORU. All TCC course work must be completed before taking ORU courses.

TCC General Education Total	21-24 hrs.
Freshman Composition (ENGL 1113, 1213)	6
Speech Communication (SPCH 1113)**	3
US History (HIST 1483 or 1493)	3
Humanities Electives	9
American Government (POLS 1113)	3
Social Sciences (PSYC 1113 or SOCI 1113)	3

ORU General Education Total	18-21 hrs.
Whole Person Assessment (GEN 099)	0
English (COMP 303)	3
Oral Communication (COM 101)**	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Humanities (Choice of HUM 101, 222, 233, 244, 301, 333)	3
Health, Physical Education, and Recreation (HPE 001 and 002, swimming course or proficiency, two electives)	3

**Students planning to major in engineering with a concentration in computer science take speech at ORU. Students planning to major in biomedical engineering or engineering with a concentration in electrical or mechanical take speech at TCC.

B.S. Degree in Biomedical Engineering

Students seeking an associate's degree in biology from TCC and a bachelor's degree in biomedical engineering from ORU take courses and earn credit hours in the following areas:

TCC Associate's Degree Total	72 hrs.
•TCC general education (24 hrs.)	
•TCC biology program (36 hrs.)	
•TCC specified electives (12 hrs.)	

ORU Total	67 hrs.
•ORU general education (18 hrs.)	
•ORU biomedical engineering major (49 hrs.)	

TCC-ORU Bachelor's Degree Total	139 hrs.
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In addition to the general education courses listed earlier in this section, students wanting to major in biomedical engineering at ORU need to take the following biology program at TCC and engineering courses at

ORU.

TCC Biology Program	36 hrs.
Biology (BIOL 1224, 1604, 2134, 2154)	16
Chemistry (CHEM 1315, 1415, 2145, 2245)	20

TCC Electives	12 hrs.
Physics (PHYS 2034)	4
Mathematics (MATH 2114, 2124)	8

ORU Biomedical Engineering Major	49 hrs.
BE 310 Biomedical Engineering Survey	3
EGR 100 Engineering and Physics Seminar*	0
EGR 101 Introduction to Engineering	2
EGR 140 Engineering Graphics	2
EGR 210 Network Analysis I (lecture and lab)	4
EGR 221 Mechanics I: Statics	3
EGR 222 Mechanics II: Dynamics	3
EGR 252 Engineering Computational Methods	3
EGR 498/499 Senior Design and Research I and II	4
EE 311 Network Analysis II	3
EE 321/322 Electronics I and II (lecture and lab)	8
EE 360 Electromagnetic Theory	3
MAT 211 Differential Equations	3
MAT 321 Calculus of Functions of Several Variables	4
PHY 112 Physics II (lecture and lab)	4

*Required each semester of enrollment in this major.

B.S.E. Degree in Engineering

Students seeking an associate's degree in engineering from TCC and a bachelor's degree in engineering with a choice of concentration (mechanical, electrical, or computer) from ORU take specific engineering courses at TCC and ORU based on the concentration (mechanical, electrical, or computer) the student is pursuing.

✓ Concentration: Computer	
TCC Associate's Degree Total	70 hrs.
•TCC general education (21 hrs.)	
•TCC electrical/computer engineering program (46 hrs.)	
•TCC recommended elective (3 hrs.)	

ORU Total	72 hrs.
•ORU general education (21 hrs.)	
•ORU engineering major (57 hrs.)	

TCC-ORU Bachelor's Degree Total	148 hrs.
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TCC Computer Engineering Total	45 hrs.
Chemistry (CHEM 1315)	5
Computer Science (CSCI 1901, 2473, 2843)	7
Engineering (ENGR 1111, 1132, 2613)	6
Mathematics (MATH 2114, 2124, 2134, 2613)	15
Physics (PHYS 2034, 2124)	8

ORU Engineering Major (Computer)	57 hrs.
CMPE 340 Digital Systems	4
CMPE 441 Microprocessor Systems Design	3
CMPE 443 Computer Architecture	3
CSC 255 Data Structures	3
EE 321/322 Electronics I and II (lecture and lab)	8
EGR 100 Engineering and Physics Seminar*	0
EGR 101 Introduction to Engineering	2
EGR 140 Engineering Graphics	2
EGR 210 Network Analysis I Lab	1
EGR 221 Mechanics I: Statics	3
EGR 222 Mechanics II: Dynamics	3
EGR 232 Heat and Thermodynamics	3
EGR 461 Engineering Management and Economy	2
EGR 498/499 Senior Design and Research I and II	4
PHY 211 Introduction to Modern Physics	4

(lecture and lab)	
EE/CMPE/CSC Technical Electives	12
*Required each semester of enrollment in this major.	

✓ Concentration: Mechanical Engineering

TCC Associate's Degree Total	70 hrs.
•TCC general education (24 hrs.)	
•TCC engineering program (46 hrs.)	

ORU Total	69 hrs.
•ORU general education (18 hrs.)	
•ORU engineering major (51 hrs.)	

TCC-ORU Bachelor's Degree Total	139 hrs.
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TCC Engineering Total	46 hrs.
Chemistry (CHEM 1315)	5
Engineering (ENGR 1111, 1132, 2103, 2143, 2213, 2523, 2613)	18
Mathematics (MATH 2114, 2124, 2134, 2613)	15
Physics (PHYS 2034, 2124)	8

ORU Engineering Total (Mechanical)	51
EE 321 Electronics I (lecture and lab)	4
EGR 100 Engineering and Physics Seminar*	0
EGR 101 Introduction to Engineering	2
EGR 140 Engineering Graphics	2
EGR 210 Network Analysis I Lab	1
EGR 252 Engineering Computational Methods	3
EGR 330 Control Systems	3
EGR 461 Engineering Management and Economy	2
EGR 498/499 Senior Design and Research I and II	4
MAT Mathematics Elective (upper division)	3
ME 331 Applied Thermodynamics	3
ME 381 Principles of Design	3
ME 433 Heat Transfer	3
ME 441 Fluid Mechanics	3
ME 444 Experimental Methods	3
ME 447 Finite Element Method	3
ME 461 Manufacturing Processes	3
ME/EGR Technical electives (2 approved courses)	6

*Required each semester of enrollment in this major.

✓ Concentration: Electrical

The engineering major with the electrical concentration provides two options at TCC: one that focuses on electrical engineering and one that includes computer science. TCC students need to choose one of these two options.

TCC Associate's Degree Total	70 hrs.
•TCC general education (24 hrs.)	
•TCC engineering program (45 hrs.)	
•TCC recommended elective (1 hr.)	

ORU Total	72 hrs.
•ORU general education (18 hrs.)	
•ORU engineering major (54 hrs.)	

TCC-ORU Bachelor's Degree Total	142 hrs.
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TCC Engineering Total	45 hrs.
Chemistry (CHEM 1315)	5
Engineering (ENGR 1132, 2103, 2143, 2213, 2523, 2613)	17
Mathematics (MATH 2114, 2124, 2134, 2613)	12
Physics (PHYS 2034, 2124)	8

TCC Elective	1 hr.
Engineering (ENGR 1111)	4

ORU Engineering Total (Electrical)	54
EGR 100 Engineering and Physics Seminar*	0
EGR 101 Introduction to Engineering	2
EGR 140 Engineering Graphics	2
EGR 210 Network Analysis I Lab	1
EGR 252 Engineering Computational Methods	3
EGR 330 Control Systems	3
EGR 461 Engineering Management and Economy	2
EGR 498 Senior Design and Research I	1
EGR 499 Senior Design and Research II	4
EE 311 Network Analysis II	3
EE 321 Electronics I (lecture and lab)	4
EE 322 Electronics II (lecture and lab)	4
EE 360 Electromagnetic Theory	3
CMPE 340 Digital Systems Design	4
MAT Elective (upper division)	3
PHY 211 Modern Physics (lecture and lab)	4
EE Electives (upper division)	12

*Required each semester of enrollment in this major.

B.S. Degree in Engineering Physics

Students seeking an associate's degree in physics from TCC and a bachelor's degree in engineering physics from ORU take courses and earn credit hours in the following areas:

TCC Associate's Degree Total	66 hrs.
•TCC general education (27 hrs.)	
•TCC physics program (26 hrs.)	
•TCC recommended electives (13 hrs.)	

ORU Total	66 hrs.
•ORU general education (15 hrs.)	
•ORU engineering physics major (51 hrs.)	

TCC-ORU Bachelor's Degree Total	132 hrs.
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Students wanting to complete this program need to pass the following courses at TCC and ORU.

TCC General Education Total	27 hrs.
Freshman Composition (ENGL 1113, 1213)	6
Speech Communication (SPCH 1113)	3
US History (HIST 1483 or 1493)	3
Humanities Electives	9
American Government (POLS 1113)	3
Social Sciences (PSYC 1113 or SOCI 1113)	3

TCC Physics Program	26 hrs.
Physics (PHYS 2034, 2124)	8
Chemistry (CHEM 1315, 1415)	10
Mathematics (MATH 2114, 2124)	8

TCC Electives	13 hrs.
Engineering (ENGR 2103, 2523)	
Mathematics (MATH 2134, 2613)	

ORU General Education Total	15 hrs.
Whole Person Assessment (GEN 099)	0
English (COMP 303)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Health, Physical Education, and Recreation (HPE 001 and 002, swimming course or proficiency, two electives)	3

ORU Engineering Physics Major	51 hrs.
EGR 100 Engineering and Physics Seminar*	0
EGR 101 Introduction to Engineering	2
EGR 140 Engineering Graphics	2
EGR 210 Network Analysis I (lecture and lab)	4
EGR 252 Engineering Computational Methods	3

MAT 312	Linear and Matrix Algebra	3
MAT 325	Probability and Statistics	3
PHY 211	Modern Physics (lecture and lab)	4
PHY 302	Heat and Thermodynamics	3
PHY 321	Electronics I (lecture and lab)	4
PHY 331	Electromagnetic Theory	3
PHY 341	Advanced Physics Lab	1
PHY 401	Optics	3
PHY 402	Quantum Mechanics	3
PHY 498/499	Senior Research and Design I and II	4
PHY	Elective (upper division)	3
—	Electives	6

*Required each semester of enrollment in this major.

Departmental Courses

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

Bioengineering

BE 310	Biomedical Engineering Survey
BE 450	Special Topics
BE 495	Directed Studies
BE 999	Elective

Computer Engineering

CMPE 312	Computer Networks and Communications
CMPE 340	Digital Systems Design Lecture
CMPE 340	Digital Systems Design Laboratory
CMPE 441	Microprocessor Systems Design
CMPE 443	Computer Architecture
CMPE 450	Special Topics
CMPE 495	Directed Study
CMPE 999	Elective

Computer Science

CSC 101	Computer Concepts
CSC 111	Introduction to Computing
CSC 112	Microcomputer Applications in Business
CSC 231	Computers and Programming
CSC 255	Data Structures
CSC 300	Senior Paper/Project Preparation
CSC 331	Computer Logic and Organization
CSC 341	Internet Programming
CSC 351	Operating Systems Principles
CSC 353	Programming Languages
CSC 375	Numerical Analysis
CSC 441	Data Communication
CSC 450	Computer Science Internship
CSC 451	Advanced Systems Programming
CSC 453	Compiler Construction
CSC 454	Special Topics in Computer Science
CSC 460	Object-Oriented Design
CSC 499	Senior Paper/Project
CSC 999	Elective

Electrical Engineering

EE 311	Network Analysis II
EE 321	Electronics I Lecture
EE 321	Electronics I Laboratory
EE 322	Electronics II Lecture
EE 322	Electronics II Laboratory
EE 325	Design with Standard Components
EE 360	Electromagnetic Theory
EE 361	Power Systems Analysis
EE 363	Electromechanical Devices
EE 450	Special Topics
EE 462	Design of Power Systems
EE 495	Directed Study

EE 999	Elective
Engineering	
EGR 100	Engineering and Physics Seminar
EGR 101	Introduction to Engineering
EGR 140	Engineering Graphics
EGR 210	Network Analysis I Lecture
EGR 210	Network Analysis I Lab
EGR 221	Mechanics I: Statics
EGR 222	Mechanics II: Dynamics
EGR 231	Heat and Thermodynamics
EGR 252	Engineering Computational Methods
EGR 330	Control Systems
EGR 331	Design of Control Systems
EGR 461	Engineering Management and Economy
EGR 498	Senior Design and Research I
EGR 499	Senior Design and Research II
EGR 999	Elective

Environmental Science

EVR 201	Global Development and Sustainability
EVR 350	Environmental Science Lecture
EVR 350	Environmental Science Laboratory
EVR 450	Current Global Issues Seminar
EVR 499	Senior Paper
EVR 999	Elective

Geography

GEO 201	Principles of Earth Science Lecture
GEO 201	Principles of Earth Science Laboratory
GEO 251	Ozark Region Field Studies
GEO 307	Cultural Geography
GEO 350	Environmental Geography
GEO 999	Elective

Mathematics

MAT 099	Introduction to College Mathematics
MAT 113	Mathematical Analysis I
MAT 114	Mathematical Analysis II
MAT 151	Mathematics and Society
MAT 201	Calculus I
MAT 202	Calculus II
MAT 207	Discrete Mathematics
MAT 211	Differential Equations
MAT 221	Mathematics Concepts I
MAT 222	Mathematics Concepts II
MAT 232	Elementary Statistics
MAT 300	Senior Paper/Project Preparation
MAT 312	Linear and Matrix Algebra
MAT 313	College Geometry
MAT 315	History of Mathematics
MAT 318	Elementary Number Theory
MAT 321	Calculus of Functions of Several Variables
MAT 325	Probability and Statistics
MAT 332	Introduction to Biostatistics
MAT 401	Higher Algebra
MAT 421	Advanced Calculus I
MAT 422	Advanced Calculus II
MAT 428	Secondary Methods: Mathematics
MAT 429	Topics in Mathematics
MAT 433	Applied Statistics
MAT 451	Mathematics Education Internship
MAT 499	Senior Paper/Project
MAT 999	Elective

Mechanical Engineering

ME 321	Mechanics of Materials
ME 331	Applied Thermodynamics
ME 371	Machines and Mechanisms
ME 381	Principles of Design
ME 433	Heat Transfer
ME 441	Fluid Mechanics
ME 444	Experimental Methods

ME 447	Finite Element Method
ME 450	Special Topics
ME 461	Manufacturing Processes
ME 495	Directed Study
ME 999	Elective

Physics

PHY 101	General Physics I Lecture
PHY 101	General Physics I Laboratory
PHY 102	General Physics II Lecture
PHY 102	General Physics II Laboratory
PHY 111	Physics I Lecture
PHY 111	Physics I Laboratory
PHY 112	Physics II Lecture
PHY 112	Physics II Laboratory
PHY 211	Introduction to Modern Physics Lecture
PHY 211	Introduction to Modern Physics Laboratory
PHY 302	Heat and Thermodynamics
PHY 311	Mechanics I: Statics
PHY 312	Mechanics II: Dynamics
PHY 321	Electronics I Lecture
PHY 321	Electronics I Laboratory
PHY 331	Electromagnetic Theory
PHY 334	Vibrations and Sound
PHY 341	Advanced Physics Laboratory
PHY 401	Optics
PHY 402	Quantum Mechanics
PHY 450	Special Topics
PHY 453	Applied Thermodynamics
PHY 454	Mechanics of Materials
PHY 455	Mathematical Methods in Physics
PHY 498	Senior Research and Design I
PHY 499	Senior Research and Design II
PHY 999	Elective

Physical Science

PSC 101	Principles of Physical Science Lecture
PSC 101	Principles of Physical Science Laboratory
PSC 103	Broadcast Electronics Lecture
PSC 103	Broadcast Electronics Laboratory
PSC 201	Principles of Earth Science Lecture
PSC 201	Principles of Earth Science Laboratory
PSC 251	Ozark Region Field Studies
PSC 350	Environmental Geography Lecture
PSC 350	Environmental Geography Laboratory
PSC 999	Elective

HEALTH, PHYSICAL EDUCATION, AND RECREATION DEPARTMENT

Fritz Huber, Ed. D., *Chair*

MISSION STATEMENT: The mission of the Health, Physical Education, and Recreation Department is to complete the wholeness of the students of Oral Roberts University by imparting lifelong, foundational concepts concerning the development of a healthy lifestyle that includes physical fitness. In addition, it seeks to provide the departmental majors with knowledge and experiences to prepare them to successfully fulfill God's calling on their lives and go into every person's world.

OVERVIEW

The health, physical education, and recreation program is an integral part of the university's whole-person philosophy. Its objectives are (1) to develop aerobic fitness and to maintain a strong and healthy body through proper physical activity and good health habits; (2) to acquaint the student with the knowledge necessary to participate in a variety of physical activities; (3) to aid the student in acquiring skills in lifetime sports and recreational activities; (4) to provide a climate in which the student may achieve habits of initiative, self-responsibility, and loyalty, and learn to live socially and cooperatively with others; (5) to acquaint the student with a continuing program of lifetime health and fitness; and (6) to provide a curriculum through which a student may qualify for certification to teach or to work in numerous fields of health, physical education, and recreation.

GENERAL EDUCATION COURSES

ORU was founded on a concept of education for the whole person, equally emphasizing the development of the mind, spirit, and body. For that reason, each ORU student is required to pass a physical education activity course each semester and to pursue an individual fitness program. Each physical education activity course may be taken only twice for credit toward fulfilling the physical education requirement for graduation.

The ORU program focuses on the concept of aerobics, a physical-fitness program designed by Dr. Kenneth H. Cooper, a former Air Force physician and innovator of the exercise program used by the astronauts. It is a program designed to increase the capacity of the heart, lungs, and blood vessels through a calculated series of exercises that emphasizes walking, running, swimming, and cycling. These exercises require one to breathe harder and faster. The greater the oxygen intake, the harder the heart and lungs must work. The more these organs work, the stronger they become. This reduces the chances of heart disease and related physical ailments later in life.

Degree Programs

In addition to the physical activity courses and aerobics requirements for all students, the Health, Physical Education, and Recreation Department offers three majors and two minors

Health and Exercise Science (B.S.)

This major helps prepare students for careers in health and exercise science related areas. Students with this major choose one of three areas of concentration: exercise specialist, prephysical therapy, and preports medicine. Students also have choices in electives. This major is also excellent for students wanting to continue their studies in one of the Health, Physical Education, and Recreation Department's articulation agreements: occupational therapy and physical therapy.

Recreation Administration (B.S.)

The recreation administration major includes courses in organizing and administering recreation programs, safety and first aid, leadership, outdoor recreation, and the theory and analysis of sports. The major also includes an internship.

Health and Physical Education (B.S.)

Students seeking licensure to teach at the K-12 levels have two options: (1) completion of the health and physical education major, which leads to standard certification or (2) completion of any other major in the HPE Department, which can lead to alternative certification. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification. Students interested in a teaching license should work closely with the advisor in the major department.

This degree is designed for students wanting to teach physical education in private or public schools. The program meets the requirements for the State of Oklahoma's teaching license for elementary through high school grades in this field.

Occupational Therapy Articulation Agreement

ORU has an articulation agreement with the University of Oklahoma-Tulsa (OU-Tulsa) for earning a Master of Science degree in occupational therapy. This program allows area students to complete a bachelor's and master's degree in occupational therapy in Tulsa. The first 90 hours, which includes general education and science classes, are taken at ORU and the remainder of the degrees at OU-Tulsa. Information is available in the ORU Health, Physical Education, and Recreation Department and at OU-Tulsa.

Physical Therapy Articulation Agreements

Oral Roberts University has two articulation agreements enabling students to begin physical therapy degrees at ORU and complete them at other universities.

ORU has an articulation agreement with the University of Oklahoma-Tulsa (OU-Tulsa) for earning a doctoral degree in physical therapy. This program provides an opportunity for area students to complete a bachelor's and doctoral degree in physical therapy in Tulsa. The first 60 hours, which includes general education and science classes, are taken at ORU and the remainder of the degrees at OU-Tulsa. Information is available in the ORU Health, Physical Education, and Recreation Department and at OU-Tulsa.

ORU also has an articulation agreement with Southwest Baptist University (SBU). A student who completes a baccalaureate degree in any major at ORU and the requirements for admission to the Doctor of Physical Therapy Program at Southwest Baptist University as listed here will automatically receive preference and be eligible for the admission process.

- Have a minimum 2.75 overall GPA.
- Complete the graduate record exam.
- Complete and return physical therapy packet by June 15th of year prior to enrollment.
- Document 40 hours experience/observation in physical therapy.
- Meet admissions eligibility requirements in SBU catalog (if international student).
- Demonstrate computer literacy.
- Complete the following prerequisite courses with a minimum of a "C" and 3.0 prerequisite GPA. (Prerequisites should not be taken pass/fail.): CHE 111 and 112, PHY 101 and 102, BIO 111, PHS 223 and 224, MAT 232, and two psychology courses except PSY 232.

AWARDS

In recognition of scholarship, leadership, and ORU lifestyle commitment, the Health, Physical Education, and Recreation Department annually honors outstanding students by the presentation of the following awards:

Outstanding Senior Award: This recognizes the department's most worthy graduating senior in each of the majors: health and physical education, health and exercise science, and recreation administration.

Outstanding Health, Physical Education, and Recreation Senior Paper: This recognizes the department's best senior research project.

HEALTH AND EXERCISE SCIENCE MAJOR (HES)

Bachelor of Science

The health and exercise science major requires general education courses, courses in the major, a cog-nate, and a choice of three areas of concentration: exercise specialist, prephysical therapy, and preports medicine. Students also have choices in electives.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (CHE 101 or 111,** PHS 223, and PHS 224)	12
Mathematics*** (MAT 232 or MAT 201)	3-4
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Social Sciences Elective ^A (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II; Weight Training; Swim Conditioning or Lifeguarding; Racquetball; Creative Aerobics, Step Aerobics, Pilates, or Body Sculpting; and two elective activities)	5

General Education Total 59-60

*At least one course must be chosen from list courses marked with asterisks.

**CHE 111 is required for prephysical therapy and preports medicine concentrations.

***The preports medicine concentration requires MAT 201. Exercise specialist and prephysical therapy take MAT 232.

^APrephysical therapy and preports medicine students need to take PSY 201 for the social sciences elective.

Major

HPE 200	Introduction to HPE	3
HPE 231	Personal Health Science	3
HPE 233	Safety and First Aid	3
HPE 315	Organization and Administration of Programs	3
HPE 316	Kinesiology and Biomechanics	3
HPE 320	Prevention and Care of Sports Injuries	3
HPE 324	Exercise Physiology	3
HPE 402	Exercise Prescription for Special Populations	3
HPE 412	Techniques of Health Fitness Evaluation	3
HPE 499	Research in HPE (Senior Paper)	3

Major Total 30

Cognate

CSC 112	Microcomputer Applications for Business	3
NUT 201	Nutrition	3

Cognate Total 6

All health and exercise science majors take the above general education, the cognate, major courses, and choose one of the three concentrations listed below.

■Exercise Specialist Concentration (EXSC)

HPE 481	Internship in Health and Exercise Science	12
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Concentration Total 12

Minor and/or Electives 21

Degree Total 128

■Prephysical Therapy Concentration (PTC)

BIO 111	Introductory Biology I Lecture	3
BIO 111	Introductory Biology I Laboratory	1
CHE 112	Chemistry II Lecture	3
CHE 112	Chemistry II Laboratory	1
PHY 101	General Physics I Lecture	3
PHY 101	General Physics I Laboratory	1
PHY 102	General Physics II Lecture	3
PHY 102	General Physics II Laboratory	1
PSY 301	Developmental Psychology	3
SOC 101	Introduction to Sociology	3
BIO 259	Scientific Terminology	2
HPE 481	Internship in Health and Exercise Science	5

Concentration Total 29

Electives 4

Degree Total 128

■Presports Medicine Concentration (PMC)

BIO 111	Introductory Biology I Lecture	3
BIO 111	Introductory Biology I Laboratory	1
BIO 112	Introductory Biology II Lecture	3
BIO 112	Introductory Biology II Laboratory	1
CHE 112	General Chemistry II Lecture	3
CHE 112	General Chemistry II Laboratory	1
CHE 211	Organic Chemistry I Lecture	3
CHE 211	Organic Chemistry I Laboratory	1
CHE 212	Organic Chemistry II Lecture	3
CHE 212	Organic Chemistry II Laboratory	1
PHY 101	General Physics I Lecture	3
PHY 101	General Physics I Laboratory	1
PHY 102	General Physics II Lecture	3
PHY 102	General Physics II Laboratory	1
HPE 481	Internship in Health and Exercise Science	5

Concentration Total 33

Degree Total 129

RECREATION ADMINISTRATION MAJOR (HPR)

Bachelor of Science**General Education** **Credit Hours**

Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (lecture and lab)	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5

General Education Total 55

*At least one course must be chosen from list courses marked with asterisks.

Major

HPE 200	Introduction to HPE	3
HPE 202	Introduction to Leisure Services	3
HPE 231	Personal Health Science	3
HPE 233	Safety and First Aid	3
HPE 315	Organization and Administration of Programs	3
HPE 331	Outdoor Recreation and Camping	3
HPE 343	Leadership in Sports and Leisure Services	3
HPE 344	Recreation Programming	3
HPE 482	Internship in Recreation Administration	5
HPE 499	Research in HPE (Senior Paper)	3

Choice of six of the following courses: 12

HPE 228	Theory of Coaching (2 hrs.)
HPE 318	Psychology of Sport (2 hrs.)
HPE 353	Theory and Analysis of Teaching Soccer/Volleyball (2 hrs.)
HPE 354	Theory and Analysis of Teaching Track and Field/Weight Training (2 hrs.)
HPE 356	Theory and Analysis of Teaching Aquatics (2 hrs.)
HPE 357	Theory and Analysis of Teaching Football/Badminton (2 hrs.)
HPE 358	Theory and Analysis of Teaching Golf (2 hrs.)
HPE 359	Theory and Analysis of Teaching Tennis/Pickleball (2 hrs.)
HPE 360	Theory and Analysis of Teaching Softball/Basketball (2 hrs.)

Major Total 44

Cognate

CSC 112	Microcomputer Application in Business	3
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Cognate Total 3

Minor and/or Electives 26

Degree Total 128

HEALTH AND PHYSICAL EDUCATION MAJOR (HPE) WITH K-12 TEACHING LICENSURE

Bachelor of Science

Students may earn licensure in a second subject/content area. The Oklahoma Commission for Teacher Preparation requires the OSAT/OPTe test(s) be passed in order to obtain a license in an additional subject/content area. Students interested in completing coursework toward additional licensing should consult the subject area advisor.

General Education **Credit Hours**

Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Physical Science (lecture and lab)	4
Biological Science (HPE 319 lecture and lab)	4
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Foreign Language Proficiency PRF 001 (exam or 102 level of a foreign language class)	0
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12

Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)

Health, Physical Education, and Recreation 5
(one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives)

General Education Total 55

*At least one course must be chosen from list courses marked with asterisks.

Major

HPE 200	Introduction to HPE	3
HPE 231	Personal Health Science	3
HPE 233	Safety and First Aid	3
HPE 314	Motor Learning, Games, and Adaptive PE3	3
HPE 316	Kinesiology and Biomechanics	3
HPE 320	Prevention and Care of Sports Injuries	3
HPE 324	Exercise Physiology	3

Choice of six of the following courses: 12

HPE 228	Theory of Coaching (2 hrs.)
HPE 318	Psychology of Sport (2 hrs.)
HPE 353	Theory and Analysis of Teaching Soccer/Volleyball (2 hrs.)
HPE 354	Theory and Analysis of Teaching Track and Field/Weight Training (2 hrs.)
HPE 356	Theory and Analysis of Teaching Aquatics (2 hrs.)
HPE 357	Theory and Analysis of Teaching Football/Badminton (2 hrs.)
HPE 358	Theory and Analysis of Teaching Golf (2 hrs.)
HPE 359	Theory and Analysis of Teaching Tennis/Pickleball (2 hrs.)
HPE 360	Theory and Analysis of Teaching

Softball/Basketball (2 hrs.)

Major Total 33

Note: The requirement of a senior paper/project is met by the professional education portfolio.

Professional Education

PED 100	Education Seminar (every semester)	0
<i>Choice of one of the field-based courses:</i>		1
PED 111	Field-Based Experience-(Elementary)	
PED 121	Field-Based Experience-(Secondary)	
PED 203	Foundations and Methods of Education	3
PED 222	School Health Care	1
PED 305	Pedagogy I	4
PED 306	Pedagogy II	4
PED 361	Prof Education Seminar/Portfolio	0
PED 475	Intern/Student Teaching: Elementary	5
PED 495-	Intern/Student Teach: 10-12	5
HPE 452	HPE Methods and Evaluation	3

Professional Education Total 26
Electives 14

Degree Total 128

HEALTH AND EXERCISE SCIENCE MINOR (HESM)

This program is designed for students majoring in another discipline and who desire a minor in health promotion and applied exercise physiology.

HPE 233	Safety and First Aid	3
HPE 316	Kinesiology and Biomechanics	3
HPE 319	Applied Anatomy and Physiology	4
HPE 324	Exercise Physiology	3
HPE 412	Techniques of Health Fitness Evaluation	3
HPE	Electives (upper division)	2
Minor Total		18

RECREATION ADMINISTRATION MINOR (HPRM)

HPE 202	Introduction to Leisure Services	3
HPE 315	Organization and Administration of Programs	3
HPE 331	Outdoor Recreation and Camping	3
HPE 343	Leadership in Sports and Leisure Services	3
HPE 344	Recreation Programming	3
HPE	Electives (upper division)	3
Minor Total		18

Departmental Courses

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

Health, Physical Education, and Recreation

HPE 001	Health Fitness I
HPE 002	Health Fitness II

Physical Activity Courses

HPE 003	Total Conditioning
HPE 005	Fitness Club
HPE 007	Basic First Aid and CPR
HPE 012	Bowling
HPE 016	Beginning Badminton
HPE 017	Advanced Badminton
HPE 020	Beginning Golf
HPE 021	Advanced Golf
HPE 024	Intermediate Swimming
HPE 025	Aquatic Exercises
HPE 026	Beginning Swimming
HPE 027	Swim Conditioning
HPE 028	Beginning Tennis
HPE 029	Intermediate/Advanced Tennis
HPE 030	Weight Training
HPE 031	Advanced Weight Training
HPE 036	Scuba
HPE 037	Scuba Rescue
HPE 038	Scuba Open Water
HPE 039	Scuba Master Diver
HPE 040	Advanced Scuba
HPE 042	Creative Aerobics
HPE 044	Step Aerobics
HPE 045	Pilates for Christians
HPE 046	Equestrian
HPE 047	Intermediate Equestrian
HPE 051	Volleyball
HPE 053	Intermediate/Advanced Volleyball
HPE 054	Racquetball
HPE 080	Adaptive Physical Education
HPE 084	Self-Defense
HPE 092	Exercise and Weight Control
HPE 093	Body Sculpting
HPE 095	Beginning Mountain Biking
HPE 096	Intermediate/Advanced Mountain Biking
HPE 097	Backpacking
HPE 099	Aerobics Proficiency
HPE 100	Walk for Fitness
HPE 101	Fitness for Life I
HPE 102	Fitness for Life II
HPE 124	Lifeguarding
HPE 200	Introduction to Health, Physical Education, and Recreation
HPE 202	Introduction to Leisure Services
HPE 228	Theory of Coaching
HPE 231	Personal Health Science
HPE 233	Safety and First Aid
HPE 314	Motor Learning, Games, and Adaptive PE
HPE 315	Organization and Administration of Programs
HPE 316	Kinesiology and Biomechanics
HPE 318	Psychology of Sport
HPE 319	Applied Anatomy and Physiology
HPE 320	Prevention and Care of Sports Injuries
HPE 324	Exercise Physiology
HPE 331	Outdoor Recreation and Camping
HPE 343	Leadership in Sports and Leisure Services
HPE 344	Recreation Programming
HPE 353	Theory and Analysis of Teaching Soccer/Volleyball
HPE 354	Theory and Analysis of Teaching Track and Field/Weight Training
HPE 356	Theory and Analysis of Teaching Aquatics
HPE 357	Theory and Analysis of Teaching Football/Badminton
HPE 358	Theory and Analysis of Teaching Golf
HPE 359	Theory and Analysis of Teaching Tennis/Pickleball
HPE 360	Theory and Analysis of Teaching Softball/Basketball
HPE 402	Exercise Prescription for Special Populations

HPE 412	Techniques of Health Fitness Evaluation
HPE 451	Directed Study
HPE 452	HPE Methods and Evaluation
HPE 481	Internship in Health and Exercise Science
HPE 482	Internship in Recreation Administration
HPE 499	Research in HPE (Senior Paper)
HPE 999	Elective

Graduate Health, Physical Education

GHPE 503	Graduate Health Fitness
GHPE 703	Graduate Health Fitness
GHPE 515	Graduate Aerobics
GHPE 715	Graduate Aerobics
GHPE 525	Graduate Walk for Fitness
GHPE 725	Graduate Walk for Fitness
GHPE 999	Elective

Varsity*

HPE 034	Varsity Cheerleading*
HPE 070	Varsity Basketball
HPE 071	Varsity Tennis
HPE 072	Varsity Baseball
HPE 073	Varsity Golf
HPE 075	Varsity Track and Field
HPE 076	Varsity Volleyball
HPE 079	Varsity Soccer

Proficiencies

PRF 007	First Aid and CPR Proficiency
PRF 070	Swimming Proficiency

COLLEGE OF THEOLOGY AND MISSIONS

Thomson K. Mathew, D.Min., Ed.D., Dean
Cheryl L. Iverson, Ph.D., Associate Dean

MISSION STATEMENT: Oral Roberts University College of Theology and Missions provides undergraduate and professional theological education for the equipping and training of men and women empowered by the Holy Spirit for effective leadership in the Christian church, ministries, and society.

FACULTY

UNDERGRADUATE

Carol Blan.....Assistant Professor of Christian Education
B.A., Central Bible College, 1970; B.S.N., University of Tulsa, 1974; M.A., Oral Roberts University, 1990.
Jeffrey Lamp.....Professor of New Testament
B.S., University of Oklahoma, 1983; M.Div., Oral Roberts University, 1990; Ph.D., Trinity Evangelical Divinity School, 1995.
Kerry Loescher.....Instructor of Practical Ministry
B.A., Oral Roberts University, 1995; M.A., 1997.
James B. Shelton.....Professor of New Testament
B.A., Oral Roberts University, 1973; M.A., 1977; Ph.D., University of Stirling, Scotland, 1982.
R. Samuel Thorpe.....Professor of Church Ministries and Theological Studies
B.A., University of Arkansas, 1971; M.A., Oral Roberts University, 1981; Ph.D., University of Tulsa, 1989.
Donald R. Vance.....Professor of Biblical Languages and Literature
B.A., Oral Roberts University, 1980; M.A., Institute of Holy Land Studies, 1982; Ph.D., University of Denver and Iliff School of Theology, 1997.

GRADUATE

James Barber.....Assistant Professor of Practical Theology
B.S., Virginia Polytechnic Institute and State University, 1974; M.Div. Oral Roberts University, 1991; D.Min. 1997.
James Breckenridge.....Professor of Theology
B.A., Lee College, 1964; M.Div., Covenant Theological Seminary, 1968; Th.M., Trinity Divinity School, 1973; Th.D., Concordia Theological Seminary, 1991.
Lillian Breckenridge.....Professor of Christian Education
B.A., Minot State College, 1964; M.R.E., Southwestern Theological Seminary, 1968; M.A.L.S., University of Valparaiso, 1976; Ph.D., Southwestern Baptist Theological Seminary, 1989.
William Buker.....Associate Professor of Christian Counseling
B.A., Oral Roberts University, 1982; M.Div., 1986; M.A., 1993; D.Min., 1998.
Edward E. Decker, Jr......Professor of Christian Counseling
B.A., Evangel College, 1967; M.A., George Williams College, 1974; Ph.D., Kent State University, 1987.
Tim Ekblad.....Assistant Professor
B.A., North Central University, 1983; M.Div., Oral Roberts University, 1995; D.Min., 2000.
Trevor Grizzle.....Professor of New Testament
B.A., Lee College, 1975; M.Div., Southwestern Baptist Theological Seminary, 1978; Ph.D., 1984.
Larry Hart.....Professor of Theology
B.A., Oral Roberts University, 1970; M.Div., Southern Baptist Theological Seminary, 1973; Ph.D., 1978.

Cheryl L. Iverson.....Assistant Professor of Old Testament Studies and Associate Dean
B.A., L.I.F.E. Bible College, 1968; M.A., Oral Roberts University, 1985; M. Phil., Drew University, 1989; Ph.D., 1996.
M. Robert Mansfield.....Professor of New Testament
B.A., Rhodes College, 1960; B.D./M.Div., Duke Divinity School, 1963; M.A., Vanderbilt University, 1968; Ph.D., 1970.
Thomson K. Mathew.....Professor of Pastoral Care and Dean
B.S., Kerala University, 1971; M.Div., Yale Divinity School, 1975; S.T.M., 1977; D.Min., Oral Roberts University, 1986; Ed.D., Oklahoma State University, 1992.
Kenneth Mayton.....Associate Professor of Practical Theology
B.A., Central Bible College, 1964; M.A., Harding University Graduate School of Religion, 1972; Ed.D., Oklahoma State University, 1989.
William McDonald.....Assistant Professor of Old Testament
B.A./M.Div., Oral Roberts University, 1991; M.A., 1992; M.A., University of Texas, 2000; Ph.D., 2002.
James Norwood.....Associate Professor of Counseling
B.S., Alcorn State University, 1966; M.Div., Southern Baptist Theological Seminary, 1974; M.A., Fisk University, 1982; M.A., Oral Roberts University, 2006; Ed.D., Vanderbilt University, 1991.
Mark E. Roberts.....Assistant Professor of Learning Resources and Director of Holy Spirit Research Center
B.A., Mississippi College, 1982; M.A., Ohio State University, 1984; M.A., Vanderbilt University, 1995; Ph.D., 2002.
Raymond Smith.....Associate Professor of Missions
B.S., Southwestern College of Christian Ministries, 1991; M.A., Oral Roberts University, 1993; D.Miss., Asbury Theological Seminary, 1999.
Charles Snow.....Professor of Preaching and Leadership
B.S., Southwestern A.G. University, 1958; M.A., Southern Methodist University, 1971; Ed.D., Nova Southeastern University, 1984.
Daniel Thimell.....Associate Professor of Theological-Historical Studies
B.A., Westmont College, 1974; M.Div., Fuller Seminary, 1978; Ph.D., University of Aberdeen, 1993.
Edward Watson.....Associate Professor of Biblical Literature and Practical Theology and Chair, Undergraduate Theology Department
B.A., Southern Baptist College, 1987; M.A., Oral Roberts University, 1994; Th.M., Duke University Divinity School, 1996; Ph.D., Baylor University, 2005.
Angharad Young.....Associate Professor of Christian Counseling
B.A., University of North Texas, 1965; M.T.A., Northeastern State University, 1968; Ed.D., University of Tulsa, 1982.
Brad H. Young.....Professor of Biblical Literature
B.A., Oral Roberts University, 1978; M.A., Hebrew University, 1981; Ph.D., 1986.

EMERITI FACULTY

Dr. Oon-Chor Khoo, 1977-1996

OVERVIEW

Basic to the purpose of Oral Roberts University--a pre-eminent charismatic university--is its commitment to the historic Christian faith, to assist students in their quest for knowledge of their relationship to God and man and the universe. Students have opportunities to study abroad in Israel. The mission internship program is designed to provide practical experience in a mission environment where students can visit other countries for the summer or a full semester. Ministry internships are also available. The seminary offers M.DIV., M.A. (both academic and professional), and D.MIN. degrees.

UNDER-GRADUATE THEOLOGY DEPARTMENT

Edward Watson, Ph.D., Chair

MISSION STATEMENT: The Undergraduate Theology Department equips students with a spirit-filled education in Biblical, historical-theological, and pastoral studies in order to develop effective Christian leadership in the Church and global society.

DEGREE PROGRAMS

The undergraduate Theology Department offers majors in three areas: Biblical literature; church ministry and leadership, and theological-historical studies.

Biblical Literature

The greatest asset for effective integration of truth is a solid knowledge of the Bible. Therefore, courses in Biblical literature are designed to give students an understanding and appreciation of the Word of God and its application. The Biblical literature focus exposes students to a broad spectrum of hermeneutical and exegetical perspectives, tools, and methods so that they may interpret the Bible responsibly and perceptively within a theological-historical framework. Courses in Hebrew and Greek are intended to equip students in language skills, as well as to give them a working knowledge of the Biblical languages.

Students who choose the Biblical literature area may choose one of three majors: English Bible; Old Testament; and New Testament. All three majors concentrate on the content of the Bible. English Bible majors study the entire Bible; the Old Testament major emphasizes the content of the Old Testament with the acquisition of the Hebrew language; and the New Testament major emphasizes the content of the New Testament with the acquisition of the Greek language.

Church Ministry and Leadership

According to Ephesians 4:11, evangelists, pastors, and teachers have been appointed in the Church to prepare God's people for works of service so that the Body of Christ may be built up. The church ministries focus strives to meet the needs for training the personnel to fill these offices. Students are assisted in becoming competent ministers within the community of faith through the development of knowledge, attitudes, skills, and spiritual formation. The focus of such training is to enable students to equip lay people in the local church for works of ministry based on the Great Commission.

Two majors are offered in this area: Ministry and Leadership and Pastoral Christian Ministries. Students in the Ministry and Leadership major choose one of three concentrations: (1) educational ministries, (2) church administration, and (3) evangelism and outreach. Students in the Pastoral Christian Ministries major choose one of four concentrations: (1) local church pastor, (2) missions, (3) pastoral care, and (4) youth ministry.

Theological and Historical Studies

Christian maturity involves the ability to learn from the past, to think deeply, and to formulate an integrated and balanced Christian theology of life with clearly defined goals, purposes, and values.

This area emphasizes the essentials of Christian belief faithfully preserved by the ancient Church in the universally accepted creeds and clearly articulated by the great Christian thinkers of the past and present. Therefore, courses in history, theology, and philosophy seek to give students a comprehension of the Christian past and an understanding of the theological and philosophical dimensions of the Christian faith and its contemporary expressions. "Always be ready to give a defense to everyone who asks you a reason for the hope that is within you . . ." (1 Peter 3:15). The 21st century will be filled with a multitude of worldview and ideas about the nature of reality and truth. Theological studies at ORU prepares students to go into the worlds of religious thought and practice to testify to the Truth.

Students majoring in this area choose one of two concentrations offered: Christian philosophy or theology and church history.

SPECIAL OPPORTUNITIES

Trips to Israel

Each year, students have the opportunity to accompany a professor to the Holy Land to visit ancient cities, archaeological digs, and historical museums. These trips provide insight and background for Biblical studies and provide great experience for students.

Study Abroad

Students have the opportunity to spend a semester or two in Jerusalem for college credit and cultural study. Students may broaden their horizons and receive education unavailable in a standard American classroom setting.

Mission Trips

Each year ORU's missions program offers students the chance to engage in a short-term mission trip and sends approximately 200 students to various destinations around the world. Week-long trips occur over fall and spring breaks and month-long trips are taken during the summer. Missions trips have taken ORU students to countries such as Brazil, India, Australia, Belize, Iceland, China, Honduras, Japan, and Guyana. Students may contact ORU missions services for more information.

Fast-Track Program

The Fast Track Program allows ORU senior students to enroll concurrently in graduate courses and apply those hours toward a master's degree. Students may register for a maximum of six semester hours of graduate courses per semester.

These students remain classified as undergraduates by the university and are billed the corresponding undergraduate tuition rate as long as enrollment

remains between 12.0 and 18.5 credit hours. If enrollment is below 12.0 or exceeds 18.5 credit hours, they are billed the corresponding graduate per-credit-hour tuition rate. Students may earn up to 12 hours towards a graduate degree through the fast-track program. Graduate level courses taken through the fast-track program may not be used to fulfill undergraduate degree requirements.

ORU undergraduate theology students can be eligible to begin the M.A. fast track in graduate theology if they fulfill the following requirements:

- Complete a Fast-Track Program application form available in the College of Theology and Missions.
- Have completed a minimum of 90 semester hours of undergraduate coursework.
- Have a minimum grade point average of 3.0.
- Need less than a full course load for graduation.

More information is available from the College of Theology and Missions.

M.A. Academic Track

ORU undergraduate theology students can be eligible to begin the M.A. academic track in graduate theology if they meet the following criteria: (1) majoring in Old Testament, New Testament, or Theological and Historical Studies; (2) a minimum 3.0 cumulative GPA; and (3) an undergraduate theology professor's recommendation. Students can complete an M.A. academic degree in one academic year, plus six hours in the summer between their undergraduate and graduate degrees. Students can receive up to 15 hours of advanced standing for undergraduate theology courses that have been completed with a "B" or better.

Students are required to complete an M.A. academic track application and submit it along with the letter of recommendation from an undergraduate theology professor to the College of Theology and Missions graduate representative.

AWARDS

To reward excellence in academics, leadership, and Christian lifestyle, the Undergraduate Theology Department annually honors outstanding students by presenting the following awards:

Outstanding Theology Senior Awards: This recognizes the department's most worthy graduating senior in each of the following areas: Biblical literature, theological/historical studies, ministry and leadership, and practical ministry.

Outstanding Theology Senior Paper: This recognizes the department's best senior research project.

Zondervan/Oral Roberts University Greek Award: Zondervan Publishing House recognizes outstanding achievement in the study of Biblical Greek by awarding a Zondervan product and a commemorative medal and by arranging for the recipient's name to be engraved on a plaque displayed in the department. To be eligible, the student must be a graduating senior in the Theology Department and must have completed the four departmental Biblical Greek courses: BIB 251, BIB 252, BIB 351, BIB 352.

ENGLISH BIBLE MAJOR (BLE)

Bachelor of Arts

The English Bible major leads the student in an in-depth examination of the contents of both the Old and New Testament and exegesis of the English text. The student may opt to study the Biblical languages.

Theological-historical courses are required in the cognate to enable the students to interpret the Bible within a sound theological-historical framework.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Bible (BIB 222, 261)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, FIN 244, SOC 101, SOC 201, BUS 201, SOC 323, SWK 202, MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	61

*At least one course must be chosen from list courses marked with asterisks.

Major		
BIB 362	Jesus and the Gospels	3
BIB 421	Pentateuch	3
BIB 438	Intertestamental Literature	3
BIB 499	Senior Paper	3
BIB	Electives in Old Testament*	9
BIB	Electives in New Testament*	9
Major Total		30

*May include HIS 372 as an elective in either Old or New Testament.

Cognate		
BIB 306	Hermeneutics	3
THE 217	Research Seminar	3
THE 313	Systematic Theology I	3
THE 461	History of Christianity I: Early Church	3
CHRM 305	Teaching the Bible	3
CHRM 399	Signs and Wonders	3
Cognate Total		18
Minor** and/or Electives*		19
Degree Total		128

*One to two hours of electives may be met by a directed study or by one of the five credit hours from the 102 level of the foreign language requirement.

**If a student majoring in English Bible declares a minor, it must be in an area other than Biblical literature (Old or New Testament).

OLD TESTAMENT MAJOR (BLO)

Bachelor of Arts

The Old Testament major leads the student in an in-depth examination of the contents of the Old Testament and requires instruction in the Hebrew language and exegesis of the Hebrew text. Theological-Historical courses are required in the cognate to enable students to interpret the Bible within a sound theological-historical framework.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Bible (BIB 222, 261)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, FIN 244, SOC 101, SOC 201, BUS 201, SOC 323, SWK 202, MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	61

*At least one course must be chosen from list courses marked with asterisks.

Major	
BIB 311 Biblical Hebrew I	3
BIB 312 Biblical Hebrew II	3
BIB 319 Hebrew Exegesis	3
BIB 332 Old Testament Historical Books	3
BIB 421 Pentateuch	3
BIB 424 Hebrew Prophets	3
BIB 437 Psalms and Wisdom Literature	3
BIB 499 Senior Paper	3
BIB Old Testament electives	6
Major Total	30

Cognate	
BIB 306 Hermeneutics	3
THE 217 Research Seminar	3
THE 313 Systematic Theology I	3
THE 461 History of Christianity I: Early Church	3
CHRM 305 Teaching the Bible	3
CHRM 399 Signs and Wonders	3
Cognate Total	18
Minor and/or Electives*	19
Elective*	1
Degree Total	128

*One to two hours of electives may be met by a directed study or by one of the five credit hours from the 102 level of the foreign language requirement.

NEW TESTAMENT MAJOR (BLN)

Bachelor of Arts

The New Testament major leads the student in an in-depth examination of the contents of the New Testament and requires instruction in the Greek language and exegesis of the Greek text. Theological-historical courses are required in the cognate to enable students to interpret the Bible within a sound theological-historical framework.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Bible (BIB 222, 261)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	61

*At least one course must be chosen from list courses marked with asterisks.

Major	
BIB 251 Biblical Greek I	3
BIB 252 Biblical Greek II	3
BIB 346 Luke-Acts	3
BIB 351 Greek Exegesis	3
BIB 362 Jesus and the Gospels	3
BIB 364 Pauline Epistles	3
BIB 372 Johannine Literature	3
BIB 499 Senior Paper	3
BIB New Testament electives	6
Major Total	30

Cognate	
BIB 306 Hermeneutics	3
THE 217 Research Seminar	3
THE 313 Systematic Theology I	3
THE 461 History of Christianity I: Early Church	3
CHRM 305 Teaching the Bible	3
CHRM 399 Signs and Wonders	3
Cognate Total	18
Minor and/or Electives*	19
Degree Total	128

*One to two hours of electives may be met by a directed study or by one of the five credit hours from the 102 level of the foreign language requirement.

MINISTRY AND LEADERSHIP MAJOR (ML)

Bachelor of Arts

This major provides the student with an in-depth exploration of Christian leadership within the context of professional ministry and better equips the student for his or her calling by offering a choice of concentrations: (1) educational ministries of the church, (2) church administration, or (3) evangelism and outreach.

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Bible (BIB 222, 261)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 101, SOC 201, BUS 201, FIN 244, SOC 323, SWK 202, MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	61

*At least one course must be chosen from list courses marked with asterisks.

Major	
CHRM 302 Christian Leadership	3
CHRM 460 Church Administration	3
CHRM 499 Senior Paper	3
CHRM Concentration*	21
Major Total	30

*Students need to choose one of the concentrations and corresponding cognate listed here.

■ Educational Ministries Concentration (EDMC)

The educational ministries concentration is designed to prepare students for leadership and service within the broad scope of the educational ministries of the church (i.e., minister/director of Christian education; minister of youth, children, singles; and other specialized age or interest positions). It emphasizes a strong Biblical/theological foundation, integrates principles from the social sciences, and provides well-balanced training in the theory and practice of educational ministries in the church.

Concentration	
CHRM 303 Curriculum Development	3
CHRM 304 Introduction to Christian Education	3
CHRM 305 Teaching the Bible	3
CHRM 398 Ministry Practicum	3

Choice of two of the following courses:

CHRM	Elective	6
MISS	Elective	
THE 401	Ethics	

Choice of one of the following courses:

CHRM 317	Introduction to Youth Ministry	3
CHRM 456	Children's Ministry	

Concentration Total 21

Cognate

BIB 306	Hermeneutics	3
BIB	Old Testament elective	3
BIB	New Testament elective	3
CHRM 399	Signs and Wonders	3
THE 217	Research Seminar	3
THE 299	Introduction to Theology	3

Cognate Total 18

■Church Administration Concentration (CHAC)

This concentration is designed to educate and equip students to become church administrators. Students are trained in church administration, including organization, programming, aspects of leadership, and the relationship of the church to the denomination and society. They learn skills in the administration of non-profit organizations, principles of management and organizational behavior. Students also acquire skills in preaching and teaching the Bible. This major emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of pastoral ministry.

Concentration

CHRM 398	Ministry Practicum	3
MGT 130	Principles of Management	3
MGT 352	Organizational Behavior	3
MGT 465	Administration of Non-Profit Organizations	3

Choice of one of the following two courses:

CHRM 305	Teaching the Bible	3
CHRM 340	Sermon Preparation and Preaching	

Choice of two of the following courses:

CHRM	Elective	6
MISS	Elective	
THE 401	Ethics	

Concentration Total 21

Cognate

BIB 306	Hermeneutics	3
BIB	Old Testament elective	3
BIB	New Testament elective	3
THE 217	Research Seminar	3
THE 299	Introduction to Theology	3
CHRM 399	Signs and Wonders	3

Cognate Total 18

■Evangelism and Outreach Concentration (EVOC)

This concentration is designed to prepare students for leadership and service in the professional capacity of itinerant evangelist or staff evangelist. It emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of evangelism.

Concentration

CHRM 335	Introduction to Evangelism	3
CHRM 398	Ministry Practicum	3
CHRM 430	Local Church Outreach	3

MISS 404 Church Growth and Planting

Choice of two of the following courses:

CHRM	Elective	6
MISS	Elective	
THE 401	Ethics	

Choice of one of the following courses:

CHRM 305	Teaching the Bible	3
CHRM 340	Sermon Preparation and Preaching	

Concentration Total 21

Cognate

BIB 306	Hermeneutics	3
BIB	Old Testament elective	3
BIB	New Testament elective	3
CHRM 399	Signs and Wonders	3
THE 217	Research Seminar	3
THE 299	Introduction to Theology	3

Cognate Total 18

Minor and/or Electives* 18

Degree Total 128

*One to two hours of electives may be met by a directed study or by two of the five credit hours from the 102 level of the foreign language requirement.

PASTORAL CHRISTIAN MINISTRIES MAJOR (PCMN)

Bachelor of Arts

This major prepares students for a wide variety of leadership roles within local church and para-church ministries as either paid or volunteer staff ministers. Each concentration within the major better equips the student for his or her calling: (1) local church pastor, (2) missions, (3) pastoral care, and (4) youth ministry.

General Education

	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Bible (BIB 222, 261)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics	3
American History (HIS 101)	3
American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 101, SOC 201, BUS 201, FIN 244, SOC 323, SWK 202, MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5

General Education Total 61

*At least one course must be chosen from list courses marked with asterisks.

Major

CHRM 499	Senior Paper	3
CHRM	Concentration**	24

Major Total 30

**Students need to choose one of the concentrations and corresponding cognate listed here.

■Local Church Pastor Concentration (LCPC)

The local church pastor concentration is designed to educate and equip students to prepare God's people for righteous living and works of service so that the body of Christ is built and flourishes. Students receive broad knowledge and a diversity of skills in pastoral care, preaching, teaching the Bible, evangelism, mission work, and discipleship to develop pastoral attitudes and abilities that help them train, supervise, lead, and nurture a local congregation of believers. It emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of pastoral ministry.

Concentration

MISS 404	Church Growth and Planting	3
CHRM 302	Christian Leadership	3
CHRM 340	Sermon Preparation and Preaching	3
CHRM 398	Ministry Practicum	3
CHRM 399	Signs and Wonders	3
CHRM 460	Church Administration	3
CHRM/MISS	Electives	6
Choice of one of the following courses:		3
CHRM 315	Pastoral Care	
CHRM 440	Advanced Preaching	

Concentration Total 27

Cognate

BIB 306	Hermeneutics	3
BIB	Old Testament elective	3
BIB	New Testament elective	3
THE 217	Research Seminar	3
THE 299	Introduction to Theology	3
THE 461	History of Christianity I: Early Church	3

Cognate Total 18

■Missions Concentration (MISC)

The missions concentration is designed to educate and prepare students to fulfill Jesus' commission to reach all nations with the witness of God's saving love. It is designed for students preparing for all types of service as domestic or foreign missionaries or tent-makers in both long-term and short-term cross-cultural ministry. It is also arranged to educate students for duties as church mission directors or supervisors. It emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of missions.

Concentration

MISS 300	History of Missions	3
MISS 350	Missions and Culture	3
MISS 325	Introduction to Christian Missions	3
MISS 333	Theology of Missions	3
MISS 397	Missions Internship	3
THE 303	Major Religions of the World	3
CHRM 399	Signs and Wonders	3
CHRM/MISS	Electives	6

Concentration Total 27

Cognate

BIB 306	Hermeneutics	3
BIB	Old Testament elective	3

BIB	New Testament elective	3	CHRM/BIB/THE/MISS Electives	9
THE 217	Research Seminar	3	<i>Choice of one of the following courses:</i>	3
THE 299	Introduction to Theology	3	CHRM 305 Teaching the Bible	
Choice of one of the following two courses:		3	CHRM 340 Sermon Preparation and Preaching	
CHRM 305	Teaching the Bible			
CHRM 340	Sermon Preparation and Preaching			
Cognate Total		18	Concentration Total	27

■ Pastoral Care Concentration (PACC)

The pastoral care concentration is designed to educate and equip students with the philosophy, methods, and resources suitable for professional or lay ministry, equipping students for application of knowledge and skills to a broad range of pastoral settings. Students gain an understanding of the foundational approaches to pastoral care and an assessment of each approach's suitability and adaptability for use in Christian ministry. Training is provided in the basic skills necessary for lay counseling and pastoral care. It emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of pastoral ministry.

Concentration

CHRM 203	Foundational Approaches to Pastoral Care	3
CHRM 305	Teaching the Bible	3
CHRM 306	Pastoral Ministry Skills	3
CHRM 313	Prayer Ministry of the Caregiver	3
CHRM 314	Spiritual Formation in Pastoral Care I	3
CHRM 398	Ministry Practicum	3
CHRM 422	Spiritual Formation in Pastoral Care II	3
Choice of two of the following courses:		6
CHRM 307	Urban and Outreach Ministries	
CHRM 310	Youth Culture and Faith Development	
CHRM 388	Prayer-Based Ministry in the 21st Century	
CHRM 402	Discipleship and Small Groups	
THE 473	Theology and Philosophy in Modern Culture	
SOC 201	Marriage and the Family	
SOC 420	Minority Group Relations	

Concentration Total 27

Cognate

BIB 306	Hermeneutics	3
BIB	Old Testament elective	3
BIB	New Testament elective	3
CHRM 399	Signs and Wonders	3
THE 217	Research Seminar	3
THE 299	Introduction to Theology	3

Cognate Total 18

■ Youth Ministry Concentration (YMNC)

The youth ministry concentration is designed to educate and equip students to be youth ministers in the local church. They gain an understanding of the foundations for ministry, roles and relationship of the youth minister, and administrative principles and strategies. Students receive broad knowledge and a diversity of skills in pastoral care, preaching, teaching the Bible, evangelism, mission work, and discipleship. It emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of youth ministry.

Concentration

CHRM 310	Youth Culture	3
CHRM 317	Introduction to Youth Ministry	3
CHRM 398	Ministry Practicum	3
CHRM 431	Media and Technology in Ministry	3
CHRM 453	Pastoral Care of Families with Youth	3

Cognate

BIB 306	Hermeneutics	3
BIB	Old Testament elective	3
BIB	New Testament elective	3
CHRM 399	Signs and Wonders	3
THE 217	Research Seminar	3
THE 299	Introduction to Theology	3

Cognate Total 18

Minor and/or Electives* 19

Degree Total 128

*One to two hours of electives may be met by a directed study or by one of the five credit hours from the 102 level of the foreign language requirement.

THEOLOGICAL-HISTORICAL STUDIES MAJOR (THST)

Bachelor of Arts

The Theological-Historical Studies Major enables the student to integrate the various doctrines of the Christian faith into a consistent whole, providing the foundation for pursuing a ministerial or academic calling. Students choose between two concentrations: the theology and church history concentration and the Christian philosophy concentration. Biblical courses are required in the cognates to enable students to demonstrate responsible Biblical interpretation within a theological-historical framework.

General Education

	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 30)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)	12

Bible (BIB 222, 261)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, FIN 244, SOC 101, SOC 201, BUS 201, SOC 323, SWK 202, MUS 208,	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5

General Education Total 61

*At least one course must be chosen from list courses marked with asterisks.

Major

THE 313	Systematic Theology I	3
THE 314	Systematic Theology II	3
THE 499	Senior Paper	3
Concentration		21

Major Total 30

■ Theology and Church History Concentration (TCHC)

The theology and church history concentration leads the student into a topical, systematic, and historical approach to theology. Courses in this concentration give students a comprehension of the Christian past and an understanding of the theological dimension of Christian faith and its contemporary expressions.

Concentration

THE 353	History of Christianity in America	3
THE 461	History of Christianity I: Early Church	3
THE 462	History of Christianity II: Medieval Church	3
THE 463	History of Christianity III: Reformation to Present	3
THE	Electives	9

Concentration Total 21

Cognate

THE 217	Research Seminar	3
BIB 306	Hermeneutics	3
BIB	Old Testament elective	3
BIB	New Testament elective	3
CHRM 305	Teaching the Bible	3
CHRM 399	Signs and Wonders	3

Cognate Total 18

Minor and/or Electives* 19

■ Christian Philosophy Concentration (PCLC)

The Christian philosophy concentration provides the student with the history, analysis, and evaluation of the various philosophies and philosophers—ancient, Medieval, modern, and contemporary—that most affect Christian life and thought. Students become aware of and conversant with the many streams of philosophical thought that people of the world have adopted, and they learn to develop sufficient Christian responses to each one. Christianity is a historic faith, based on the revelation of God, human history, and the carefully reasoned theology of the great Christian thinkers of the Church. Christians are kept from conforming to the world by the renewing of their minds and please God by the confession and use of their faith (Romans 12:2, Hebrew 11:6).

Concentration

THE 302	Introduction to Philosophy	3
THE 401	Christian Ethics	3
THE 470	Philosophy of Religion	3
THE 473	Theology and Philosophy	3
Modern Culture		
Choice of three of the following courses:		9
THE	Elective*	
THE	Elective*	
THE	Elective*	
COM 309	Argument and Persuasion	
HONR 102	Philosophy of Science	

Concentration Total 21

Cognate

THE 217	Research Seminar	3
BIB 306	Hermeneutics	3
BIB	Old Testament elective	3
BIB	New Testament elective	3

CHRM 399 Signs and Wonders	3
<i>Choice of one of the following courses:</i>	3
CHRM 305 Teaching the Bible	
CHRM 340 Sermon Preparation and Preaching	
Cognate Total	18
Minor and/or Electives*	19
Degree Total	128

*One to two hours of electives may be met by a directed study or by one of the five credit hours from the 102 level of the foreign language requirement.

ENGLISH BIBLE MINOR (EBM)

This minor is designed for students who are not Biblical literature majors.

BIB 306* Hermeneutics	3
BIB Electives**	15
Minor Total	18

*If BIB 306 is taken as part of the student's major, then it must be replaced by an Old or New Testament elective for the minor.

**Electives need to be divided somewhat equally between the Old and New Testaments.

Note: If a student takes Biblical Greek or Hebrew to fulfill the BIB electives, both semesters of elementary Greek or Hebrew must be taken in order to count toward the minor.

OLD TESTAMENT MINOR (OTM)

This minor is designed for students who are not Biblical literature majors. However, students pursuing a major within the Theology Department and wanting to minor in Old Testament need to have their programs approved by the department. Requirements for the Old Testament minor vary according to the major; however, the following courses must be included in either the major or in the Old Testament minor.

BIB 306* Hermeneutics	3
BIB 311 Biblical Hebrew I	3
BIB 312 Biblical Hebrew II	3
BIB 319 Hebrew Exegesis	3
BIB Electives in Old Testament	6
Minor Total	18

*If BIB 306 is taken as part of the student's major, then it must be replaced by an Old Testament elective for the minor.

NEW TESTAMENT MINOR (NTM)

This minor is designed for students who are not Biblical literature majors. However, students pursuing a major within the Theology Department and wanting to minor in New Testament need to have their programs approved by the department. Requirements for the New Testament minor vary according to the major; however, the following courses must be included in either the major or in the New Testament minor.

BIB 251 Biblical Greek I	3
BIB 252 Biblical Greek II	3

BIB 306* Hermeneutics	3
BIB 351 Greek Exegesis I	3
BIB Electives in New Testament	6
Minor Total	18

*If BIB 306 is taken as part of the student's major, then it must be replaced by an New Testament elective for the minor.

BIBLICAL LANGUAGES MINOR (BLM)

BIB 251 Biblical Greek I	3
BIB 252 Biblical Greek II	3
BIB 311 Biblical Hebrew I	3
BIB 312 Biblical Hebrew II	3
BIB 319 Hebrew Exegesis	3
BIB 351 Greek Exegesis I	3
Minor Total	18

PRESEMINARY MINOR (PSM)

Requirements for the presemenary minor vary according to the major; however, the following courses must be included in the student's program, either in the major or presemenary minor.

BIB 222 Old Testament Introduction	3
BIB 261 New Testament Introduction	3
BIB 306 Hermeneutics	3
<i>Choice of one of the following two courses:</i>	3
BIB 251 Biblical Greek I	
BIB 311 Biblical Hebrew I	
<i>Choice of one of the following two courses:</i>	3
BIB 252 Biblical Greek II	
BIB 312 Biblical Hebrew II	
<i>Choice of one of the following two courses:</i>	3
THE 313 Systematic Theology I	
THE 461 History of Christianity I: Early Church	
Minor Total	18

EDUCATIONAL MINISTRIES MINOR (EDMM)

CHRM 304 Introduction to Christian Education	3
CHRM 305 Teaching the Bible	3
CHRM 402 Discipleship and Small Groups	3
CHRM 460 Church Administration	3
<i>Choice of two of the following courses:</i>	6
CHRM 302 Christian Leadership	
CHRM 303 Curriculum Development	
CHRM 317 Introduction to Youth Ministry	
CHRM 398 Ministry Practicum	
CHRM 456 Children's Ministry	
Minor Total	18

CHURCH ADMINISTRATION MINOR (CHAM)

CHRM 302 Christian Leadership	3
CHRM 460 Church Administration	3
MGT 130 Principles of Management	3
MGT 465 Administration of Nonprofit Organizations	3
<i>Choice of two of the following courses:</i>	6
MGT 352 Organizational Behavior	
COM 300 Organizational Communication	
CHRM 307 Urban and Outreach Ministries	
CHRM 398 Ministry Practicum	
MISS 404 Church Growth and Planting	
Minor Total	18

EVANGELISM AND OUTREACH MINOR (EVOM)

CHRM 335 Introduction to Evangelism	3
CHRM 430 Local Church Outreach	3
<i>Choice of three of the following courses:</i>	9
BIB 306* Hermeneutics	
CHRM 307 Urban and Outreach Ministries	
CHRM 317 Introduction to Youth Ministry	
CHRM 398 Ministry Practicum	
CHRM 402 Discipleship and Small Groups	
CHRM 431 Media and Technology in Ministry	
CHRM 440 Advanced Preaching	
MISS 404 Church Growth and Planting	
THE 304 Contemporary Religions of America	
<i>Choice of one of the following courses:</i>	3
CHRM 305 Teaching the Bible	
CHRM 340 Sermon Preparation/Preaching	
Minor Total	18

*BIB 306 must be taken unless it is required in the student's major.

MISSIONS MINOR (MM)

MISS 300 History of Missions	3
MISS 325 Introduction to Christian Missions	3
MISS 350 Missions and Culture	3
THE 303 Major Religions of the World	3
<i>Choice of two of the following courses:</i>	6
BIB 306 Hermeneutics*	
MISS 333 Theology of Missions	
MISS 397 Missions Internship	
MISS 404 Church Growth and Planting	
CHRM 307 Urban and Outreach Ministries	
CHRM 402 Discipleship and Small Groups	
Minor Total	18

*BIB 306 must be taken unless it is required in the student's major.

PASTORAL CARE MINOR (PACM)

BIB 306 Hermeneutics	3
CHRM 203 Foundational Approaches to Pastoral Care	3
CHRM 306 Pastoral Ministry Skills	3
CHRM 314 Spiritual Formation in Pastoral Care I	3
CHRM 422 Spiritual Formation Pastoral Care II	3

Choice of one of the following 3
 CHRM 313 Prayer Ministry of the Caregiver
 CHRM 315 Pastoral Care

Minor Total 18

*BIB 306 must be taken unless it is required in the student's major.

YOUTH MINISTRY MINOR (YMM)

CHRM 305 Teaching the Bible 3
 CHRM 310 Youth Culture 3
 CHRM 317 Introduction to Youth Ministry 3
 CHRM 453 Pastoral Care of Families with Youth
 Choice of two of the following courses: 6
 CHRM 307 Urban and Outreach Ministries
 CHRM 316 Outdoor Adventure and Camping
 in Youth Ministry
 CHRM 335 Introduction to Evangelism
 CHRM 402 Discipleship and Small Groups
 CHRM 431 Media and Technology in Ministry
 MISS 325 Introduction to Christian Missions

Minor Total 18

CHURCH HISTORY/ SYSTEMATIC THEOLOGY MINOR (CHSM)

THE 313 Systematic Theology I 3
 THE 314 Systematic Theology II 3
 THE 461 History of Christianity I: Early Church 3
 THE 462 History of Christianity II: Medieval Church 3
 THE 463 History of Christianity III: Reformation to Present 3
 THE Elective 3

Minor Total 18

CHRISTIAN PHILOSOPHY MINOR (CPLM)

THE 302 Introduction to Philosophy 3
 THE 401 Christian Ethics 3
 THE 470 Philosophy of Religion 3
 CHRM 453 Pastoral Care of Families with Youth 3
 Choice of three of the following courses: 9
 HONR 103 Philosophy of Science
 THE 473 Theology and Philosophy in Modern Culture
 THE Elective
 THE Elective
 THE Elective

Minor Total 18

Departmental Courses (Undergraduate)

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

Biblical Studies

BIB 222 Old Testament Introduction
 BIB 251 Biblical Greek I

BIB 252 Biblical Greek II
 BIB 261 New Testament Introduction
 BIB 302 Historical Geography of the Holy Land
 BIB 306 Hermeneutics: Principles of Biblical Interpretation
 BIB 311 Biblical Hebrew I
 BIB 312 Biblical Hebrew II
 BIB 319 Hebrew Exegesis
 BIB 332 Old Testament Historical Books
 BIB 346 Luke-Acts
 BIB 351 Greek Exegesis I
 BIB 352 Greek Exegesis II
 BIB 362 Jesus and the Gospels
 BIB 363 Eschatology and the Book of Revelation
 BIB 364 The Pauline Epistles
 BIB 372 Johannine Literature
 BIB 376 Hebrews and General Epistles
 BIB 421 Pentateuch
 BIB 424 Hebrew Prophets
 BIB 437 Psalms and Wisdom Literature
 BIB 438 Intertestamental Literature
 BIB 455 Intensive Studies
 BIB 457 Honors Assistant Practicum
 BIB 499 Senior Paper
 BIB 999 Elective

Biblical Literature

BLIT 110 Survey of Old Testament Literature
 BLIT 120 Survey of New Testament Literature
 BLIT 999 Elective

Church Ministries

CHRM 203 Foundational Approaches to Pastoral Care
 CHRM 302 Christian Leadership
 CHRM 303 Curriculum Development
 CHRM 304 Introduction to Christian Education
 CHRM 305 Teaching the Bible
 CHRM 306 Pastoral Ministry Skills
 CHRM 307 Urban and Outreach Ministries
 CHRM 310 Youth Culture and Faith Development
 CHRM 313 Prayer Ministry of the Caregiver
 CHRM 314 Spiritual Formation in Pastoral Care I
 CHRM 315 Pastoral Care
 CHRM 316 Outdoor Adventure and Camping in Youth Ministry
 CHRM 317 Introduction to Youth Ministry
 CHRM 335 Introduction to Evangelism
 CHRM 338 Prayer-Based Ministry in the 21st Century
 CHRM 340 Sermon Preparation and Preaching
 CHRM 398 Ministry Practicum
 CHRM 399 Signs and Wonders
 CHRM 402 Discipleship and Small Groups
 CHRM 422 Spiritual Formation in Pastoral Care II
 CHRM 430 Local Church Outreach
 CHRM 431 Media and Technology in Ministry
 CHRM 440 Advanced Preaching
 CHRM 453 Pastoral Care of Families with Youth
 CHRM 455 Intensive Studies
 CHRM 456 Children's Ministry
 CHRM 457 Honors Assistant Practicum
 CHRM 460 Church Administration
 CHRM 499 Senior Paper/Portfolio
 CHRM 999 Elective

Missions

MISS 300 History of Missions
 MISS 325 Introduction to Christian Missions
 MISS 333 Theology of Missions
 MISS 350 Missions and Culture
 MISS 397 Missions Internship
 MISS 404 Church Growth and Planting
 MISS 455 Intensive Studies
 MISS 999 Elective

Theological-Historical

THE 103 Charismatic Life and the Healing Ministry
 THE 217 Seminar in Theological Research
 THE 299 Introduction to Theology
 THE 302 Introduction to Philosophy
 THE 303 Major Religions of the World
 THE 304 Contemporary Religions in America
 THE 313 Systematic Theology I
 THE 314 Systematic Theology II
 THE 353 History of Christianity in America
 THE 401 Ethics
 THE 415 Christian Apologetics
 THE 444 Contemporary Theology
 THE 445 Charismatic Theology
 THE 455 Intensive Studies
 THE 457 Honors Assistant Practicum
 THE 461 History of Christianity I: Early Church
 THE 462 History of Christianity II: Medieval Church
 THE 463 History of Christianity III: Reformation to Present
 THE 470 Philosophy of Religion
 THE 473 Theology and Philosophy in Modern Culture
 THE 499 Senior Paper
 THE 999 Elective

GRADUATE THEOLOGY —SEMINARY

MISSION STATEMENT: Oral Roberts University Graduate School of Theology and Missions (Seminary) provides graduate professional theological education for the equipping and training of men and women empowered by the Holy Spirit for the effective leadership in the Christian church, ministries, and society.

OVERVIEW

ORU College of Theology and Missions Seminary provides sound academic, theological, and Biblical education with a distinctive charismatic dimension. Students are trained to be academically competent and to place that competency at the disposal of the Holy Spirit as a tool for ministry, in order to bring revival, transformation, and healing. To equip students fully, the Seminary requires training in prayer, divine healing, and signs and wonders, while providing a challenging academic foundation. In the classroom, professors provide Biblical understanding, theological insight, and ministry preparedness in an atmosphere of caring accountability.

Statement of Purpose

The ORU College of Theology and Missions Seminary seeks to prepare students for competent and Spirit-led Christian ministry. The Seminary is called to develop men and women who know the Bible, who have a deep compassion for people, and who, through the empowerment of the Holy Spirit, can revitalize the church, evangelize the world, and heal the nations.

Professional, theological education at this Seminary integrates Biblical and theological training with practical skills. This integration takes place in a charismatic/Pentecostal ethos where the gifts of the Spirit are manifested and spiritual formation is nurtured.

The Seminary seeks to develop leaders who can communicate the message of the Gospel to those in need of a Savior and God's healing power to the world's suffering.

As a multi-denominational Seminary, the ORU College of Theology and Missions seeks to prepare students for Christian ministry within a broad spectrum of traditions, churches, and cultures. Although intentionally evangelical, it is important to embrace a diversity of theological understandings. This enables students to effectively relate to their unique sphere of influence. The College of Theology and Missions' philosophy seeks to introduce students to the ongoing ecumenical dialogue concerning the nature of the Church and to broaden students' awareness of the larger Body of Christ.

The College of Theology and Missions exists to prepare men and women for ministry who know the Bible, who have a deep compassion for people, and who, through personal charismatic experiences, can interpret Biblical truth to the Church and society in light of the present-day movement of the Holy Spirit. In other words, it is important to teach, to inform, and to place knowledge as a tool for ministry at the disposal of the Holy Spirit for relevant application.

Importantly, the College of Theology and Missions trains Christian leaders to carry God's healing power and seed-faith lifestyle to the world's suffering and lost, whether in America's darkened ghettos and affluent suburbs or in developing countries.

The goal of the seminary for its graduates is to carry this vital message of redemption, holiness, and healing to those places "where God's light is dim, where His voice is heard small, where His healing power is not known."

Why a Graduate School of Theology and Missions at Oral Roberts University?

The College of Theology and Missions at Oral Roberts University is firmly grounded in a concept of abundant life and a charismatic concern for the healing of the totality of human need.

The comprehensive, integrated curriculum is designed to balance Bible knowledge and practical, professional ministry skills that will lead to more effective evangelism and healing for body, mind, and spirit. Students are challenged to seek wholeness in their personal lives so they can help those whom they contact to develop wholeness as a way of life.

The following statement by Chancellor Oral Roberts answers "Why a School of Theology and Missions at Oral Roberts University?" and explains his vision for those who graduate from the master of arts, the master of divinity, and the doctor of ministry programs.

"Two things are essential to a vibrant, fruitful ministry of the Gospel. One, Christian leaders must know the Bible; they must really know the life of Jesus and what the Bible says. And second, Christian leaders must have a deep compassion for people."

"As I travel this great country of ours and receive mail from around the world, I feel these voids in Christian leadership. I see a deep hunger in people to know God better. People are searching for someone to explain to them how to live abundantly. They are also aching for love. They long for someone to touch them, to care, to share their deep concerns, and to help them find answers to their needs. These are the very reasons we have a Graduate School of Theology and Missions at ORU to train students to know the Bible and to care for people."

"ORU has a baccalaureate theology program, two masters programs, and a doctoral program. The master of arts program offers specializations in several different areas of ministry. The academic specializations immerse students in the Word and its teachings and enable students to train others. The professional specializations

equip students for ministry in Christian counseling, Christian education, practical theology or missions."

"The master of divinity program is the basic professional program for ministry and is especially designed for persons who plan to become pastors, evangelists, youth workers, chaplains, missionaries, or enter other areas of Christian leadership. These graduate students receive a solid grounding in the Bible. They also receive practical and professional training in how to be effective church leaders, how to administer church programs, how to preach, how to counsel, and how to lead evangelism programs. Throughout their three years of study, master of divinity students are involved in special projects that place them in the church and community. They become involved with people in need from various backgrounds: the elderly, juvenile delinquents, the poor, the disabled, the imprisoned, and the ghetto children. They give their time and talents; they go into areas where people hurt and touch them with their love."

"The doctor of ministry program enables persons already in full-time ministry to deepen their knowledge of the Word and update their skills while learning from both professors and peers. These ministerial leaders are involved daily in sharing the Word and meeting the needs of others."

"As the students of these graduate programs open their lives to God and give to other people, I believe a miracle will take place. I believe the Holy Spirit will become as real to them as the air they breathe. They will find themselves instruments in God's hands. A strong, invisible triangle will be formed between God, the ORU student, and the person in need—a relationship that can last for all eternity."

"Let me tell you what I expect from our graduate theology students. I expect our students to be open to the working of the Holy Spirit in their lives and in the lives of others. Through the Holy Spirit, they will find new strength and authority to minister."

"I expect excellence from our students. We have a motto at ORU that says 'excellence is a way of life.' We believe in giving God our best and then expecting His best for our lives. Our students have the finest professors and facilities, and we expect our students to devote their finest efforts to their studies."

"I expect their witness to extend to all aspects of life. When Jesus healed people, He often used these words: 'Be made whole.' To Christ, wholeness was more than spiritual cleansing. Wholeness meant harmony of spirit, mind, and body. It meant a unity in the inner man and vibrant living in all areas of life."

"At ORU we attempt to integrate the entire person. We call it the whole-man concept. This concept formed the basis for the founding of ORU, and our purpose is to train men and women whose lives reflect this. Our theology students work at physical fitness and mental growth in the same way they work to develop their spiritual potential. I expect our students to go into every facet of life and to share Christ wherever His light is dim, wherever His voice is heard small. I expect them to go to all the nations and to minister to people of all races."

"Full-time graduate and professional students attend chapel together, study together in the same library, and share some classes. This common exposure helps them become better acquainted with a variety of professional perspectives and gives them a new appreciation for the problems people face in our world. I expect our theology students to provide leadership and love to all who may be weak and unloved."

"The ORU School of Theology and Missions opened in 1975, enriched by ORU's fine baccalaureate theological program, which is one of the largest and strongest departments on campus. The Seminary is

housed in the Marajen Chinigo Graduate Center, which is a 448,000-square-foot addition to the John D. Messick Learning Resources Center. I believe it is the finest building of its kind."

"We live in a state of expectancy at ORU. We believe in miracles. We work diligently. We are proud to be a free enterprise people. We have faith in God and a spirit of unity. ORU is a family—a family of students, faculty, staff members, and partners around the world. We are unashamedly Christian. We believe in the mighty power of the Holy Spirit. We live to minister."

"Why a graduate School of Theology and Missions? Because God wants people to be whole, and we want what God wants—healing for the totality of human need."

—Oral Roberts

SPIRITUAL FORMATION

In the distinctive charismatic ethos of the ORU School of Theology and Missions, spiritual formation is of primary importance. Spiritual formation occurs both intentionally and informally. The Director of Assessment and the Assessment Committee provide guidance in developing a program to facilitate spiritual formation.

A primary force for intentional spiritual formation is the strong advisement program that assigns students to individual faculty members for their educational journeys. Students meet individually with their advisors throughout the academic year. Faculty members are available for advisement and prayer.

Students are involved in *Koinonia* groups during their first semester of enrollment. These small groups of students meet weekly with professors for sharing and prayer. The sessions focus on relationship with God, a personal call to ministry, and other related components of spiritual formation.

University chapels, which are conducted twice weekly, particularly provide the charismatic emphasis and spiritual dynamic that is at the heart of Oral Roberts University. Special meetings are conducted during the semester to address the particular needs of seminarians. Other opportunities for spiritual formation are included in the field education program, missions trips, weekly communion services, and student-led ministry opportunities.

DEGREE PROGRAMS

The School of Theology and Missions offers the following graduate-level degree programs:

Master of Divinity (M.Div.)

The master of divinity degree is the basic professional degree for ordained ministry. It prepares people to be effective as pastors, evangelists, chaplains, missionaries, and ministers.

Master of Arts (M.A.)

The master of arts degree offers both academic and professional programs.

- Biblical Literature (Academic)
 - Advanced Languages concentration
 - Judaic-Christian Studies concentration
- Theological and Historical Studies (Academic)
- Christian Counseling (Professional)
 - Marital and Family Therapy concentration
- Christian Education (Professional)
- Missions (Professional)
- Practical Theology (Professional)

These programs prepare students for specialized ministries within the local church, educational institutions, and parachurch or community organizations. The master of arts degree is well suited as foundational study for Ph.D./Ed.D. degree programs.

Doctor of Ministry (D.Min.)

The doctor of ministry degree provides advanced professional training for practical ministry. The program is designed for professionals with an earned master of divinity degree in full-time ministry. It develops ministerial skills and enables ministers to grow in understanding and interpretation of the Church's ministry.

Joint Degree Program

A joint degree program allows students to gain an area of expertise for future ministry. Students may enroll in two masters degrees simultaneously. With proper planning and advisement, they may fulfill the requirements for both degrees with significantly less time than it would take otherwise. The section titled Dual Degrees in the Academic Information section of this catalog has more information.

Modular Option

In today's highly mobile and fast-paced society, it can be difficult to earn a residence degree at the graduate level. This is especially true for potential students who are already in full or part-time employment and who live far from campus. Thus, fully accredited modular masters of divinity (M. Div.) and master of practical theology (MPT) programs are especially designed for individuals who desire to continue their education but cannot relocate to Tulsa.

The M.Div. modular degree is 88.5 credit hours, and the MPT degree is 58 credit hours. Courses for both degrees are offered through on-campus, week long modules and via the Internet.

Intensive one-week modules (on-campus courses) offered throughout the year enable students to integrate classes into their personal calendars. These modular sessions are held Monday-Friday from 8:30 to 5:30 p.m. daily, usually the second or third week of the month. Students choose which modules they will be able to attend. The on-campus courses are offered on a two-year rotation. Students who are not able to take a particular course in a particular month will have an opportunity to take that course again within two years.

Students in the modular program set their own pace but are encouraged to enroll in as many courses (both on-campus and distance education) as they can realistically incorporate into their schedules each semester.

ADMISSION INFORMATION

Admission Requirements

Admission requirements for the master's degree programs vary to some extent; however, applicants to any of the master's programs need to submit the following items to the Admissions Committee for review and consideration:

- Proof of a baccalaureate degree from a regionally accredited college or university or college recognized by the Association of Biblical Higher Education.
- Official transcripts of all undergraduate and graduate studies attended
- Score from Miller Analogies Test (MAT) of at least 396 or from the Graduate Record Examination (GRE) of at least 900. Scores must be from within the past 5 years.

- Score from the International English Language Testing System (IELTS) of at least 7.0 or from the Test of English as a Foreign Language (TOEFL). TOEFL scores must be at least 550 (paper-based), 213 (computer-based), or 78-80 (Internet-based). (For non-native English speakers only)

- Proof of acceptable grade point average (3.0 for M.A. academic programs; 2.5 for M.Div. and M.A. professional programs)
- Two academic recommendations
- A ministerial recommendation
- A personal sketch

The Admissions Committee may require applicants to submit additional information for evaluation. Applicants to the M.Div. degree may need to submit a personal interview, psychological test results, a spouse's endorsement, and/or a statement of status at another educational institution. A professional recommendation may be requested if the student has been out of school more than 5 years.

The Admissions Committee may also require applicants to take prerequisite/leveling courses. (Prerequisite/leveling courses are courses at the undergraduate level that help prepare students for courses in the graduate degrees.) Applicants to the master of arts professional degree programs (Christian counseling, Christian education, missions, practical theology) may also need to provide a personal interview, psychological test results, a spouse's endorsement, or a statement of status at another educational institution.

Changing Programs

Students are admitted to the Seminary by acceptance into a particular degree program and concentration and must pursue studies in that program. Students may change programs only if formally accepted into another program. Acceptance into one program does not guarantee admission into another.

When the program change becomes effective, the student is subject to the requirements of the current catalog at the time of matriculation into the new program.

Readmission Requirements

Students who have not maintained continuous enrollment and who desire to continue their studies must apply for readmission through the Seminary Admissions Office. Students readmitted to the Seminary are subject to the requirements of the current catalog at the time of readmission. The Admissions Committee may request additional information. If students have attended other institutions, they must supply official transcripts.

ENROLLMENT AND RETENTION

Students enrolled in the School of Theology and Missions are expected to maintain an appropriate grade point average for the program in which they are enrolled. Students in the master of divinity and the professional master of arts programs are to maintain 2.5 grade point averages. Students in the academic master of arts program are to maintain 3.0 GPAs. Students failing to achieve the minimum grade point average in their programs during any semester are automatically placed on probation. In the doctoral program no course grade less than a "B" is accepted. Two "C" course grades result in suspension from the doctoral program.

Students entering the Seminary on probation must achieve removal from probation status within one

academic year of matriculation. If a student is placed on probation in the course of the degree, one academic year is allowed to restore the GPA to the appropriate level. Normally, 12 semester hours of coursework earned in one semester with the appropriate grade point average is sufficient to remove one from probation. Students do not receive financial aid in the form of institutional funds during any semester on probation.

Students who fail to achieve a sufficient grade point average while they are on probation within the specified time are suspended from the School of Theology and Missions.

COURSE INFORMATION

Numbering and Sequence

Courses offered in all areas of the Seminary curriculum are appropriate for graduate level students in the School of Theology and Missions. In general, 500- and 600-level courses are designed for the masters degrees, and 700-level courses are for the doctoral degree. The 500-level courses are frequently considered necessary before students can enroll in advanced-level courses represented by the 600 and 700 numbers.

Students may also be required to take prerequisite/leveling courses in addition to courses required for the graduate degree. Prerequisite/leveling courses need to be taken during the student's first semester as a graduate student, and the hours earned from leveling courses are in addition to the hours required for the graduate degree.

Course Load

The full-time course load for master's-level students in the School of Theology and Missions is 9 hours.

The full-time load for doctoral students in the School of Theology and Missions is 6 hours per semester while enrolled in the coursework phase of the program. One hour per semester is considered full-time when enrolled in the project phase.

Courses by Special Arrangement

With the permission of the faculty advisor, the associate dean, and the instructor of a particular course listed in the catalog, students in special circumstances may complete that course by special arrangement. The objectives of the course, as defined in the current syllabus on file in the office of the dean, must be met. Special assignments, tests, and conferences may be required to satisfy the instructor and coordinator of the area concerned that the objectives have been achieved. A course of study that involves extensive work while the student is absent from the campus may be pursued only upon the approval of a petition presented to the associate dean.

Credit by Examination, Transfer of Credit, and Advanced Standing

Students entering the Seminary with advanced knowledge in a particular area of the curriculum may receive credit for courses to which the advanced knowledge relates by passing a comprehensive examination with a score of 80% or above. Such examinations must be taken during the first semester of residency.

The School of Theology and Missions follows the Association of Theological Schools (ATS) guidelines regarding credit transfer and advanced standing.

- ATS requires that the transfer courses be graduate

level courses from an institution accredited by ATS or a recognized accrediting body.

- ATS allows seminaries and graduate schools to admit students with advanced standing with credit by reducing the number of hours required for the degree. The courses selected for advanced standing must be comparable to the School of Theology and Missions graduate courses, and the amount of credit is limited. Students with ORU undergraduate majors in Old or New Testament or in Theological and Historical Studies and who are eligible to apply for the M.A. academic track could receive up to 15 hours of advanced standing for undergraduate courses with a "B" or better.

Audit Privilege

Students in the School of Theology and Missions may—with the approval of the instructors, their faculty advisors, and the associate dean—audit, without academic credit, courses offered by the Seminary. The audit privilege allows students to attend courses for personal enrichment without fulfilling the academic requirements. Required courses in any degree program may not be audited. Regular class attendance, as outlined in the course syllabus, is required to maintain an audit on transcript. If students do not meet the audit requirements for a course, a "no pass" is recorded on the transcripts.

Students auditing a class may request the option of receiving a grade if they indicate this intention at the time of registration. Students must complete all course requirements according to the calendar of the course syllabus and submit a petition to the office of the associate dean to obtain credit for the course. The petition must be submitted and approved and tuition paid within one semester following enrollment in the course. Tuition must be paid at the time of the audit change request.

A full-time Seminary student may audit one course in the Seminary curriculum per semester at no charge. Students enrolled in a full-time course load are charged a fee for auditing an additional course. Students enrolled as part-time pay one-half tuition to audit a class.

ORU Distinctive Courses

The School of Theology and Missions has established specific courses in health fitness and Holy Spirit/Signs and Wonders that seek to fulfill the university's mission. These courses are unique to ORU and are called ORU distinctive courses. These are required as part of the Seminary programs.

Health Fitness

The School of Theology and Missions' faculty and students participate in a full range of fitness opportunities. The core of the health and physical education program is the aerobics emphasis. New students at the Seminary enroll in a one-semester, one-credit course titled Graduate Health Fitness. In this course, students are instructed on the body, its anatomy and physiology, and the role of exercise, diet, weight control, and stress management in good health. Students must submit the results of a medical evaluation. An exercise program is prescribed. Requirements are adjusted according to gender and age, and special programs are available for students who cannot meet the requirements.

In the semesters following the completion of Graduate Health Fitness, students may elect GHPE

515 Graduate Aerobics, GHPE 525 Graduate Walk for Fitness, or other activity courses. Students in the master of arts program need to take a total of three health fitness/activities courses, and students in the master of divinity program need to take a total of four courses. Graduate students are required to earn a grade of "C" or better in all HPE courses.

Holy Spirit/Signs and Wonders

During their first semesters of residency, students enrolled in a master's-level degree program are required to take the graduate courses GTHE 507 The Holy Spirit in the Now and GTHE 508 Signs and Wonders and the Healing Ministry. GTHE 507 deals with part of the basic theological beliefs and lifestyle unique to Oral Roberts University. Both of these courses include practical, contemporary demonstrations of Biblical concepts from the life of Jesus and the Book of Acts. The faculty of the ORU School of Theology and Missions firmly believes that the power and authority entrusted to the Early Church, as described in the Book of Acts, is still available to believers today. The miraculous power of Christ is to operate "in the now."

The theological faculty encourages all students to enroll in at least one additional course dealing with this vital area of ministry, such as GTHE 663 Charismatic Theology, GTHE 694 The Pentecostal/Charismatic Movements in Historical Perspective, GTHE 696 Divine Healing: A Theological and Historical Study, and GTHE 692 Pneumatology.

Theological Research Proficiency

All students entering any master's-level degree program are expected to have a comprehensive knowledge of English grammar and composition, the ability to do theological research, and a basic theological bibliography. Students passing the Theological Research Proficiency examination during first-semester orientation with a minimum score of 70 percent fulfill the requirement. Others are required to enroll in GTHE 517 Seminar in Theological Research Methods. Passing this course constitutes satisfying this proficiency requirement, which must be satisfied before students are allowed to enroll for graduate credit beyond 24 semester hours (not including prerequisite coursework). Taking PRM 784 Counseling Research meets this requirement for students in the M.A. counseling programs.

EVALUATION

Grading

Grades are recorded as "A," "B," "C," "D," or "F." Grade points are assigned to each grade: four grade points are allowed for each semester hour of "A"; three for "B"; two for "C"; and one for "D." In the School of Theology and Missions, only graduate hours for which grades of "A," "B," or "C" are earned count toward the completion of the degree. Grade-point averages appropriate to each program are to be maintained. Courses in which a grade of "D" or "F" is earned are reported on the transcript and are included in determining the grade point average.

The grade of "I" (incomplete) is allowed for work that is incomplete at the time grades are given. It is allowed only after the student establishes with the instructor and the associate dean, by petition, that work is incomplete for good cause. Incompletes are granted only for extenuating circumstances, normally prolonged illness that is verified by medical documentation or death in the family. Petitions for an incomplete grade

must be granted before the last day of regular classes. It is the responsibility of the student to make up any incomplete work and have the professor submit a grade change to the dean. If this is not done in the subsequent semester, the incomplete is changed to an "F."

Other marks used in grade reporting are "WP" (withdraw/passing), and "WF" (withdraw/failing), and "WM" (withdraw/military). When a course is dropped after two weeks, a "WP" is recorded if the student is passing at the time of the drop. If the student is not passing, a "WF" is recorded. Any student who withdraws from a class after the eighth week receives a "WF." The "WF" is counted as an "F" in determining the grade point average.

Assessment

Professional and personal assessment is an integral part of the total educational program of the ORU School of Theology and Missions. Assessment draws together the varied influences, experiences, and learning of the students in situations that are intentionally evaluative and advisory. It also helps students to become familiar with degree program goals and outcomes and to understand how they contribute to the achievement of the purpose statement for the Seminary.

The basic components for assessment are professional skills, specialized knowledge, and personal/spiritual development. The basic purpose is to determine student competencies in relationship to degree program goals. Identified program goals contribute to the overall University mission to prepare professionally competent servant-leaders who are spiritually alive, intellectually alert, physically disciplined, and socially adept.

The electronic portfolio (e Portfolio) is the primary tool for recording and assessing student achievement of program outcomes. As an assessment tool, the ePortfolio helps students to become familiar with the degree program goals and outcomes and to understand how they contribute to the achievement of the purpose statement of the Seminary. Throughout their academic programs, students maintain an electronic record of progress in achieving degree program outcomes. Various artifacts are designated to demonstrate the extent to which program goals are being achieved. Students upload artifacts (e.g., student research and essays) to ePortfolio during each semester of enrollment, and information relative to required artifacts is included in course syllabi. Records related to assessment are maintained by the school for aggregation of data and initiation of university assessment reports. Students must satisfactorily meet all requirements of assessment to graduate.

The assessment process includes a 0.5 credit hour course during both the first and final semesters of enrollment. An advisor-advisee degree program audit (PRF 057 Mid-Program Assessment) occurs when the student has completed one-half of the degree program. Enrollment in PRF 059 Whole Person Assessment, a corequisite of entry-level assessment, is also required to provide an electronic system (ePortfolio) for storing and assessing artifacts. The assessment office offers orientation and training to all students to assist them in understanding and fulfilling assessment requirements. An overview of the assessment program is given to all students at orientation, and specific requirements are explained in special sessions each semester, and at group advisement meetings. Information on the assessment process is also available online on the School of Theology and Missions class pages.

PRF 056 Entry-Level Assessment

All entering students enroll in PRF 056 Entry-Level Assessment. This level involves student participation in a peer group experience called Koinonia, where they reflect on their identity and calling, and at the culmination of the Koinonia group experience, write a self-reflection paper. Students also take the Myers Briggs Type Inventory, and after receiving training by a certified MBTI administrator to understand the interpretive report, the students write a paper analyzing their particular type and its impact on their ministry and leadership style.

A structured interview with academic advisors occurs as part of the entry-level assessment. The topics considered in Koinonia and the MBTI interpretive report are discussed in relationship to vocational plans. Advisors are assigned during entry-level assessment according to each student's degree program and remain the student's advisor through graduation.

Students also enroll in PRF 059 Whole Person Assessment, a corequisite of PRF 056 Entry-Level Assessment, for the purpose of recording their academic progress by uploading relevant documents ("artifacts") to ePortfolio. (A fee is attached to establish an ePortfolio account.) Artifacts are published, stored, and assessed online each semester of enrollment. Various artifacts have been designated to demonstrate the extent to which program goals are being achieved. Information relative to required artifacts is included in course syllabi. Training on how to use the electronic system occurs during the first semester. Based on the student's degree program, artifacts other than the reflection paper and MBTI response paper may be required.

PRF 057 Mid-Program Assessment Audit

PRF 057 Mid-Program Assessment Audit provides opportunities for students to discuss degree program progress with their advisors based on their degree programs. Students enroll for PRF 057 the semester following the completion of one-half of their course requirements or during the semester prior to enrollment in PRF 058 Candidacy-Level Assessment—whichever occurs first. During the mid-program audit, students discuss with their advisors how their personal calling has become more defined and reflect on their achievement of degree program goals. Students review their progress in achieving the personal and professional goals identified in PRF 056 Entry-Level Assessment.

The student provides an unofficial record of credit hours completed and an inventory of the program artifacts submitted so that student and advisor may assess progress in the seminary degree program. Credit for PRF 057 Mid-Program Assessment Audit is given when the student submits a file copy of the status recommendation/progress review form completed by the advisor.

PRF 058 Candidacy-Level Assessment

During the final semester of enrollment, students enroll in PRF 058 Candidacy-Level Assessment. The purpose of this assessment is to provide opportunities for professors, students, and community/church leaders to meet as a group to analyze the degree to which the degree program goals are being achieved by ORU seminary students.

Specified artifacts are required to demonstrate the overall attainment of outcomes for the degree program curriculum. The student is responsible to submit appropriate artifacts electronically and as a hard copy collection.

Based on their degrees, candidates prepare for and present themselves for their respective integrative

group experiences. Each candidate presents a portfolio of required artifacts and additional materials for faculty review. This experience also involves writing a paper that integrates the overall expected outcomes of the degree program and interaction with the faculty/professional supervisors. A representative panel assesses the artifacts according to respective rubrics.

Two or three events are planned for intentional evaluation of degree programs during candidacy-level assessment. This occurs through a planned dialogue between administration, faculty, and students. An exit dialogue between candidates for graduation and the deans of the Seminary is scheduled at the conclusion of the final semester.

BACKGROUND CHECK

Some clinical agencies and Christian ministries require students who participate in field experiences to undergo a criminal background check. Therefore, criminal background checks are conducted on all students the semester prior to enrollment in FED 672 Field Education Church, FED 673 Field Education Community, FED 750 Ministry Practicum, PRM 750 Christian Education Practicum, PRM 763 Counseling Practicum, PRM 764 Marriage and Family Practicum, PRM 775 Missionary Internship. The results of this search are filed with the university's office of Risk Management, and confidentiality is maintained. An unsatisfactory criminal record will prevent the student from enrolling in these classes and may affect the student's completion of degree requirements. Background check forms, instructions regarding this procedure, and the cost for this process are available with the professors who oversee the field-based courses. It is the responsibility of each student to comply with these requirements and to pay the required fee. It is the student's responsibility to inform the dean or associate dean of any new or pending criminal issues that may be involved. Failure to do so may result in disciplinary action or dismissal from the university.

FINANCIAL AID

Students are considered for financial aid once they have been accepted into the School of Theology and Missions. Students must submit a Free Application for Federal Student Aid (FAFSA) form and have a financial need as determined by Federal Student Aid Programs. Institutional funds are awarded only to full-time students in good academic standing. Detailed information appears in the Financial Information section of the first chapter of this catalog.

Teaching Assistantships

Teaching assistantships are available to students primarily in the academic master of arts degree programs. Responsibilities are usually in the theological baccalaureate program of ORU. Assistantships may include working under the supervision of a faculty advisor to enrich existing course content, developing new teaching resources, leading undergraduate Bible and theology discussion groups, participating in limited classroom teaching and lectures, or preparing special projects and assignments. These positions require an average of 15 hours per week.

Scholarships and Grants

Academic scholarships are awarded on the basis of academic achievement. The award may not exceed the student's need as determined by the Free Application for Federal Student Aid.

Grants-in-aid awards are made by the Seminary to deserving students with special qualifications and needs.

Work scholarships are awarded by the Seminary to some who have certain abilities and who are willing to complete work assignments.

Theology Scholarships are available to graduate students in the School of Theology and Missions based on entering GPAs or the cumulative GPA after two semesters (24 credit hours) of graduate theology coursework. The minimum GPA requirement is 3.5. Amounts range from \$700 to \$1,700 per year. Students can contact the Financial Aid office for more information.

A few endowed **Restricted Scholarships** are available for students meeting specific academic, denominational, and/or other requirements established by the donors. Students can contact the Financial Aid office for more information.

ORU Need Grants are available only to graduate theology students, and applications are included as part of the acceptance packet sent by the School of Theology and Missions. A completed FAFSA is required. Awards are based on need and availability of funds.

MASTER OF DIVINITY PROGRAM

The master of divinity degree (M.Div.) is the basic professional degree for ministry. The M.Div. is a balanced program that integrates the fields of Biblical literature, theological/historical studies, and the practices of ministry. As the foundational degree for practical ministry, this program prepares students for effective ministry as pastors, church associates, evangelists, chaplains, and a broad variety of ministries.

Many denominations and fellowships are represented in the ORU School of Theology and Missions. Ordination courses are available for represented groups. Courses on polity, history, and doctrine are offered through resident faculty and visiting professors. Several of these courses are a part of the regular rotation of courses; others are offered upon request.

Objectives

The purpose of the program is to prepare Spirit-filled, Biblically based, historically informed, socially and ethically accountable, theologically responsible, and skillfully enabled ministers of Jesus Christ for mission with the Church in the world. The basic objectives of the master of divinity program are as follows:

- To prepare candidates with a foundational knowledge of the content of Scripture within its cultural and historical context with application to selected contemporary situations.
- To prepare students to interpret Biblical writings in the Greek and/or Hebrew languages, using critical exegetical tools and writing a hermeneutical and exegetical paper.
- To provide a basic knowledge of the key movements and figures together with their significance in the history of Christianity.
- To provide a basic knowledge of the contents and methods of Christian theology.
- To enable students to develop skills and practical ministry strategies.
- To equip candidates with the Biblical, theological, and ethical understanding necessary to analyze and discuss contemporary social issues affecting the Church and society.

- To enable students to develop and articulate a theology and theory of ministry that is relevant to their backgrounds and callings.
- To provide opportunities to develop necessary skills for ministry within a variety of traditions, ministry settings, and cross-cultural contexts.
- To promote a Biblical/theological understanding of the person, work, and ministry of the Holy Spirit.
- To enable students to articulate clearly their ministry/professional calling.
- To enable students to demonstrate a ministerial formation that integrates a Biblical and theological content and a theology and theory of ministry with practical ministry skills.

Field Education

Field education enables students to integrate and employ Biblical-theological principles, practices of ministry, and charismatic empowerment in diverse contexts of supervised ministry in the church, community, and consultation/reflection groups to achieve competency in functioning as effective ministers of the Gospel.

For at least two semesters, master of divinity and master of practical theology students have opportunities for in-depth interpersonal, social, and spiritual ministry at sites such as hospitals, nursing homes, service organizations, and local churches. Qualified supervisors guide students through experiences that give accountable, practical training to develop their full potential as professionals in ministry.

Professors, site supervisors, and students meet weekly in consultation/reflection groups—either online or in a residential context—to discuss students' successes and challenges. Students receive guidance in dealing creatively with problems they may have encountered and in integrating their academic studies with practical experiences. The ministry/reflection emphasis encourages students to establish and evaluate their personal abilities as minister-theologians. A liability insurance fee is assessed for all field-based courses.

Grade Point Average

Before candidates for the master of divinity degree graduate, they must pass at least 88.5 semester hours of coursework, complete all prerequisites, satisfy all proficiency requirements, and have a minimum cumulative grade point average of 2.50. Before the conclusion of the fifth semester of full-time studies, students must have completed the professional evaluation process and received a "pass" grade on the Candidacy-Level Assessment. Participation in graduation ceremonies is required of all candidates.

MASTER OF DIVINITY DEGREE (MDV)

Master of Divinity

The master of divinity degree is a six-semester, 88.5 hour program structured around field education and the three curricula areas of the Seminary (Biblical literature, theological/historical studies, and practices of ministry). Students are required to enroll in two semesters of field education after 50% of their coursework is complete. Twelve semester hours of open electives are provided to all students to bridge deficient areas or enhance areas of interest, including counsel-

ing, missions, Biblical literature, and theological/historical studies. Because ORU also has graduate programs in education and business, students may choose to use a limited number of these elective hours for cross-disciplinary training.

Prerequisite/Leveling Courses*		Credit Hours
<i>Choice of one of the following:</i>		0-3
GTHE 517	Seminar in Theological Research (3 hrs.)	
PRF 049	Theological Research Proficiency Exam (0 hrs.)	

Prerequisite Total 0-3

*Credit hours from prerequisite/leveling courses do not apply toward the graduate degree.

Biblical Literature

GBIB	Greek/Hebrew Synthesis I	3
GBIB	Greek/Hebrew Synthesis II	3
GBIB 551	Old Testament Synthesis	3
GBIB 571	New Testament Synthesis	3
GBIB	Elective	3
GBIB	Language/Translation Elective	3
PRF 052/053	Biblical Language Proficiency	0
<i>Choice of one of the following two courses:</i>		3
GBIB 561	Old Testament Hermeneutics and Exegesis (Hebrew)	
GBIB 581	New Testament Hermeneutics and Exegesis (Greek)	

Biblical Literature Total 21

Theological/Historical Studies

GTHE 551	Systematic Theology I	3
GTHE 561	Systematic Theology II	3
GTHE 571	Church History I	3
GTHE 581	Church History II	3
GTHE 661	Introduction to Christian Ethics	3
GTHE	Electives	6

Theological/Historical Studies Total 21

Practices of Ministry

PRM 511	Introduction to Christian Missions	3
PRM 661	Preaching and the Healing Ministry	3
PRM 669	Practice Preaching	2
PRM 673	Introduction to Pastoral Care	3
PRM	Electives	9
FED 672	Field Education (Church)	1.5
FED 673	Field Education (Community)	1.5
PRM 551	Christian Education	3

Practices of Ministry Total 26

ORU Distinctive Courses

PRF 056	Entry-Level Assessment	0.5
PRF 057	Mid-Level Assessment	0
PRF 058	Candidacy-Level Assessment	0.5
PRF 059	Whole Person Assessment	0
GTHE 507	Holy Spirit in the Now	3
GTHE 508	Signs and Wonders and the Healing Ministry	2
GHPE 503	Graduate Health Fitness*	1
<i>Choice of three of the following:</i>		1.5
GHPE 515	Graduate Aerobics (.5)	
GHPE 525	Graduate Walk for Fitness (.5)	
HPE	Activity course (.5)	
HPE	Activity course (.5)	
HPE	Activity course (.5)	

ORU Distinctives Total Electives 8.5
12

Degree Total 88.5

*Students who completed Health Fitness I and II as ORU undergraduates need to substitute an activities course for GHPE 503, which may decrease the degree total by .5 credit hour.

MASTER OF ARTS PROGRAMS

The ORU School of Theology and Missions offers two master of arts programs: the Academic Program and the Professional Program.

ACADEMIC DEGREES

The master of arts degree can be earned in the following academic degree programs:

- Biblical Literature (with optional concentrations in either advanced languages or Judaic-Christian Studies)
- Theological and Historical Studies

The purpose of the academic master of arts degree is to enable students to understand and appreciate the Biblical, historical, and theological content of the Christian faith within a charismatic context, and to assist students in interpreting and communicating the Christian faith with ecumenical breadth in a manner accountable to their particular ecclesiastical communities. The academic master's degree is designed as a terminal degree for those planning to teach in churches, Bible colleges, and Christian schools or as foundational study for those desiring to pursue doctoral studies in the same or related disciplines.

ORU undergraduate theology students (1) majoring in Old Testament, New Testament, or Theological and Historical Studies; (2) maintaining a minimum 3.0 cumulative GPA; and (3) providing an undergraduate theology professor's recommendation are eligible for the M.A. academic track. Students can complete the M.A. in two semesters and one summer. Students may receive up to 15 hours of advanced standing for undergraduate courses completed with a "B" or better.

Language Proficiency

Proficiency in any prerequisite language must be achieved before students are allowed to enroll for graduate credit beyond 24 semester hours (not including prerequisite coursework).

Language proficiency is demonstrated in one of two ways: achieving greater than 70% on either the language proficiency examination or the final examination of the second semester of a language course. Students need to sign up for language proficiency even though it is not for credit.

When this proficiency is satisfied, students must consult with their faculty advisors to confirm that their degree plan sheets reflect the fulfillment of these entrance requirements.

Thesis

Students in the academic master of arts program are required to write a thesis, which allows them to do focused research on topics of their own choosing. As a learning instrument, the master of arts thesis provides an index of the student's ability to conduct research in a given area and to organize and present the results of the research in a systematic way. The topic must be approved by the faculty advisor, the area committee, and the associate dean. For details of procedure to be followed in writing the thesis, the student should consult the syllabus for GBIB 757 or GTHE 757.

Graduation Requirements

Before candidates for the academic master of arts degrees graduate, they must pass at least 52 semester hours of coursework, complete all prerequisites, satisfy all proficiency requirements, and have a minimum cumulative grade point average of 3.00. They must have completed the professional evaluation. Participation in the graduation ceremonies is required of all candidates.

BIBLICAL LITERATURE (MBL)

Master of Arts

The Master of Arts in Biblical Literature is designed to give students hermeneutical and exegetical perspectives, tools, and methods to develop a comprehensive understanding of the Old and New Testament and to interpret Biblical content responsibly and perceptively. This program enables students to integrate hermeneutical and exegetical insights into a theological/historical framework shaped by interaction with the charismatic ethos of Oral Roberts University.

Students acquire a working knowledge of Biblical languages (Hebrew and Greek). In order to provide students with a knowledge of the theological and historical context in which the Church operates, this program includes a Biblical, theological, and historical studies core.

Proficiency in Biblical Greek and Hebrew is an integral part of this program. Transcript credit and proficiency in both Greek and Hebrew are required for graduation. For students pursuing the literature concentration, the first Biblical language is a prerequisite, but the second language is part of the concentration and counts toward fulfilling the degree requirements. For students pursuing the advanced languages concentration, proficiency in both Biblical languages is a prerequisite.

Biblical Literature Prerequisites/Leveling Courses

Students intending to pursue the Biblical literature program are required to satisfy a minimum of 12 semester hours of Biblical literature plus six semester hours (two semesters) of elementary Biblical Greek or Hebrew. Those who have not fulfilled these prerequisite requirements in baccalaureate studies with at least a "C" grade and demonstrated current proficiency (a minimum of 70% on a written examination) may take the following prerequisite/leveling courses to prepare them for the graduate coursework. (Prerequisite/leveling courses are courses at the undergraduate level that help prepare students for courses in the graduate degrees; these courses do not apply toward the master's degree.)

	Credit Hours
GBIB 551 Old Testament Synthesis	3
GBIB 571 New Testament Synthesis	3
GBIB Bible electives (500 level)	6
PRF 052/053 Biblical Language Proficiency	0
Choice of one of the following two courses:	3
GBIB 500 Greek Synthesis I	
GBIB 510 Hebrew Synthesis I	
Choice of one of the following two courses:	3
GBIB 501 Greek Synthesis II	
GBIB 511 Hebrew Synthesis II	
Choice of one of the following:	0-3
GTHE 517 Seminar in Theological Research (3 hrs.)	
PRF 049 Theological Research Proficiency Exam (0 hrs.)	
Prerequisites/Leveling Total	18-21

Biblical Literature with the Advanced Languages Concentration Prerequisites/Leveling Courses

All students intending to pursue the Biblical literature program with the advanced languages concentration must demonstrate proficiency in both Biblical Greek I and II and Hebrew I and II at the time of matriculation. They may do so by transferring credit from another accredited university or by having ORU credit for Hebrew I and II and Greek I and II with grades of "C" or better. Additionally, students may be required to achieve a minimum of 70 percent on a written examination. The prerequisite/leveling courses for this concentration are as follows: (Prerequisite/leveling courses are courses at the undergraduate level that help prepare students for courses in the graduate degrees; these courses do not apply toward the masters degree.)

	Credit Hours
GBIB 500 Greek Synthesis I	3
GBIB 501 Greek Synthesis II	3
GBIB 510 Hebrew Synthesis I	3
GBIB 511 Hebrew Synthesis II	3
GBIB 551 Old Testament Synthesis	3
GBIB 561 Old Testament Exegesis (Hebrew)	3
GBIB 571 New Testament Synthesis	3
GBIB 581 New Testament Exegesis	3
PRF 053 Greek Proficiency	0
PRF 052 Hebrew Proficiency	0
Choice of one of the following:	0-3
GTHE 517 Seminar in Theological Research (3 hrs.)	
PRF 049 Theological Research Proficiency Exam (0 hrs.)	
Prerequisites/Leveling Total	24-27

Biblical Literature with the Judaic-Christian Studies Concentration Prerequisites/Leveling Courses

All students intending to pursue the Biblical literature program with the Judaic-Christian Studies concentration must demonstrate proficiency in Biblical Greek or Hebrew at the time of matriculation. They may do so by transferring credit from another accredited university or by having ORU credit for Hebrew I and II and Greek I and II with grades of "C" or better. Additionally, students may be required to achieve a minimum of 70 percent on a written examination. The prerequisite/leveling courses for this concentration are as follows: (Prerequisite/leveling courses are courses at the undergraduate level that help prepare students for courses in the graduate degrees; these courses do not apply toward the master's degree.)

	Credit Hours
GBIB 551 Old Testament Synthesis	3
GBIB 571 New Testament Synthesis	3
GBIB Bible elective (500 level)	3
PRF 052/053 Biblical Language Proficiency	0
Choice of one of the following two courses:	3
GBIB 500 Greek Synthesis I	
GBIB 510 Hebrew Synthesis I	
Choice of one of the following two courses:	3
GBIB 501 Greek Synthesis II	
GBIB 511 Hebrew Synthesis II	
Choice of one of the following two courses:	3
GBIB 561 Old Testament Hermeneutics and Exegesis (Hebrew)	
GBIB 581 New Testament Hermeneutics and Exegesis (Greek)	
Choice of one of the following:	0-3
GTHE 517 Seminar in Theological Research (3 hrs.)	
PRF 049 Theological Research Proficiency Exam (0 hrs.)	
Prerequisites/Leveling Total	18-21

ORU Distinctive Courses

All students in the Master of Arts in Biblical Literature program take these ORU distinctive courses:

Credit Hours

PRF 056	Entry-Level Assessment	0.5
PRF 057	Mid-Level Assessment	0
PRF 058	Candidacy-Level Assessment	0.5
PRF 059	Whole Person Assessment	0
GTHE 507	Holy Spirit in the Now	2
GTHE 508	Signs and Wonders and the Healing Ministry	2
GHPE 503	Graduate Health Fitness*	1
Choice of two of the following:		1
GHPE 515	Graduate Aerobics (.5)	
GHPE 525	Graduate Walk for Fitness (.5)	
HPE	Activity course (.5)	
HPE	Activity course (.5)	

ORU Distinctives Total 7

*Students who completed Health Fitness I and II as ORU undergraduates need to substitute an activities course for GHPE 503, which may decrease the degree total by .5 credit hour.

Biblical, Theological, and Historical Core

All students in the Master of Arts in Biblical Literature program take these courses in this core:

		<i>Credit Hours</i>
GBIB 611	Theology of the Old Testament	3
GBIB 621	Theology of the New Testament	3
GBIB 756	Thesis Research	1
GBIB 757	Thesis Writing	2
GBIB	Concentration	24
GTHE	Electives*	12
Core Total		<hr/> 45

*Students with the Judaic-Christian Studies concentration take GTHE 681, one GTHE elective, and six hours of Bible or Judaic-Christian studies electives. Students should consult their advisors when selecting appropriate electives.

■ Literature Courses (LC)

Students not taking the advanced languages concentration take the following courses:

		<i>Credit Hours</i>
GBIB	Biblical literature electives	12
GBIB	Language translation elective	3
PRF 052/053	Biblical Language Proficiency	0
<i>Choice of one of the following hermeneutics :</i>		3
GBIB 561	Old Testament Hermeneutics and Exegesis (Hebrew)	
GBIB 581	New Testament Hermeneutics and Exegesis (Greek)	
<i>Choice of one of the following sequences:</i> <i>(second Biblical language)</i>		6
GBIB 500	Greek Synthesis I	
GBIB 501	Greek Synthesis II	
GBIB 510	Hebrew Synthesis I	
GBIB 511	Hebrew Synthesis II	
Literature Total		<hr/> 24

■ Advanced Languages Concentration (ALC)

Choice of twelve hours from the following:		12
GBIB 618	Matthew (Greek)	
GBIB 632	Isaiah (Hebrew)	
GBIB 633	Pentateuch (Hebrew)	
GBIB 636	Exodus (Hebrew)	

GBIB 637	Deuteronomy (Hebrew)	
GBIB 682	Synoptic Gospels (Greek)	
GBIB 683	Mark (Greek)	
GBIB 704	Psalms (Hebrew)	
GBIB 715	The Bible and Midrash (Hebrew)	
GBIB 729	Colossians/Ephesians (Greek)	
GBIB 744	Septuagint (Greek and Hebrew)	
GBIB 747	Dead Sea Scrolls (Hebrew)	
GBIB 777	Exegesis of Romans (Greek)	
GBIB 787	Cross/Resurrection in the New Testament (Greek)	
<i>Choice of twelve hours from the following:</i>		12
GBIB 663	Syriac	
GBIB 712	Akkadian	
GBIB 714	Ugaritic	
GBIB 754	Coptic Studies	
GBIB 755	Classical Egyptian	
GBIB 761	Advanced Syriac	
GBIB 764	Biblical Aramaic	
Concentration Total		24
■ Judaic-Christian Studies Concentration (JCSC)		
GBIB 618	Matthew (Greek)	3
GBIB 676	Pauline Theology and Early Jewish Thought	3
GBIB 688	The Jewish Background to the Gospels	3
GBIB 715	The Bible and Midrash (Hebrew)	3
GBIB 766	Introduction to Rabbinic Thought and Literature	3
GBIB	Bible or Judaic-Christian elective	3
<i>Choice of one of the following sequences: (second Biblical language)</i>		6
GBIB 500	Greek Synthesis I	
GBIB 501	Greek Synthesis II	
GBIB 510	Hebrew Synthesis I	
GBIB 511	Hebrew Synthesis II	
Concentration Total		24
Degree Total		52

THEOLOGICAL AND HISTORICAL STUDIES (MTH)

Master of Arts

The Master of Arts in Theological and Historical Studies is designed to prepare students for teaching and research in historical and theological studies, the communication of the doctrines of the faith, and the history of Christianity.

This program enables students to understand and communicate the basic historical and theological heritage of the Christian faith and to increase their appreciation of the historical roots of the doctrinal emphases within their particular communities of faith. It provides students with a firsthand acquaintance with the people, creeds, liturgies, and systems of faith and order that comprise the basic elements of their heritage. A cognate is required to provide students with a Biblical foundation and context for their studies.

The students' abilities to understand and evaluate the issues and dynamics in the contemporary communities of faith and in contemporary theology are enhanced, thus strengthening their abilities to defend their faith.

Historical theology provides the conceptual framework for the Master of Arts in Theological and Historical Studies program. Proficiency in either theological German or theological French is required for graduation.

Another language, however, may be substituted with the approval of the area committee when such a language is especially relevant and clearly demonstrated for the successful completion of a course of study.

Prerequisites/Leveling Courses*

Applicants who have not majored in theological and historical studies in their baccalaureate studies are required to complete a minimum of 15 semester hours of theological and historical prerequisites. Applicants should satisfy these requirements during the first year of enrollment. (Credit hours from prerequisite/leveling courses do not apply toward the graduate degree.)

		Credit Hours
GTHE 551	Systematic Theology I	3
GTHE 561	Systematic Theology II	3
GTHE 571	Church History I	3
GTHE 581	Church History II	3
<i>Choice of one of the following:</i>		0-3
GTHE 517	Seminar in Theological Research (3 hrs.)	
PRF 049	Theological Research Proficiency Exam (0 hrs.)	

Because theological German or French is a required part of the Master of Arts in Theological and Historical Studies, it is suggested that applicants complete two years of modern German or French in their baccalaureate programs.

ORU Distinctive Courses and Proficiencies

PRF 056	Entry-Level Assessment	0.5
PRF 057	Mid-Level Assessment	0
PRF 058	Candidacy-Level Assessment	0.5
PRF 059	Whole Person Assessment	0
GTHE 507	Holy Spirit in the Now	2
GTHE 508	Signs and Wonders and the Healing Ministry	2
GHPE 503	Graduate Health Fitness*	1
<i>Choice of two of the following:</i>		1
GHPE 515	Graduate Aerobics (.5)	
GHPE 525	Graduate Walk for Fitness (.5)	
HPE	Activity course (.5)	
HPE	Activity course (.5)	

ORU Distinctives Total 7

*Students who completed Health Fitness I and II as ORU undergraduates need to substitute an activities course for GHPE 503, which may decrease the degree total by .5 credit hour.

	Credit Hours
GTHE 624	Christian Apologetics 3
GTHE	Theological language (French/German) 3
GTHE 681	Historical Theology 3
GTHE 756	Thesis Research 1
GTHE 757	Thesis Writing 2
PRF 052/053	Biblical Language Proficiency 0
GTHE	Theological/historical electives 21

Theological/Historical Studies Total 33

Biblical Literature Cognate

GBIB 507	Biblical Hermeneutics	3
GBIB 551	Old Testament Synthesis	3
GBIB 571	New Testament Synthesis	3
GBIB	Biblical literature elective	3

Cognate Total 12

Degree Total 52

PROFESSIONAL DEGREES

The master of arts degree can be earned in the following professional degree programs:

- Christian Counseling (with an optional concentration in marital and family therapy)
- Christian Education
- Missions
- Practical Theology

The professional master of arts degree programs prepare candidates for specialized ministries within the local church, church-related agencies, or other professional settings. These programs provide students with the theories, skills, and practical abilities necessary to perform effectively the ministry to which they are called. They also provide the general Biblical and theological understanding necessary for specialized ministries or foundational studies necessary for pursuing doctoral studies.

Practicum/Internship

Each professional master of arts degree program requires at least one semester of supervised experience in the chosen area of concentration. The practicum and/or internship offers an opportunity for students to use the principles and skills learned in the classroom. It also provides opportunities to observe professional models of leadership and ministry. Students in practicums, internships, and field education courses are charged a professional liability insurance fee.

Graduation Requirements

Before candidates for the professional master of arts degree graduate, they must pass at least 58 or 64 semester hours of coursework, depending on their degree. They must complete all prerequisites, satisfy all proficiencies, complete the professional evaluation, and have a minimum cumulative grade point average of 2.50.

CHRISTIAN COUNSELING (CCL)

Master of Arts

The Master of Arts in Christian Counseling is designed to prepare students for a specialized ministry of counseling within the context of the local church, church-related agencies, or other professional settings. The program enables students to integrate the most effective models and theories of counseling with a sound Biblical and theological perspective and a sensitivity to the operation of the Holy Spirit. Helping hurting people is an essential element of the Gospel, and this program equips students to help people realize wholeness in every area of their lives—spirit, mind, and body.

The M.A. in Christian Counseling program is designed to meet the licensure requirements for Licensed Professional Counselors (LPC) and for Licensed Marital and Family Therapists (LMFT). While licensure requirements vary across states, certain core courses tend to be standard. Students are encouraged to contact individual state licensing offices to determine if any additional coursework is needed. Advisors are available to help students design their degree plans accordingly.

Because students are called to the counseling ministry at all stages of life, this degree does not require prerequisites before matriculation. The courses within the degree, however, are sequential and need to be completed in a specified order. Advisors guide students in making these selections.

Students are required to pass an objective competency exam before enrolling in practicum and internship courses. This exam (offered in January, May, and August) is designed to prepare students for the state licensure exam. Students can take this competency exam more than once. Students who fail to pass the exam or who elect not to take it may substitute two PRM electives in place of the practicum and internship in order to complete the hours for the degree. However, without passing the exam and the practicum and internship courses, the student is not eligible for licensure.

ORU Distinctive Courses and Proficiencies

PRF 056	Entry-Level Assessment	0.5
PRF 057	Mid-Level Assessment	0
PRF 058	Candidacy-Level Assessment	0.5
PRF 059	Whole Person Assessment	0
GHPE 503	Graduate Health Fitness*	1
<i>Choice of two of the following:</i>		1
GHPE 515	Graduate Aerobics (0.5)	
GHPE 525	Graduate Walk for Fitness (0.5)	
HPE	Activity course (0.5)	
HPE	Activity course (0.5)	

ORU Distinctives Total

3

*Students who completed Health Fitness I and II as ORU undergraduates need to substitute an activities course for GHPE 503, which may decrease the degree total by .5 credit hour.

Biblical and Theological Foundations

PRM 528	Christian Approaches to Counseling	3
PRM 571	Theology of Counseling	3
GTHE 507	Holy Spirit in the Now	2
GTHE 508	Signs and Wonders and the Healing Ministry	2
GTHE 518	Introduction to Theology	3
<i>Choice of one of the following Old Testament courses:</i>		3
GBIB 505	Introduction to Old Testament Literature	
GBIB 551	Old Testament Synthesis	
<i>Choice of one of the following New Testament courses:</i>		3
GBIB 506	Introduction to New Testament Literature	
GBIB 571	New Testament Synthesis	

Biblical and Theological Total

19

■Professional Counselor (PFCC)

PRM 623	Ethics and Professional Issues in Counseling	3
PRM 625	Counseling Theories	3
PRM 635	Human Growth and Development	3
PRM 670	Introduction to Psychopathology	3
PRM 671	Religion and Personality	3
<i>Choice of one of the following:</i>		3
PRM 630	Counseling Methods	
PRM 760	Cognitive Therapy	
PRM 762	Narrative Therapy	

Total

18

Professional Counselor Applications

PRM 624	Counseling Diverse Populations	3
PRM 676	Marriage Counseling	3
PRM 679	Vocational Guidance	3
PRM 681	Group Dynamics	3
PRM 724	Testing and Assessment I	3
PRM 763	Counseling Practicum*	3
PRM 781	Counseling Internship*	3
PRM 784	Counseling Research	3
PRF 061	Counseling Comprehensive	0

Applications Total

24

Degree Total

63

*Students not wishing to be licensed may substitute other PRM courses for this internship and practicum.

State Licensure

Students desiring licensure as a licensed professional counselor may need to complete additional hours of counseling electives. State requirements vary. Additional courses required for licensure in Oklahoma are as follows:

		<i>Credit Hours</i>
PRM 643	Marital/Family Systems Theory	3
PRM 723	Counseling Children and Adolescents	3
PRM 732	Testing and Assessment II	3
PRM 770	Diagnosis and Treatment of Psychopathology	3
<i>Choice of one of the two following courses:</i>		3
PRM 627	Crisis Counseling	
PRM 645	Counseling the Elderly	

Licensure Total

15

■Marital and Family Therapy Concentration (MFTC)

PRM 539	Contemporary Family	3
PRM 623	Ethics and Professional Issues in Counseling	3
PRM 635	Human Growth and Development	3
PRM 639	Family Development	3
PRM 643	Marital/Family Systems Theory	3
PRM 670	Introduction to Psychopathology	3
PRM 671	Religion and Personality	3
<i>Choice of one of the following:</i>		3
PRM 630	Counseling Methods	
PRM 760	Cognitive Therapy	
PRM 762	Narrative Therapy	

Concentration Total

24

MFT Applications

PRM 641	Assessment in Marital and Family Therapy	3
PRM 764	Marital and Family Therapy Practicum*	3
PRM 782	Marital and Family Therapy Internship*	3
PRM 784	Counseling Research	3
<i>Choice of two of the following courses:</i>		6
PRM 642	Family Therapy	
PRM 676	Marriage Counseling	
PRM 723	Counseling Children and Adolescents	

Applications Total

18

Degree Total

64

*Students not wishing to be licensed may substitute other PRM courses for this internship and practicum.

CHRISTIAN EDUCATION (MCE)

Master of Arts

The Master of Arts in Christian Education is designed for students preparing for service in the various professional capacities of a Christian education ministry. The program provides the comprehensive background in Christian education necessary to pursue a career in teaching or doctoral studies. This program is structured to provide well-balanced training in both the theory and practice of Christian education. It seeks to develop the essential skills of communication, teaching, and leadership, which are fundamental to a minister of Christian education. The concept of a total church program is emphasized with a philosophy flexible enough

to meet the demands of both professional and lay workers in the local church. (Credit hours from prerequisite courses do not apply toward the graduate degree.)

Prerequisite/Leveling Courses

Choice of one of the following:		0-3
GTHE 517	Seminar in Theological Research (3 hrs.)	
PRF 049	Theological Research Proficiency Exam (0 hrs.)	

Prerequisites/Leveling Total

0-3

ORU Distinctive Courses and Proficiencies

PRF 056	Entry-Level Assessment	0.5
PRF 057	Mid-Level Assessment	0
PRF 058	Candidacy-Level Assessment	0.5
PRF 059	Whole Person Assessment	0
GTHE 507	Holy Spirit in the Now	2
GTHE 508	Signs and Wonders and the Healing Ministry	2
GHPE 503	Graduate Health Fitness*	1
<i>Choice of two of the following:</i>		1
GHPE 515	Graduate Aerobics (.5)	
GHPE 525	Graduate Walk for Fitness (.5)	
HPE	Activity course (.5)	
HPE	Activity course (.5)	

ORU Distinctives Total

7

*Students who completed Health Fitness I and II as undergraduates need to substitute an activities course for GHPE 503, which may decrease the degree total by .5 credit hour.

Christian Education Studies

PRM 549	Foundations of Christian Education	3
PRM 560	Teaching the Word	3
PRM 635	Human Growth and Development	3
PRM 658	Curriculum of Christian Education	3
PRM 659	Leadership and Administration in the Church	3
PRM 750	Christian Education Practicum	3
PRM	Christian education electives	12

Christian Education Total

30

Biblical/Theological Cognate

GBIB 507	Biblical Hermeneutics	3
GTHE 518	Introduction to Theology	3
<i>Choice of one of the following Old Testament courses:</i>		3
GBIB 505	Introduction to Old Testament Literature	
GBIB 551	Old Testament Synthesis	
<i>Choice of one of the following New Testament courses:</i>		3
GBIB 506	Introduction to New Testament Literature	
GBIB 571	New Testament Synthesis	
GTHE/GBIB	Electives	6
PRM	Missions/church growth/evangelism elective	3

Cognate Total

21

Degree Total

58

MISSIONS (MISS)

Master of Arts

The Master of Arts in Missions is a specialized program designed to train competent professionals to carry the healing gospel "where God's light is dim, where His voice is heard small, where His healing power is not known, even to the uttermost bounds of the earth...." The program presents a well-rounded philosophy of missions with emphases on Biblical principles, the ministry of healing, worldwide evangelism, church planting, and methods of effective cross-cultur-

al communication. It prepares students for effective cross-cultural ministry in foreign missions organizations, home missions organizations, and other related ministries.

Applicants for the Master of Arts in Missions should have completed 12 prerequisite semester hours as listed below in their baccalaureate degree programs. Students who have not met this requirement at the time of matriculation must enroll in the required prerequisite courses. These courses should be selected in consultation with the faculty advisor.

Prerequisite/Leveling Courses*	Credit Hours
GTHE 518 Introduction to Theology	3
<i>Choice of one of the following Old Testament courses:</i>	3
GBIB 505 Introduction to Old Testament Literature	
GBIB 551 Old Testament Synthesis	
<i>Choice of one of the following New Testament courses:</i>	3
GBIB 506 Introduction to New Testament Literature	
GBIB 571 New Testament Synthesis	
<i>Choice of one of the following:</i>	0-3
GTHE 517 Seminar in Theological Research (3 hrs.)	
PRF 049 Theological Research Proficiency Exam (0 hrs.)	
Prerequisites Total	9-12

*Credit hours from prerequisite courses do not apply toward the graduate degree.

ORU Distinctive Courses and Proficiencies	Credit Hours
PRF 056 Entry-Level Assessment	0.5
PRF 057 Mid-Level Assessment	0
PRF 058 Candidacy-Level Assessment	0.5
PRF 059 Whole Person Assessment	0
GHPE 503 Graduate Health Fitness*	1
GTHE 507 Holy Spirit in the Now	2
GTHE 508 Signs and Wonders and the Healing Ministry	2
<i>Choice of two of the following:</i>	1
GHPE 515 Graduate Aerobics (.5)	
GHPE 525 Graduate Walk for Fitness (.5)	
HPE Activity course (.5)	
HPE Activity course (.5)	
ORU Distinctives Total	7

*Students who completed Health Fitness I and II as ORU undergraduates need to substitute an activities course for GHPE 503, which may decrease the degree total by .5 credit hour.

Missions Studies	Credit Hours
PRM 516 Historical and Theological Foundations of Missions	3
PRM 519 Missionary Basics	3
PRM 544 Principles of Church Growth	3
PRM 575 Missionary Anthropology	3
PRM 773 Language Acquisition	3
PRM 775 Missionary Internship	3
PRM Missions electives	15
Missions Studies Total	33

Biblical/Theological Cognate	Credit Hours
GBIB 507 Biblical Hermeneutics	3
GBIB Electives	6
GTHE Theology/Biblical literature electives	6
GTHE Elective	3
Cognate Total	18
Degree Total	58

PRACTICAL THEOLOGY (MPT)

Master of Arts

The Master of Arts in Practical Theology is designed to equip graduates for effective ministry in the local church and in parachurch settings. Graduates who prepare for ministry in the local church usually serve under the direction of pastors and are not seeking admission to the ordained ministry. This degree program prepares leaders by increasing their competence in and understanding of the Word of God through hermeneutical and study skills and by developing a theological framework for their understanding of the teaching of Scripture and for the practices of ministry.

This degree program is structured to provide a strong Biblical/theological/practical ministry foundation for leadership and includes flexibility for students to structure their own programs to meet perceived needs in ministry.

Fifteen semester hours of open electives are provided to all students to bridge deficient areas or enhance areas of interest, including counseling, missions, Biblical literature, and theological/historical studies. Because ORU also has graduate programs in education and business, students may choose to use a limited number of these elective hours for cross-disciplinary training.

Prerequisites*	Credit Hours
<i>Choice of one of the following:</i>	0-3
GTHE 517 Seminar in Theological Research (3 hrs.)	
PRF 049 Theological Research Proficiency Exam (0 hrs.)	
Prerequisites Total	0-3

*Credit hours from prerequisite courses do not apply toward the graduate degree.

ORU Distinctive Courses and Proficiencies	Credit Hours
PRF 056 Entry-Level Assessment	0.5
PRF 057 Mid-Level Assessment	0
PRF 058 Candidacy-Level Assessment	0.5
PRF 059 Whole Person Assessment	0
GTHE 507 Holy Spirit in the Now	2
GTHE 508 Signs and Wonders and the Healing Ministry	2
GHPE 503 Graduate Health Fitness*	1
<i>Choice of two of the following:</i>	1
GHPE 515 Graduate Aerobics (.5)	
GHPE 525 Graduate Walk for Fitness (.5)	
HPE Activity course (.5)	
HPE Activity course (.5)	
ORU Distinctives Total	7

*Students who completed Health Fitness I and II as ORU undergraduates need to substitute an activities course for GHPE 503, which may decrease the degree total by .5 credit hour.

Practical Theology Studies	Credit Hours
GBIB 507 Biblical Hermeneutics	3
GBIB Bible elective	3
GTHE 551 Systematic Theology I	3
GTHE 561 Systematic Theology II	3
GTHE 571 Church History I	3
GTHE 581 Church History II	3
PRM Missions/church growth/evangelism elective	3
FED 750 Ministry Practicum	3

<i>Choice of one of the following two courses:</i>	3
GBIB 505 Introduction to Old Testament Literature	
GBIB 551 Old Testament Synthesis	
<i>Choice of one of the following two courses:</i>	3
GBIB 506 Introduction to New Testament Literature	
GBIB 571 New Testament Synthesis	
<i>Choice of one of the following two courses:</i>	3
PRM 560 Teaching the Word	
PRM 663 Text to Sermon	
<i>Choice of one of the following two courses:</i>	3
PRM 626 Principles of Biblical Counseling	
PRM 673 Introduction to Pastoral Care	

Practical Theology Studies Total	36
Electives*	15
Degree Total	58

*These electives are provided to enable students to meet personal ministry needs and are to be selected in consultation with faculty advisors.

DOCTOR OF MINISTRY

The Doctor of Ministry (D.Min.) is an advanced professional degree designed to continue the education of ministers so that they may be spiritually renewed and increasingly effective in their world ministries. The purpose of the program is to help ministers grow in their understandings and interpretations of the Church's ministry in relation to Biblical, theological, historical, ethical, and practical areas. Students are challenged to develop their ministerial skills and to refine and articulate a theology of ministry while in a setting of ministry. A distinctive of the doctoral program at ORU is the attempt to enable students to understand both the positive and problematic aspects of the charismatic dimensions of ministry.

In-Ministry Degree

Students in the doctoral program remain in their full-time ministries. As an in-ministry degree, it is closely integrated with the actual practice of ministry. Students meet in a modular format on campus for a total of seven weeks over a two-year period for seminars, workshops, and research clinics. Most of the study/work is done individually in the setting of the local parish or other field of service. Students also complete an applied research project involving research and writing about a ministry situation.

Admission Requirements

Candidates applying for admission to the doctoral program should hold a first professional theological degree (M.Div. or the equivalent) with a 3.0 grade point average from an ATS accredited Seminary. They should also have a minimum of three years of full-time post-masters degree ministry experience.

Each applicant must submit the following:

- A biographical statement concerning the call to the ministry and the way in which that call has been expressed to the present (minimum of 500 words).
- A statement outlining why the applicant desires to pursue the D.Min. degree at Oral Roberts University.
- Four letters of reference—one from an ecclesiastical overseer (if there is one), one from a Seminary professor, one from a peer in ministry, and one from a knowledgeable lay person.

- Official transcripts of all undergraduate and graduate studies to date.

The Admissions Committee makes a determination based on all relevant data and policies of the School of Theology and Missions. The Admissions Committee may require applicants to submit additional information for evaluation such as a personal interview, psychological test results, a spouse's endorsement, or a statement of status at another educational institution.

Curriculum and Course Load

The program is built around core courses, a choice of specializations (called "concentrations"), and a research project. A cohort of students follow the same sequence of courses for their core courses but separate as they choose from one of the two specializations available: (1) Pastoral Care and Counseling and (2) Church Ministries and Leadership.

During the project phase, each student chooses an area of special interest and completes an applied research project within that area. Projects focus on such themes of ministry as evangelism, church growth, preaching, Christian education, missions, church and society, administration, and pastoral care and healing.

The full-time load for doctoral students in the School of Theology and Missions is 6 hours per semester while enrolled in the coursework phase of the program. One hour per semester is considered full-time when enrolled in the project phase.

Two academic years are required for completion of the coursework. The applied research project may be finished during the third year. The entire program must be concluded within five years after entry. Additional information is available in the Doctor of Ministry Handbook.

DOCTOR OF MINISTRY (DMIN)

The Doctor of Ministry degree requires 37.5 hours of course credits, including an applied research project and graduate health fitness requirements.

Health, Physical Education, and Recreation

GHPE 503	Graduate Health Fitness*	1
Choice of one of the following:		.5
GHPE 515	Graduate Aerobics (.5)	
GHPE 525	Graduate Walk for Fitness (.5)	
HPE	Activity course (.5)	

HPE Total 1.5

*Students who completed Health Fitness I and II as ORU undergraduates need to substitute an activities course for GHPE 503, which may decrease the degree total by .5 credit hour.

Core Courses	Credit Hours
DMIN 711 Ministerial Identity and Personal Assessment	3
DMIN 712 Biblical Issues and Themes for Ministry	3
DMIN 716 Ministry and Dynamics of the Holy Spirit	3
DMIN 717 Theological Issues and Themes for Ministry	3
DMIN 733 Healing Ministries of the 21st Century	3
DMIN 761 Pastoral Care for Spiritual Formation	3
DMIN 768 Pastoral Counseling in the 21st Century	3
DMIN 785 Foundations of Ministry Research	3
DMIN 790 Research Project	0

Core Courses Total 24

Doctor of Ministry students choose one of the following concentrations.

■ Pastoral Care and Counseling Concentration (PCCC)

DMIN 738	Principles of Supervision in Pastoral Care and Counseling	3
DMIN 752	Advanced Workshop: Marriage and Family Therapy	3
DMIN 753	Advanced Workshop in Addictive Behaviors	3
DMIN 770	Research Methods in Pastoral Care and Counseling	3

Concentration Total 12

■ Church Ministries and Leadership Concentration (CMLC)

DMIN 730	Missional Leadership Strategies for Today's Church	3
DMIN 732	Leading for Ministry Effectiveness	3
DMIN 735	Communicating the Gospel	3
DMIN 786	Methods of Ministry Research	3

Concentration Total 12

Degree Total 37.5

Year One

Students attend a one-week module in the fall and spring, complete a two-week residency in the summer, and complete two courses while they are away from the campus. In total, year one comprises four weeks of on-campus seminars and two weeks of hybrid courses (a combination of directed study and online work). The work for the first year totals 18 hours of credit.

• Fall Seminar I: One-week modular class and one online class

DMIN 711	Ministerial Identity and Personal Assessment	
DMIN 785	Foundations of Ministry Research (hybrid)	

• Spring Seminar II: One-week modular class and one hybrid class

DMIN 716	Ministry and Dynamics of the Holy Spirit	
DMIN 786	Methods of Ministry Research (hybrid)	

• Summer Seminar III: Two-week modular classes

DMIN 768	Pastoral Counseling in the 21st Century	
DMIN 717	Theological Issues and Themes for Ministry	

Year Two

Three workshops, consisting of six intensive courses are required during the second year. Some of these courses are core courses and some are specific to one of the concentrations: Pastoral Care and Counseling (PCCC) and Church Ministries and Leadership (CMLC). The courses are scheduled two per week, thus requiring three weeks on campus during the second year. Each course is three hours of credit.

• Fall Workshop I: One-week modular classes Intensive Courses I:

DMIN 712	Biblical Issues and Themes for Ministry (core)	
DMIN 735	Communicating the Gospel (DCML)	
DMIN 752	Advanced Workshop: Marriage and Family Therapy (DPCC)	

• Spring Workshop II: One-week modular classes Intensive Courses II:

DMIN 730	Missional Leadership Strategies for Today's Church	
DMIN 761	Strategies for Effective Spiritual Formation (core)	
DMIN 753	Advanced Workshop in Addictive Behaviors (DPCC)	

• Summer Workshop III: One-week modular classes Intensive Courses III:

DMIN 732	Leading for Ministry Effectiveness (DCML)	
DMIN 733	Healing Ministries in the 21st Century (core)	
DMIN 738	Principles of Supervision in Pastoral Care and Counseling (DPCC)	

Year Three

During the third year, each student works on an approved topic for the research project. All D.Min. students must work with their supervisors and with the Doctor of Ministry Office to ensure that all steps and requirements are being correctly fulfilled. The applied research project involves implementing the project, writing the paper that presents the research project and results, and defending the project before a committee. The research project may extend beyond year three; however, the entire D.Min. program must be completed within five years.

Students must also take the comprehensive oral exam. Additional information is available in the *Doctor of Ministry Handbook*.

Departmental Courses (Graduate)

Course descriptions for the courses listed below are at the end of this catalog. Course descriptions are alphabetical by the prefix.

Doctor of Ministry

DMIN 711	Ministerial Identity and Personal Assessment
DMIN 712	Biblical Issues and Themes for Ministry
DMIN 716	Ministry and Dynamics of the Holy Spirit
DMIN 717	Theological Issues and Themes for Ministry
DMIN 730	Missional Leadership Strategies for Today's Church
DMIN 732	Leading for Ministry Effectiveness
DMIN 733	Healing Ministries in the 21st Century
DMIN 735	Communicating the Gospel
DMIN 738	Principles of Supervision in Pastoral Care and Counseling
DMIN 740	Clinical Pastoral Education
DMIN 749	Directed Study
DMIN 752	Advanced Workshop for Marital and Family Therapy
DMIN 753	Advanced Workshop for Addictive Behaviors
DMIN 761	Pastoral Care for Spiritual Formation
DMIN 768	Pastoral Counseling in the 21st Century
DMIN 770	Research Methods in Pastoral Care and Counseling
DMIN 785	Foundations of Ministry Research
DMIN 786	Methods of Ministry Research
DMIN 790	Research Project
DMIN 791	Research Project Continuation
DMIN 999	Elective

Field Education

- FED 501 Teaching Methodology
 FED 672 Field Education (Church)
 FED 673 Field Education (Community)
 FED 750 Ministry Practicum
 FED 781 Pastoral Internship
 FED 999 Elective

Biblical Literature—Old Testament

- GBIB 505 Introduction to Old Testament Literature
 GBIB 510 Hebrew Synthesis I
 GBIB 511 Hebrew Synthesis II
 GBIB 551 Old Testament Synthesis
 GBIB 561 Old Testament Hermeneutics and Exegesis (Hebrew)
 GBIB 608 Eighth Century Prophets
 GBIB 609 Exilic Prophets
 GBIB 611 Theology of the Old Testament
 GBIB 632 Isaiah (Hebrew)
 GBIB 633 Pentateuch (Hebrew)
 GBIB 634 Wisdom Literature
 GBIB 635 Theophanies/Hebrew Scripture (Hebrew)
 GBIB 636 Exodus (Hebrew)
 GBIB 637 Deuteronomy (Hebrew)
 GBIB 646 Ancient Near East Civilization
 GBIB 657 Old Testament History
 GBIB 663 Syriac
 GBIB 704 Psalms (Hebrew)
 GBIB 712 Akkadian
 GBIB 714 Ugaritic
 GBIB 715 The Bible and Midrash (Hebrew)
 GBIB 761 Advanced Syriac
 GBIB 764 Biblical Aramaic
 GBIB 766 Introduction to Rabbinic Thought and Literature
 GBIB 767 Seminar in Old Testament
 GBIB 774 Jewish Apocalyptic Literature

Biblical Literature—Old and New Testament

- GBIB 507 Biblical Hermeneutics
 GBIB 516 Biblical Eschatology
 GBIB 552 Historical Geography of Palestine
 GBIB 645 Biblical Archaeology
 GBIB 648 Israel Travel Seminar
 GBIB 744 Septuagint (Greek and Hebrew)
 GBIB 749 Directed Study
 GBIB 754 Coptic Studies
 GBIB 755 Classical Egyptian
 GBIB 756 Thesis Research
 GBIB 757 Thesis Writing

Biblical Literature—New Testament

- GBIB 500 Greek Synthesis I
 GBIB 501 Greek Synthesis II
 GBIB 506 Introduction to New Testament Literature
 GBIB 517 Paul: Mission and Message
 GBIB 556 Jesus in the Synoptic Gospels
 GBIB 571 New Testament Synthesis
 GBIB 573 I Corinthians
 GBIB 581 New Testament Hermeneutics and Exegesis (Greek)
 GBIB 583 The Parables of Jesus in Their Jewish Context
 GBIB 589 History and Culture of New Testament Times
 GBIB 618 Matthew (Greek)
 GBIB 619 Romans (English)
 GBIB 621 Theology of the New Testament
 GBIB 623 Galatians and James: Law and Gospel
 GBIB 624 Luke

- GBIB 625 Gospel and Letters of John
 GBIB 626 The Book of Acts
 GBIB 628 Patterns of Ministry in the New Testament
 GBIB 630 Pastoral Epistles
 GBIB 676 Pauline Theology and Early Jewish Thought
 GBIB 682 Synoptic Gospels (Greek)
 GBIB 683 Mark (Greek)
 GBIB 684 Charismata in Early Christianity
 GBIB 688 The Jewish Background to the Gospels
 GBIB 692 Parables of Jesus
 GBIB 697 Jewish and Christian Prayer in the Time of Jesus
 GBIB 729 Colossians/Ephesians (Greek)
 GBIB 768 Epistle to the Hebrews
 GBIB 769 Seminar in New Testament
 GBIB 777 Exegesis of Romans (Greek)
 GBIB 787 Cross/Resurrection in the New Testament (Greek)
 GBIB 999 Elective

Theological/Historical Studies—Ethics

- GTHE 660 Ethics and Contemporary Issues
 GTHE 661 Introduction to Christian Ethics
 GTHE 768 Ethics in Pastoral Ministry
 GTHE 769 Ethics of Jesus

Theological and Historical Studies—Historical

- GTHE 571 Church History I
 GTHE 581 Church History II
 GTHE 675 The Early Church Fathers
 GTHE 676 The Age of Reformation
 GTHE 744 Seminar in Historical Studies

Theological and Historical Studies—Historical/Theological

- GTHE 517 Seminar in Theological Research
 GTHE 539 Black Church History and Theology
 GTHE 674 Denominational Politics
 GTHE 681 Historical Theology
 GTHE 694 The Pentecostal/Charismatic Movements in Historical Perspective
 GTHE 696 Divine Healing: A Theological and Historical Study
 GTHE 700 Post-Modernism and 21st Century Ministry
 GTHE 749 Directed Study
 GTHE 756 Thesis Research
 GTHE 757 Thesis Writing
 GTHE 999 Elective

Theological and Historical Studies—Theological

- GTHE 507 Holy Spirit in the Now
 GTHE 508 Signs and Wonders and the Healing Ministry
 GTHE 518 Introduction to Theology
 GTHE 551 Systematic Theology I
 GTHE 561 Systematic Theology II
 GTHE 622 The Doctrine of God
 GTHE 624 Christian Apologetics
 GTHE 631 Theological German
 GTHE 632 Theological French
 GTHE 638 Contemporary Religious Cults
 GTHE 644 The Doctrine of Christian Unity
 GTHE 647 The Doctrine of Redemption
 GTHE 657 Theology of Martin Luther
 GTHE 658 Biblical Authority
 GTHE 659 Ecclesiology: Church in the 21st Century
 GTHE 663 Charismatic Theology
 GTHE 670 Contemporary Theology
 GTHE 678 The Theology of Revival and Renewal

- GTHE 684 Reformed Theology
 GTHE 686 Theology of John Wesley
 GTHE 692 Pneumatology
 GTHE 745 Seminar in Theological Studies
 GTHE 760 Christology
 GTHE 763 The Biblical Doctrine of Grace
 GTHE 785 Church and Sacraments

Practices of Ministry—Christian Education

- PRM 506 Leadership Training
 PRM 549 Foundations of Christian Education
 PRM 551 Christian Education
 PRM 554 Bible Institute/Christian School Education
 PRM 558 Spiritual Formation and Discipleship
 PRM 560 Teaching the Word
 PRM 635 Human Growth and Development
 PRM 650 Multimedia and Computers in Ministry
 PRM 653 Discipling Youth
 PRM 656 The Adult Learner
 PRM 658 Curriculum of Christian Education
 PRM 659 Leadership and Administration in the Church
 PRM 734 Leadership for Team Ministries
 PRM 746 Contemporary Issues in Christian Education
 PRM 750 Christian Education Practicum
 PRM 757 Ministries with Families
 PRM 788 Leadership in Ministry
 PRM 793 Church Administration

Practices of Ministry—Church and Society

- PRM 553 Ministry in the Urban Setting
 PRM 651 Church in the Contemporary World
 PRM 657 Special Projects in Church and Community
 PRM 660 Practical Theology for Charismatic Ministry
 PRM 661 Preaching and the Healing Ministry

Practices of Ministry—Homiletics and the Minister

- PRM 661 Preaching and the Healing Ministry
 PRM 663 Text to Sermon
 PRM 664 Black Preaching in the African-American Tradition
 PRM 669 Practice Preaching
 PRM 697 Prayer: The Personal Discipline of the Minister
 PRM 721 The Minister as Equipper
 PRM 766 Preaching on Controversial Issues
 PRM 767 The Preacher as Evangelist
 PRM 769 Practice Preaching (Persuasive)

Practices of Ministry—Missions, Church Growth, and Evangelism

- PRM 506 Leadership Training
 PRM 511 Introduction to Christian Missions
 PRM 516 Theology and History of Missions
 PRM 519 Missionary Basics
 PRM 544 Principles of Church Growth
 PRM 553 Ministry in the Urban Setting
 PRM 573 Major Religions of the World
 PRM 575 Missionary Anthropology
 PRM 578 Contextualized Theology
 PRM 582 Introduction to Evangelism
 PRM 583 Evangelism in Context
 PRM 650 Multimedia and Computers in Ministry
 PRM 685 Power Encounter
 PRM 744 Planting New Churches
 PRM 773 Language Acquisition
 PRM 775 Missionary Internship
 PRM 777 Missiological Research Project

Practices of Ministry—Pastoral Care and Counseling

- PRM 528 Christian Approaches to Counseling
- PRM 539 The Contemporary Family
- PRM 571 Theology of Counseling
- PRM 623 Ethics and Professional Issues in Counseling
- PRM 624 Counseling Diverse Populations
- PRM 625 Counseling Theories
- PRM 626 Principles of Biblical Counseling
- PRM 627 Crisis Counseling
- PRM 630 Counseling Methods
- PRM 635 Human Growth and Development
- PRM 639 Family Development
- PRM 640 Human Sexuality
- PRM 641 Assessment in Marital and Family Therapy
- PRM 642 Family Therapy
- PRM 643 Marital and Family Systems Theory
- PRM 645 Counseling the Elderly
- PRM 670 Introduction to Psychopathology
- PRM 671 Religion and Personality
- PRM 673 Introduction to Pastoral Care
- PRM 676 Marriage Counseling
- PRM 678 Advanced Pastoral Care
- PRM 679 Vocational and Occupational Guidance
- PRM 680 Pastoral Ministry Yesterday, Today, and Tomorrow
- PRM 681 Group Dynamics
- PRM 691 Women in Ministry
- PRM 723 Counseling Children and Adolescents
- PRM 724 Testing and Assessment I
- PRM 732 Testing and Assessment II
- PRM 749 Directed Study
- PRM 760 Cognitive Therapy
- PRM 762 Narrative Therapy
- PRM 763 Counseling Practicum
- PRM 764 Marriage and Family Therapy Practicum
- PRM 770 Diagnosis and Treatment of Psychopathology
- PRM 780 Clinical Pastoral Education
- PRM 781 Counseling Internship
- PRM 782 Marriage and Family Therapy Internship
- PRM 784 Counseling Research
- PRM 999 Elective

Proficiencies

- PRF 049 Theological Research Proficiency
- PRF 050 French Proficiency
- PRF 052 Hebrew Proficiency
- PRF 053 Greek Proficiency
- PRF 054 German Proficiency
- PRF 055 Koinonia
- PRF 056 Entry-Level Assessment
- PRF 057 Mid-Program Assessment Audit
- PRF 058 Candidacy-Level Assessment
- PRF 061 Counseling Comprehensive
- PRF 062 Assessment III Professional Presentation

DISTANCE LEARNING

Steven Greene, D.B.A., Dean

MISSION STATEMENT: Making an ORU education available in every person's world.

VISION STATEMENT: Recognizing that learning is an ongoing, lifelong process, distance learning enables adults to obtain a bachelor of science degree through an accredited, non-residential program. The purpose of the program is to train adult learners who seek the realization of truth and achievement of their potential life capacity and who desire to become integrated persons—spiritually alive, intellectually alert, physically disciplined, socially adept, and professionally competent.

FACULTY

Faculty for distance learning at ORU are full-time faculty members in other academic schools at Oral Roberts University or highly qualified adjunct professors chosen for their knowledge, expertise, and commitment to the ethos and goals of Oral Roberts University.

Gwetheldene Holzmam.....Associate Professor
B.A., Malone College, 1976; M.A., Regent University, 1983;
Ed.D., College of William and Mary, 1994.

OVERVIEW

Distance learning is designed to provide flexible quality educational programs that accommodate adult learners who seek to better equip themselves educationally but find it impossible to leave their homes, jobs, and ministries to relocate.

ONLINE ACADEMIC DEGREE PROGRAMS

In conjunction with the on-campus faculty and Schools, students can earn a bachelor's degree through distance education by choosing to follow one of four undergraduate majors that can be completed entirely through distance courses: business administration, Christian caregiving, church ministries, and leadership studies.

Eight minors are available through distance learning: Bible, Christian caregiving, church ministries, general business, theological studies, evangelism and missions, church history, and liberal studies.

Business Administration (B.S.)

In conjunction with the ORU School of Business, a business administration major has been designed to provide background for executives in business enterprises and industrial society. The broad background in the liberal arts provides a basis for social understanding and appreciation of society as it relates to the business environment. This major is an excellent preparatory program for students desiring to pursue the Master of Business Administration degree or the Master of Not-for-Profit Management degree, which are both offered through the ORU School of Business.

Christian Caregiving (B.S.)

The ORU School of Theology and Missions offers a major in Christian Caregiving, which can be earned through distance learning. This major is designed to prepare students for lay ministries of counseling within

the context of local church or church-related agencies. This program equips students to help people realize wholeness in every area of their lives—spirit, mind, and body. The Christian caregiving major is an excellent preparatory program for the Master of Arts in Christian Counseling offered through the ORU School of Theology and Missions.

Church Ministries (B.S.)

According to Ephesians 4:11, evangelists, pastors, and teachers are appointed to prepare God's people for service so that the Body of Christ may be built up. Through the ORU School of Theology and Missions, a bachelor of science degree in church ministries is offered, and this major includes components of theology and practical ministry.

Leadership Studies (B.A.)

The Leadership Studies program is offered through the School of Arts and Cultural Studies. The curriculum for leadership studies is designed to emphasize inquiry, understanding, skill development, practice, and reflection. In-class study, class exercises, service projects, leadership workshops, and leadership development programs provide an environment where students can study and develop an understanding of leadership. Leadership studies students pursue a rigorous program of study in leadership theory, organizational communication, public and private sector leadership, church leadership, conflict resolution, ethics, and administrative theory.

ENROLLMENT

Admission Requirements

Each applicant should complete an application form and submit all post-secondary transcripts as well as an official high school transcript. Each applicant also needs to submit a signed Honor Code Pledge. Official transcripts from institutions attended outside of Oral Roberts University must be forwarded to the ORU distance learning representative. More information is available at www.oruonline.com.

Students in the ORU distance learning program who have not enrolled within a period of one calendar year are required to submit an Application for Readmission. Applicants for readmission must be approved by the Registrar's Office, Student Development Office, and Student Accounts. Students are readmitted under current degree plans and policies, which could alter the students' previously approved degree plans.

CURRICULUM AND COURSE CREDIT

Course Load and Format

The normal course load for a full-time distance student is six credit hours in each 8-week term. No student may take more than seven hours in an 8-week term without the approval of the school dean.

Courses are delivered in a variety of distance formats that promote the students' development and higher-level learning using analysis, synthesis, and evaluation skills. Students demonstrate comprehension of

course material through responses to objective questions (e.g., matching, short answer, and multiple choice), written work (e.g., answering essay questions, preparing written papers, and doing book critiques), and interacting with classmates in discussions and group projects (in online courses). Careful attention has been given to ensure that the spirit and ethos of Oral Roberts University are maintained in all ORU online courses.

Some courses may require proctored exams. Test proctors must be appropriately credentialed education professionals (e.g., principals, school teachers, school counselors, college/university professors), and must be approved in advance by ORU. It is the student's responsibility to complete a Proctor Selection Form, identify an appropriate proctor, and make arrangements with a proctor.

Students must do their own academic work. Coursework done in collaboration with anyone else must be disclosed to and approved by the instructor. Any and all materials obtained from any source (e.g., written, online, verbal) that a student uses in the preparation for any assignment or any other work for submission must be accurately credited and/or cited within the submitted work. A student violating any aspect of academic integrity may receive an "F" in the course involved and may be subject to additional disciplinary action, including possible suspension from ORU.

Course Materials

Materials such as textbooks, workbooks, recordings, and other required items may be ordered from the University Bookstore.

Proficiency Examinations

Students may be required to take math and/or English proficiency examinations to determine the appropriate courses in which they need to enroll. These exams are designed to facilitate student success in their academic programs.

Prior Learning Assessment

This process recognizes the knowledge that adult learners have gained through non-college courses, on-the-job training, or personal study. Credit may be granted for knowledge acquired that is equivalent to content taught in a specific course. The knowledge must apply to a course(s) in the Oral Roberts University curriculum.

Students should contact their academic advisors for more information on the policies and procedures for a Prior Learning Assessment.

Test-Out Exams for Course Credit

To receive credit for courses, students can take test-out exams, which enable them to prove proficiency in a subject and thus eliminate the need to take the course. Students who earn a grade of "C" (70%) or better are given credit for the course. Students who matriculate to ORU may earn up to 30 hours of ORU credit through the test-out process.

HPE Requirements

All degree-seeking students are required to enroll in and pass the Health Fitness and Fitness for Life courses. Every student is required to make satisfactory progress in physical fitness, as demonstrated in each HPE course's assignments.

Grading System

Grades are recorded as "A," "B," "C," "D," and "F." Grade points are assigned to each grade: four grade points are awarded for each semester hour of "A," three

for "B," two for "C," one for "D," and zero for "F." No credit is given for failing grades ("F"), incompletes ("I"), extensions ("E"), or withdrawals ("W"). A minimum GPA of 2.0 must be earned to qualify for graduation.

Repeating a Course

A course that is repeated at ORU to replace the original grade is noted on the student's transcript. The first course taken remains on the transcript with an indication it has been repeated, and the grade received from the course is excluded from the semester and cumulative grade point average. Courses may be repeated outside ORU with approval from ORU; however, grade point averages earned at Oral Roberts University remain on the transcript and are not affected by grades earned elsewhere. Double credit is not awarded for repeated classes.

BUSINESS ADMINISTRATION MAJOR (BUA)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Laboratory Science (Choice of two of the following: BIO 101, EVR 350, PSC 101, or CHE 101)	8
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 101, SOC 201)	3
Health, Physical Education, and Recreation (HPE 001, 002, 101, 102)	4
General Education Total	54

Major

BUS 099	Business Seminar	0
ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of Financial and Managerial Accounting II	3
ACT 320	Quantitative Analysis	3
BUS 325	Business Law I	3
BUS 326	Business Law II	3
MKT 130	Principles of Marketing	3
MGT 130	Principles of Management	3
MGT 431	Strategic Management	3
FIN 338	Financial Management	3
BUS 499	Seminar and Senior Paper	3

Major Total 30

Cognate

BUS 201	Principles of Economics I	3
BUS 202	Principles of Economics II	3
CSC 112	Microcomputer Applications in Business	3
FIN 244	Personal Financial Planning	3

Cognate Total 12

Minor* 18

Electives 14

Degree Total 128

*Minor must be outside the School of Business. A minor in Bible, Christian caregiving, church ministries, liberal

studies, or theological studies can be completed through ORU distance learning.

CHRISTIAN CAREGIVING MAJOR (CCG)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Laboratory Science (Choice of two of the following: BIO 101, EVR 350, PSC 101, or CHE 101)	8
Social Sciences Elective (Choice of one of the following: BUS 201, SOC 101, FIN 244)	3
Health, Physical Education, and Recreation (HPE 001, 002, 101, 102)	4
General Education Total	54

Major

CCC 301	Introduction to Christian Caregiving	3
CCC 324	Foundations of Personality Development	3
CCC 332	Lifespan Development	3
CCC 339	Developing Helping Skills	3
CCC 411	Practical Applications of Helping Skills	3
CCC 413	Senior Practicum	3
THE 217	Seminar in Theological Research	3
PSY 201	Principles of Psychology	3
SOC 201	Marriage and the Family	3
<i>Choice of six courses from the following list:</i>		18
CCC 303	Issues and Identity of the Caregiver	
CCC 321	Christian Approaches to Counseling	
CCC 405	Crisis Intervention	
CCC 426	Assessment and Evaluation	
CCC 429	Substance Abuse	
CCC 430	Special Issues in Counseling	
PSY 338	Psychology of Abnormal Behavior	
CHRM 306	Pastoral Ministry Skills	

Major Total 45

Minor* 18

Electives 11

Degree Total 128

*A minor in Bible, general business, church ministries, liberal studies, or theological studies can be completed through the ORU distance learning.

CHURCH MINISTRIES MAJOR (CHMN)

Bachelor of Science

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12

Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Laboratory Science (Choice of two of the following: BIO 101, EVR 350, PSC 101, or CHE 101)	8
Social Sciences Elective (Choice of one of the following: PSY 201, BUS 201, SOC 101, SOC 201, FIN 244)	3
Health, Physical Education, and Recreation (HPE 001, 002, 101, 102)	4
General Education Total	54

Major		Credit Hours
BIB 306	Hermeneutics: Principles of Biblical Interpretation	3
BIB 362	Jesus and the Gospels	3
THE 217	Seminar in Theological Research	3
THE 313	Systematic Theology I	3
THE 314	Systematic Theology II	3
CHRM 304	Introduction to Christian Education	3
CHRM 305	Teaching the Bible	3
CHRM 306	Pastoral Ministry Skills	3
CHRM 335	Introduction to Evangelism	3
CHRM 340	Sermon Preparation and Preaching	3
CHRM 460	Church Administration	3
CHRM 499	Senior Paper/Project	3
MISS 404	Church Growth and Planting	3
Choice of two of the following courses:		6
THE 461	History of Christianity I: Early Church	
THE 462	History of Christianity II: Medieval Church	
THE 463	History of Christianity III: Reformation to Present	
Choice of four of the following courses:		12
BIB 346	Luke-Acts	
BIB 363	Eschatology and the Book of Revelation	
BIB 364	The Pauline Epistles	
BIB 376	Hebrews and General Epistles	
BIB 421	Pentateuch	
BIB 424	Hebrew Prophets	
BIB 437	Psalms and Wisdom Literature	
Choice of three of the following courses:		9
THE 304	Contemporary Religions of America	
THE 353	History of Christianity in America	
THE 402	Divine Healing	
THE 444	Contemporary Theology	
THE 445	Charismatic Theology	
THE 464	Prayer	
Major Total		66
Electives		8
Degree Total		128

LEADERSHIP STUDIES MAJOR (LDRS)

Bachelor of Arts

General Education	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, 303)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 151 or 232)	3
American History (HIS 101)	3

American Government (GOV 101)	3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270)	12
Behavioral Science (BUS 201)	3
Health, Physical Education, and Recreation (HPE 001, 002, 101, and 102)	4

General Education Total 60

*At least one course must be chosen from list courses with asterisks.

Major

Area #1 Leadership Studies

IS 301	Christian Worldview	3
IS 462	Needs Assessment and Program Evaluation	3
GOV 341	Public Administration	3
GOV 461	Public Policy Analysis	3
COM 300	Organizational Communication	3
COM 412	Training and Development	3
BUS 372	Business Ethics	3
MKT 130	Principles of Marketing	3
MGT 130	Principles of Management	3
WRT 430	Grant Writing	3
CHRM 302	Christian Leadership	3
LEAD 399	Leadership Studies Practicum	3
LEAD 499	Senior Paper in Leadership Studies	3

Area #1 Total 39

Area #2 Leadership Studies

COM 410	Discussion and Conference Leadership	3
COM 446	Business/Professional Speech	3
HUM 350	Protocol and Etiquette	3
MGMT 461	Conflict Resolution	3
BIO 456	Bioethics	2
Choice of ten hours from the following courses:		10
LEAD 399	Leadership Practicum (3-6 hrs.)	
—	Electives	

Area #2 Total 24

Major Total 63
Electives 5

Degree Total 128

BIBLE MINOR (BIBM)

This minor is for students majoring in business administration or Christian caregiving.

BIB 306	Hermeneutics: Principles of Biblical Interpretation	3
Choice of two or three* New Testament courses:		6-9
BIB 362	Jesus and the Gospels	
BIB 364	The Pauline Epistles	
BIB 376	Hebrews and the General Epistles	
BIB	Elective**	
Choice of two or three* Old Testament courses:		6-9
BIB 421	Pentateuch	
BIB 437	Psalms and Wisdom Literature	
BIB	Elective**	
Minor Total		18

*Old and New Testament courses combined should equal 15 hours. Thus, if a student takes two New Testament courses, then he or she needs to take three Old Testament courses or vice versa.

**Approved elective. Business majors choosing the Bible minor must take THE 217 as one of their electives.

CHRISTIAN CAREGIVING MINOR (CCGM)

This minor is for students majoring in business administration.

PSY 201	Principles of Psychology	3
CCC 301	Introduction to Christian Caregiving	3
CCC 324	Foundations of Personality Development	3
CCC 332	Lifespan Development	3
CCC 339	Developing Helping Skills	3
Choice of one of the following:		3
CCC 303	Issues and Identity of the Caregiver	
CCC 321	Christian Approaches to Counseling	
CCC 405	Crisis Intervention	
CCC 426	Assessment and Evaluation	
CCC 429	Substance Abuse	
PSY 338	Psychology of Abnormal Behavior	
CHRM 306	Pastoral Ministry Skills	

Minor Total 18

CHURCH MINISTRIES MINOR (CMM)

This minor is for students majoring in business administration or Christian caregiving.

CHRM 304	Introduction to Christian Education	3
CHRM 306	Pastoral Ministry Skills	3
CHRM 460	Church Administration	3
MISS 404	Church Growth and Planting	3
Choice of one of the following:		3
CHRM 305	Teaching the Bible	
CHRM 340	Sermon Preparation and Preaching	
Choice of one of the following:		3
CHRM 335	Introduction to Evangelism	
MISS 325	Introduction to Christian Missions	

Minor Total 18

GENERAL BUSINESS MINOR (BUAM)

This minor provides a foundational base of business knowledge for the student who is majoring in a discipline other than business administration.

ACT 215	Principles of Financial Accounting I	3
BUS 201	Principles of Economics I	3
MKT 130	Principles of Marketing	3
MGT 130	Principles of Management	3
Choice of two of the following courses:		6
BUS 202	Principles of Economics II	
BUS 325	Business Law I	
BUS 326	Business Law II	
ACT 216	Principles of Financial and Managerial Accounting II	
ACT 320	Quantitative Analysis	
FIN 338	Financial Management	

Minor Total 18

LIBERAL STUDIES MINOR (LIBM)

This minor is for students majoring in business administration or Christian caregiving.

The liberal studies minor requires a total of 18 hours of coursework and must meet the following stipulations: (1) the minor must include at least 6 hours of upper division courses (courses numbered 300 or higher), (2) the 18 hours must be related coursework (i.e., in the same subject area), and (3) the minor must be approved by the dean of distance learning.

THEOLOGICAL STUDIES MINOR (TSTM)

This minor is for students majoring in business administration or Christian caregiving.

THE 313	Systematic Theology I	3
THE 314	Systematic Theology II	3
THE 402	Divine Healing	3
THE 444	Contemporary Theology	3
THE 445	Charismatic Theology	3
THE 464	Prayer	3

Minor Total 18

EVANGELISM AND MISSIONS MINOR (EVMM)

This minor is for students majoring in business administration or Christian caregiving.

BIB 306	Hermeneutics: Principles of Biblical Interpretation	3
CHRM 335	Introduction to Evangelism	3
CHRM 340	Sermon Preparation and Preaching	3
CHRM 430	Evangelism and the Local Church	3
Choice of two of the following courses:		6
MISS 397	Missions Internship	
MISS 404	Church Growth and Planting	
THE 304	Contemporary Religions in America	

Minor Total 18

CHURCH HISTORY MINOR (CHM)

This minor is for students majoring in business administration or Christian caregiving.

THE 302	Introduction to Philosophy	3
THE 304	Contemporary Religions in America	3
THE 353	History of Christianity in America	3
THE 461	History of Christianity I: Early Church	3
THE 462	History of Christianity II: Medieval Church	3
THE 463	History of Christianity III: Reformation to Present	3

Minor Total 18

Online Academic Courses

Course descriptions for the courses listed below are at the end of this catalog. Course descriptions are alphabetical by the prefix.

Accounting

- ACT 215 Principles of Financial Accounting I
 ACT 216 Principles of Financial and Managerial Accounting II
 ACT 320 Quantitative Analysis

Biblical Literature

- BLIT 110 Survey of Old Testament Literature
 BLIT 120 Survey of New Testament Literature

Biblical Studies

- BIB 222 Old Testament Introduction
 BIB 261 New Testament Introduction
 BIB 302 Historical Geography of the Holy Land
 BIB 306 Hermeneutics: Principles of Biblical Interpretation
 BIB 346 Luke-Acts
 BIB 362 Jesus and the Gospels
 BIB 363 Eschatology and the Book of Revelation
 BIB 364 The Pauline Epistles
 BIB 376 Hebrews and General Epistles
 BIB 421 Pentateuch
 BIB 424 Hebrew Prophets
 BIB 437 Psalms and Wisdom Literature
 BIB 455 Intensive Studies (Jewish topics)

Biology

- BIO 101 Principles of Biology Lecture
 BIO 101 Principles of Biology Laboratory

Business

- BUS 099 Business Seminar
 BUS 201 Principles of Economics I
 BUS 202 Principles of Economics II
 BUS 325 Business Law I
 BUS 326 Business Law II
 BUS 499 Seminar and Senior Paper

Chemistry

- CHE 101 Principles of Chemistry Lecture
 CHE 101 Principles of Chemistry Laboratory

Christian Caregiving

- CCC 301 Introduction to Christian Caregiving
 CCC 303 Issues and Identity of the Caregiver
 CCC 321 Christian Approaches to Counseling
 CCC 324 Foundations of Personality Development
 CCC 332 Lifespan Development
 CCC 339 Developing Helping Skills
 CCC 405 Crisis Intervention
 CCC 411 Practical Applications of Helping Skills
 CCC 413 Senior Practicum
 CCC 426 Assessment and Evaluation
 CCC 429 Substance Abuse
 CCC 430 Special Issues in Counseling

Church Ministries

- CHRM 304 Introduction to Christian Education
 CHRM 305 Teaching the Bible
 CHRM 306 Pastoral Ministry Skills
 CHRM 335 Introduction to Evangelism
 CHRM 340 Sermon Preparation and Preaching
 CHRM 399 Signs and Wonders
 CHRM 430 Evangelism and the Local Church

- CHRM 460 Church Administration
 CHRM 499 Senior Paper/Project

Communication Arts

- COM 101 Oral Communication

Computer Science

- CSC 112 Microcomputer Applications in Business

English

- COMP 101 College Reading and Writing
 COMP 102 Reading and Writing in the Liberal Arts
 COMP 303 Critical Reading and Writing

Environmental Science

- EVR 350 Environmental Science Lecture
 EVR 350 Environmental Science Laboratory

Finance

- FIN 244 Personal Financial Planning
 FIN 338 Financial Management

General Studies

- GEN 099 Whole Person Assessment
 GEN 499 Senior Paper/Project

Government

- GOV 101 American Government and Politics

Health, Physical Education, and Recreation

- HPE 001 Health Fitness I
 HPE 002 Health Fitness II
 HPE 101 Fitness for Life I
 HPE 102 Fitness for Life II

Hebrew

- HEB 305 Hebrew Culture and Civilization
 HEB 306 Business Hebrew

History

- HIS 101 American History Survey: 1760 to Present
 HIS 371 Islamic Middle East
 HIS 372 Ancient Near East
 HIS 452 Department Seminar: Europe
 HIS 453 Department Seminar: Middle East
 HIS 472 Twentieth Century Middle East
 HIS 473 The Rise of Modern Israel
 HIS 479 Readings in History (Middle East Topics)

Humanities

- HUM 101 Humanitas: Introduction to Humanities
 HUM 111 Introduction to Humanities I
 HUM 112 Introduction to Humanities II
 HUM 213 Modern Humanities I
 HUM 214 Modern Humanities II
 HUM 301 Christian Worldview and Culture

Management

- MGT 130 Principles of Management
 MGT 431 Strategic Management

Marketing

- MKT 130 Principles of Marketing

Mathematics

- MAT 099 Introduction to College Mathematics
 MAT 151 Mathematics and Society
 MAT 232 Elementary Statistics

Missions

- MISS 325 Introduction to Christian Missions
 MISS 404 Church Growth and Planting

Physical Science

- PSC 101 Principles of Physical Science Lecture
 PSC 101 Principles of Physical Science Laboratory

Psychology

- PSY 201 Principles of Psychology
 PSY 338 Psychology of Abnormal Behavior

Sociology

- SOC 101 Introduction to Sociology
 SOC 201 Marriage and the Family

Theology

- THE 103 Charismatic Life and the Healing Ministry
 THE 217 Seminar in Theological Research
 THE 302 Introduction to Philosophy
 THE 304 Contemporary Religions in America
 THE 313 Systematic Theology I
 THE 314 Systematic Theology II
 THE 353 History of Christianity of America
 THE 402 Divine Healing
 THE 444 Contemporary Theology
 THE 445 Charismatic Theology
 THE 461 History of Christianity I: Early Church
 THE 462 History of Christianity II: Medieval Church
 THE 463 History of Christianity III: Reformation to Present
 THE 464 Prayer

Proficiencies

- PRF 100A English Proficiency
 PRF 100C Math Proficiency

COURSE DESCRIPTIONS

Note: Graduate courses crosslisted with undergraduate courses require additional work for graduate credit.

ACCOUNTING (ACT)

ACT 215

Principles of Financial Accounting I 3 credit hours

A conceptual study of the principles of financial accounting that emphasizes the balance sheet, income statement, and the basic bookkeeping system. Specifically includes deferrals and accruals, adjusting and closing entries, special journals, the voucher system, and payroll accounting.

ACT 216

Principles of Managerial Accounting II 3 credit hours

A continuation of financial accounting as it relates to partnerships and corporations, with some coverage of topics in the managerial accounting area, including manufacturing accounting, control accounting, CVP relationships, financial statement analysis, cash flow statements, and special management reports. Prerequisite: ACT 215.

ACT 320

Quantitative Analysis 3 credit hours

A study of the quantitative analysis interpretations of data for business decision-making; probability theory, linear programming, special purpose algorithms, inventory models, PERT/CPM, forecasting, and other quantitative methods.

Prerequisites: MAT 232, ACT 215, and 216.

ACT 327

Intermediate Accounting I 3 credit hours

A comprehensive study of intermediate accounting theory and technique. Emphasizes financial statement relationships with a balance sheet approach to the study. The course moves from the most current and liquid categories to the least current along balance-sheet lines covering all of the major balance sheet classifications and account groupings individually and in depth. The first in a two-course sequence, it covers roughly one-half of the comprehensive intermediate accounting volumes. (Crosslisted with GACT 527.)

Prerequisite: ACT 216.

ACT 328

Intermediate Accounting II 3 credit hours

A continuation of the study of intermediate theory, which includes proper coverage of any official pronouncements of the FASB or other official bodies of the AICPA. Includes the balance sheet approach to the systematic study of the theory as well as the analysis of financial statements. (Crosslisted with GACT 528.)

Prerequisite: ACT 327.

ACT 432

Managerial Cost Accounting 3 credit hours

A study of basic cost relationships, cost systems design, variance analysis, CVP analysis, and standard costing techniques. Considers the relative income

effects of alternative product-costing methods together with relevant cost evaluations and inventory planning and control techniques. (Crosslisted with GACT 533.) Prerequisite: ACT 216.

ACT 435

Accounting Information Systems 3 credit hours

Examines accounting information systems as an integrated framework within a business entity. Highlighted topics include data retrieval for report preparation, evaluation of accounting information systems, and the design of charts of accounts. Discusses the role of accounting systems, controls, and auditing. (Crosslisted with GACT 570.)

Prerequisite: ACT 216.

ACT 439

Auditing 3 credit hours

A course designed to acquaint the student with the theoretical knowledge to successfully perform the attest function. Although practical knowledge is best acquired while working with actual records, problems and case studies are used extensively to give practical exposure to the student. (Crosslisted with GACT 539.)

Prerequisite: ACT 328.

ACT 442

Federal Income Tax Accounting 3 credit hours

A study of personal federal income tax accounting designed primarily to acquaint the student with both an exhaustive study of personal income tax and a brief explanation of the basic differences between the personal income tax regulations and the corporate income tax regulations. (Crosslisted with GACT 542.)

Prerequisite: ACT 216.

ACT 443

Advanced Tax Accounting 3 credit hours

Continued study of the Internal Revenue Code and regulations considering advanced aspects of income, deductions, exclusions, and credits, especially as they relate to partnerships, corporations, LLCs, and LLPs. Includes problems that require research utilizing return preparation software and various tax reference services. (Crosslisted with GACT 543.)

Prerequisite: ACT 442.

ACT 451

Accounting Internship 1-3 credit hours

A special problem in accounting for the student of special ability in lieu of a regular course. It is also possible, upon receiving written approval from the instructor, to obtain an on-the-job apprenticeship for one semester to provide data for writing a formal paper. (Credit is determined by the nature and scope of the project.)

Prerequisite: Accounting major.

ACT 462

Advanced Accounting I 3 credit hours

An in-depth study of business combinations, consolidated financial statements, and accounting for partnership creation, operation, dissolution, and liquidation. Emphasizes worksheet techniques for the preparation of

consolidated statements. (Crosslisted with GACT 532.) Prerequisite: ACT 328.

ACT 463

Advanced Accounting II 3 credit hours

Completes the study of financial accounting theory begun in ACT 327. Covers various topics, with primary emphasis on not-for-profit accounting (for government, universities, hospitals, and voluntary organizations), fiduciary accounting (for estates, trusts, and insolvent companies), and advanced financial statement presentations (interim reporting, foreign currency transactions, financial statements, segment reporting, and accounting for derivatives). (Crosslisted with GACT 563.)

Prerequisite or corequisite: ACT 327.

ACT 464

Becker CPA--Regulation 1 credit hour

A review of business law topics most pertinent to professional accountants (e.g. contracts, sales transactions, commercial paper, agencies, bankruptcy, and legal liability) and a review of tax issues, including those related to individuals, partnerships, corporations, and estates. (Crosslisted with GACT 564.)

Prerequisites: BUS 326 and ACT 442 or GACT 542.

ACT 465

Becker CPA--Business 1 credit hour

A review of business organizations, business cycles, economics, financial analysis, information systems, and managerial accounting issues that are most pertinent to professional accountants. (Crosslisted with GACT 565.)

Prerequisites: BUS 202, FIN 338, and ACT 432 or GACT 533.

ACT 466

Becker CPA--Financial 1 credit hour

A review of financial statements and all transactions related to their preparation. Topics include accounting for corporations, state and local governments, and other not-for-profit organizations. (Crosslisted with GACT 566.)

Prerequisites: ACT 328 or GACT 528.

ACT 467

Becker CPA--Auditing 1 credit hour

A review of the attestation procedures and all reports prepared by professional accountants related to the attestation function. Topics include all reporting requirements, professional standards, internal control, transaction cycles, and evidential matter. (Crosslisted with GACT 567.)

Prerequisites: ACT 439 or GACT 539.

ACT 471

Estate and Gift Taxation 3 credit hours

A broad overview of the federal transfer tax system including federal gift taxation, federal and state estate taxation, and federal generation-skipping transfer taxation. The course examines various forms of property ownership, transfers of those various ownerships, and related tax implications. (Crosslisted with GACT 571.)

Prerequisites: ACT 215, 216, and 327.

ACT 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

ADVERTISING (ADV)

ADV 211

Workshop: Advertising 3 credit hours

Teaches students to work as part of a sales team with defined sales objectives in an active media sales office through ORU's Student Media Publications. Provides experience in prospecting, cold calling, personal selling, contracting, customer service, and relationship-building activities to service both in-house and newly acquired accounts. Also includes creative services account support and collections of outstanding payments. Students use Adobe Creative Suite® and Microsoft Office® software.

ADV 221

Branding and Promotions 3 credit hours

A study of the problems of product promotion, program distribution, and sale of air time in radio and television.

ADV 320

Communication Research 3 credit hours

Students are introduced to commonly used marketing, advertising, and public relations research methods including survey research, focus groups, experiments, and content analysis. Research requires hands-on learning. Students complete multiple research projects that reflect industry research experiences.

Prerequisite: ADV 221.

ADV 421

Media Buying and Selling 3 credit hours

Provides students with a framework for understanding the role of strategic media planning and buying in the overall context of marketing and advertising decisions. Covers audience research as well as selection, evaluation and planning of all major advertising. Focuses on the media sales industry and ethical business selling and negotiation approaches.

Prerequisite: ADV 221.

ADV 499

Senior Research Project 3 credit hours

Specialized research culminating in a senior paper and/or other approved project.

Prerequisite: Permission of instructor.

Course fee: \$40.

ADV 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

ART (ART)

ART 101

Fundamentals of Art I 3 credit hours

The study and application of the visual elements and principles of visual organization in the second dimension. Includes an introduction to lateral thinking as it applies to the generation of ideas. Includes devotions to help validate the student's call as a Christian artist. (Class contact for lecture and studio—6 hours per week.)

Course fee: \$40.

ART 102

Fundamentals of Art II 3 credit hours

A continuation of Art 101 with an emphasis on the application of the principles of design to the third dimension. (Class contact for lecture and studio—6 hours per week.)

Prerequisite: ART 101 or permission of the instructor.

Course fee: \$40.

ART 103

Art History Survey I 3 credit hours

A study of the world arts, artists, and their cultures from prehistoric times through the Gothic Period. (Crosslisted with HUM 250.)

Course fee: \$15.

ART 104

Art History Survey II 3 credit hours

A study of world painting, sculpture, and architecture from the birth of the Italian Renaissance through the eighteenth century. (Crosslisted with HUM 255.)

Course fee: \$15.

ART 105

Color 3 credit hours

Investigation into the objective and subjective nature of color and its application in fine art, graphic design, advertising, and computer graphics. Students develop an eye for color by examining fundamental properties of color, optical effects, color illusions, psychology, and symbolism. Uses a combination of guided personal discovery through color studies and traditional lecture/demonstrations to provide a multifaceted understanding of subtractive and additive color in a variety of design driven applications. (Class contact for lecture and studio—6 hours per week.)

Course fee: \$40.

ART 118

Design Technology 0.5 credit hour

An introduction to contemporary software titles relating to the production of design artifacts across a diverse range of media. Tutorials are self-managed and paced, with placement-based preliminary examination. Weekly recitation hour used for questions, demonstrations, and for individual assistance. (Class contact for lecture—1 hour per week per week.)

Course fee: \$40.

ART 201

Ceramics I 3 credit hours

The study of a variety of hand-building techniques. It includes a study of form and generation of ideas in clay with an introduction to the application of glaze and loading and firing a kiln. (Class contact for lecture and studio—6 hours per week.)

Course fee: \$40.

ART 202

Sculpture I 3 credit hours

Develops student skills in the methods and study of the sculptural form. Emphasizes methods, materials, concepts, and artistic style. (Class contact for lecture and studio—6 hours per week.)

Prerequisite: ART 102.

Course fee: \$40.

ART 203

Painting I 3 credit hours

An introduction to the materials and techniques of oil painting. Emphasizes color, surface, and composition. Traditional to contemporary styles are explored. (Class contact for lecture and studio—6 hours per week.)

Prerequisites: ART 101, 213, and 214.

Course fee: \$40.

ART 204

Printmaking I 3 credit hours

A course covering the basic media and processes involved in the relief and intaglio processes, serigraphy, and creative printmaking. (Class contact for lecture and studio—6 hours per week.)

Prerequisites: ART 101 and 213.

Course fee: \$40.

ART 205

Typography 3 credit hours

Intermediate application of language, letterforms, and accompanying devices across a diverse range of media. Development of visual and audible representation of language to solve complex communication requirements. Develops theoretical and technical design skills including organization, hierarchy, aesthetics, and production technology. Assessment via written and verbal critiques, research, analysis, and descriptions of project-based work. (Class contact for lecture and studio—6 hours per week.)

Prerequisites: ART 101, 118, 218, and design technology requirement.

Course fee: \$40.

ART 213

Drawing 3 credit hours

A course intended to develop the student's understanding of the basic concepts of drawing and their powers of observation. Students work with various media utilizing a variety of sources and environments (Class contact for lecture and studio—6 hours per week.)

Course fee: \$40.

ART 214

Figure Drawing 3 credit hours

Introduction to fundamentals of drawing the human figure from gesture to finished work. Emphasis on shape, form, value, structure, and individual expression. (Class contact for lecture and studio—6 hours per week.)

Prerequisite: ART 213.

Course fee: \$40.

ART 218

Graphic Design I 3 credit hours

Introductory application of visual literacy and cognitive strategies to aide in solving communication problems using appropriate technology. Introduction to procedures and methodologies for problem identification, research, analysis, and evaluation. Assessment via written and verbal critiques, research, analysis, and descriptions of project-based work. (Class contact for lecture and studio—6 hours per week.)

Prerequisites: ART 101.

Corequisite: ART 118.

Course fee: \$40.

ART 223**Crafts****3 credit hours**

A survey course of craft techniques for the beginning student. Historical and cultural concepts with practical application. (Class contact for lecture and studio—6 hours per week.)

Course fee: \$40.

ART 301**Ceramics II****3 credit hours**

A continuation of ART 201 with an emphasis on the lab potter's wheel as a tool for the forming of pottery. Includes advanced decoration and firing techniques peculiar to wheel-thrown forms. (Class contact for lecture and studio—6 hours per week.)

Prerequisite: ART 201 or permission of the instructor.

Course fee: \$40.

ART 302**Sculpture II****3 credit hours**

A continuation of ART 202. An in-depth study of the design and technical methods of sculpture construction. Includes techniques in wood aluminum and welded steel. (Class contact for lecture and studio—6 hours per week.)

Prerequisite: ART 202.

Course fee: \$40.

ART 303**Painting II****3 credit hours**

Concentration on developing imaginative resources and processes through the use of acrylics. Explores the aesthetics of both abstraction and observation. (Class contact for lecture and studio—6 hours per week.)

Prerequisite: ART 203.

Course fee: \$40.

ART 304**Printmaking II****3 credit hours**

A continuation in developing the students' conceptual and studio skills in media and processes involved in relief, intaglio, serigraphy, and creative printmaking. (Class contact for lecture and studio—6 hours per week.)

Prerequisite: ART 204.

Course fee: \$40.

ART 307**Art History Survey III****3 credit hours**

A survey and topical study of issues in the nineteenth and twentieth century art of Europe and North America.

Course fee: \$15.

ART 318**Graphic Design II****3 credit hours**

Intermediate application of aesthetic principles to design media, including visual hierarchy, identity, organization, and artifacts with social and cultural implications across a wide variety of media. Development of conceptual understanding relating to the competencies and principles integral to design. Complex communication and usability problem solving via analysis and usability testing. Includes an introduction to the history, theory, and criticism of design. Assessment via written and verbal critiques, research, analysis, and descriptions of project-based work. (Class contact for lecture

and studio—6 hours per week.)

Prerequisites: ART 218 and design technology requirement.

Course fee: \$40.

ART 331**Illustration****3 credit hours**

A course that provides students with the opportunity to produce five finished art pieces suitable for inclusion in their professional portfolios. Introduces students to various art media in various formats, techniques, and dimensions aimed at different audiences. (Class contact for lecture and studio—6 hours per week.)

Prerequisites: ART 101, 105, 213, and 218.

Course fee: \$40.

ART 333**Watermedia****3 credit hours**

An introduction to various water media for producing a visual art product. Explores transparent water colors, egg-tempera, dyes, inks, polymer paints, and other water-based media through their characteristic properties. Fundamental techniques and painting elements are learned through experimentation with many different papers and other surfaces. Includes historical research covering the master artists in these fields. (Class contact for lecture and studio—6 hours per week.)

Course fee: \$40.

ART 355**Graphic Design Studio****1.5 credit hours**

Introduction to characteristic procedures relating professional practice via a studio environment. Problem solving, prototype development, usability testing, and technical delivery of diverse client-based projects. Assessment via written and verbal critiques, research, analysis, and descriptions of project-based work. (Class contact for studio—5 hours per week. Course can be repeated for credit for up to six hours.)

Prerequisites: ART 218, 318, and design technology requirement.

Course fee: \$40.

ART 363**Black and White Photography****3 credit hours**

A course in basic photographic procedure using black and white film with available light. Includes use of both camera and darkroom equipment, composition through the viewfinder of the camera and through the lens of the enlarger, development of film and paper, contact printing, cropping, and mounting. Also includes the application of visual devices (art elements and art principles) to photography. (Class contact for lecture and studio—6 hours per week.)

Prerequisites: ART 101, 102, and 213.

Course fee: \$40.

ART 365**Digital Photography****3 credit hours**

A course in basic photographic procedures using digital SLR camera and available light. Includes use of camera and digital equipment, composition through the viewfinder of the camera, output of images and paper, cropping, and mounting. Also includes the application of visual devices (e.g., art elements and art principles) to photography. (Class contact for lecture and studio—6 hours per week.)

Prerequisites: ART 101

Course fee: \$40.

ART 378**Motion Design****3 credit hours**

Intermediate and advanced application of moving images, animation, and interactive navigation across a diverse range of media. Development of visual and audible representation of movement to solve complex communication requirements. Assessment via written and verbal critiques, research, analysis, and descriptions of project-based work. (Class contact for lecture and studio—6 hours per week.)

Prerequisite: ART 218 and design technology requirement.

Course fee: \$40.

ART 442**Web Design****3 credit hours**

Intermediate and advanced application of two and three-dimensional design principles to web page and web site design. Includes perceptual, psychological, and functional conventions of electronic network media. Develops theoretical and technical multimedia design skills including HTML, CSS, FTP, multimedia integration and usability.

Prerequisites: ART 218 and design technology requirement.

Course fee: \$40.

ART 452**Directed Study****1-3 credit hours**

Supervised study within a chosen discipline.

Prerequisite: Permission of instructor.

Course fee: \$40 for directed study in ceramics, photography, printmaking, and sculpture.

Course fee: \$40 for ceramics, photo, print, and media.

ART 453**Practicum Infield Study****3 credit hours**

Student-oriented external internship experience documenting the ability to work productively with teams using professional practices and project organization unique to the sponsor. Assessment via written and verbal critiques, research, analysis, and description of project-based work. (Class contact for studio—6 hours.)

Prerequisites: ART 353, advisor consent, and design technology requirement.

Course fee: \$40.

ART 456**Secondary Art Methods and Evaluation****3 credit hours**

The theory and processes of teaching art in the secondary school.

ART 462**Elementary Art Methods and Evaluation****3 credit hours**

Theory and methods of teaching art in the elementary school. Presents specified projects for the elementary level.

ART 499**Senior Project****3 credit hours**

A course with an emphasis on portfolio preparation and presentation.

Prerequisite: Permission of department.

ART 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

BIOMEDICAL ENGINEERING (BE)

BE 310**Biomedical Engineering Survey****3 credit hours**

A survey course of the theory and principles of biosystems and biomedical instrumentation.

Prerequisites: EGR 221 and MAT 211.

Course fee: \$55.

BE 450**Special Topics****3 credit hours**

Courses of current interest.

Prerequisite: Instructor's approval.

Course fee: \$55.

BE 495**Directed Study****1-3 credit hours**

Directed study on problems of limited scope approved on an individual basis. May require written and/or oral presentation.

Prerequisites: Arrangement with professor and approval of department chair.

BE 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

BIBLICAL STUDIES (BIB)

BIB 222**Old Testament Introduction****3 credit hours**

A general introduction to the various books of the Old Testament dealing with the problems of canon, authorship, composition, date of writing, and providing some background in the cultural, historical, geographical, and archaeological setting in which the Bible events occurred.

BIB 251**Biblical Greek I****3 credit hours**

The beginning course in the study of Biblical Greek, emphasizing grammar and basic vocabulary.

BIB 252**Biblical Greek II****3 credit hours**

A continuation of Biblical Greek I with an emphasis on reading the Greek text of the New Testament and identifying grammatical forms. This completes the student's preparation for basic Greek exegetical and hermeneutical study of the New Testament.

Prerequisite: BIB 251.

BIB 261**New Testament Introduction****3 credit hours**

A general introduction to the various books of the New Testament with an emphasis on content and an examination of questions such as authorship, source, reliability, and canonicity.

BIB 302**Historical Geography of the Holy Land****3 credit hours**

A study of the geography and history of Palestine since antiquity, especially in relation to the nation of Israel and the Early Church.

BIB 306**Hermeneutics: Principles of Biblical Interpretation****3 credit hours**

A study of the problems and methods of Biblical interpretation, including the factors of presuppositions, historical context, grammatical relationships, vocabulary, figurative language, and genre.

BIB 311**Biblical Hebrew I****3 credit hours**

A basic introduction to Biblical Hebrew. Introduces students to the fundamentals of Biblical Hebrew grammar, morphology, and syntax. Also emphasizes developing reading skills in the Biblical text.

BIB 312**Biblical Hebrew II****3 credit hours**

A continuation of Biblical Hebrew I with an emphasis on reading the Hebrew text of the Old Testament and identifying grammatical forms. This completes the student's preparation for basic Hebrew exegetical and hermeneutical study of the Old Testament.

Prerequisite: BIB 311.

BIB 319**Hebrew Exegesis****3 credit hours**

An exegetical study of selected Old Testament passages. Attention is given to sound exegetical method and to critical problems and hermeneutics of the passages. Also studies doctrinal significance.

Prerequisite: BIB 312.

BIB 332**Old Testament Historical Books****3 credit hours**

A study of the two major histories in the Old Testament and ancient Israel in its historical and cultural milieu. Concentrates on the period from the monarchy to the conquest of Palestine by the Romans. Gives attention to the religious institutions, worship, and formative theological ideas.

Prerequisites: BIB 222, 306, and THE 217.

BIB 346**Luke-Acts****3 credit hours**

A study of the Gospel of Luke and the Book of Acts. Covers the Lukan redactional emphasis as well as a review of the content. Also examines events on the life of Jesus in the Early Church and in the journeys of Paul.

Prerequisites: BIB 261, 306, and THE 217.

BIB 351**Greek Exegesis I****3 credit hours**

An intermediate study of New Testament Greek to develop reading vocabulary and exegetical skills through intensive study of selected passages in the Greek New Testament. (May be repeated for credit.)

Prerequisite: BIB 252.

BIB 352**Greek Exegesis II****3 credit hours**

Exegetical study of selected portions of the Greek New Testament, applying and developing exegetical skills and knowledge of the language and content of the New Testament writings. (May be repeated for credit.)

Prerequisite: BIB 351.

BIB 362**Jesus and the Gospels****3 credit hours**

A study of the life and teachings of Jesus Christ, as presented in the Gospels and early Christian literature.

Prerequisites: BIB 261, 306, and THE 217.

BIB 363**Eschatology and the Book of Revelation****3 credit hours**

A study of Old and New Testament Teachings on eschatology, including those aspects of the Kingdom of God already present and those yet to be fulfilled. Specific attention is given to concepts such as Messiah, resurrection, tribulation, millennium, judgment, signs of the times, and Kingdom of God. (May be taken for either Old Testament or New Testament elective.)

Prerequisites: BIB 261, BIB 306, and THE 217.

BIB 364**The Pauline Epistles****3 credit hours**

A study of the ministry and teachings of the Apostle Paul as recorded in the Pauline Epistles. The life setting of each letter is related to Paul's journeys described in the book of Acts. Special attention is given to the major theological themes of the epistles.

Prerequisites: BIB 261, 306, and THE 217.

BIB 372**Johannine Literature****3 credit hours**

An exegetical study of the Gospel and Epistles of John. The study explicates the literary and theological themes related to these books. Investigates key historical issues, such as authorship, date, and community.

Prerequisites: BIB 261, 306, and THE 217.

BIB 376**Hebrews and General Epistles****3 credit hours**

An analysis of Hebrews, James, I and II Peter, and Jude, as seen in the light of their original historical settings and their relevance for today.

Prerequisites: BIB 261, 306, and THE 217.

BIB 421**Pentateuch****3 credit hours**

A study of the first five books of the Bible, treating historical beginnings, content of the covenant, and worship. Introduces the student to the cultural, geographical, and historical milieu of the Pentateuch.

Prerequisites: BIB 222, 306, and THE 217.

BIB 424**Hebrew Prophets****3 credit hours**

A study of the major and minor prophets and their writings. An introduction to the origin and development of prophecy among the Hebrews, a study of the Hebrew prophets who lived and preached in the nations of Judah and Israel during the first millennium B.C., and an examination of the historical, social, and religious implications of their message.

Prerequisites: BIB 222, 306, and THE 217.

BIB 437**Psalms and Wisdom Literature****3 credit hours**

A study of the wisdom books of the Old Testament (Job, Proverbs, and Ecclesiastes) and of the action books (Psalms, Song of Solomon, and Lamentations). Emphasizes Hebrew poetry and its relation to other ancient literature, including Ecclesiasticus and Wisdom of Solomon.

Prerequisites: BIB 222, 306, and THE 217.

BIB 438**Intertestamental Literature****3 credit hours**

A historical study of the intertestamental period with emphasis on readings from the literature of this period such as the apocrypha, pseudepigrapha, and the Dead Sea Scrolls. (May be taken for either Old Testament or New Testament elective.)

Prerequisites: BIB 222 and 261.

BIB 455**Intensive Studies****3 credit hours**

Specialized program of research and development of knowledge and skills in the area of Biblical studies.

Prerequisites: BIB 222, 306, and THE 217.

BIB 457**Honors Assistant Practicum****3 credit hours**

A practicum in which the student works one-on-one with an ORU teacher to improve skills in course preparation and administration, time management, tutoring, and communication. The student has opportunities to become involved with professional teaching and/or research on the baccalaureate level in Biblical literature, theology, and church ministries.

BIB 499**Senior Paper****3 credit hours**

Designed research and writing project for seniors studying under the personal guidance of a professor, with each doing specialized research in Biblical literature.

Prerequisite: THE 217.

BIB 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

BIOLOGY (BIO)**BIO 101****Principles of Biology Lecture****3 credit hours**

A study of the main principles of life common to both plants and animals, including scientific methods, levels of organization, cell structure and function, photosynthesis, respiration, molecular and Mendelian genetics, reproduction, development, evolution, classification, behavior and ecology, and their appropriate applications for solving current biological problems. (Open to biology majors by permission. BIO 101 and BIO 111 may not both be taken for credit.)

Corequisite: BIO 101 Lab.

BIO 101**Principles of Biology Laboratory****1 credit hour**

Lab exercises, experiments, and audiovisual presentations involving cells, respiration, photosynthesis, classical and molecular genetics, protein synthesis, enzyme action, reproduction, development, behavior, and ecology.

Corequisite: BIO 101 Lecture.

Lab fee: \$25.

BIO 111**Introductory Biology I Lecture****3 credit hours**

An introduction to the study of general biology covering the scientific method, levels of organization, the cell, photosynthesis, respiration, classical and molecular genetics, and vertebrate anatomy and physiology. (Designed for biology majors and minors and pre-health profession majors. BIO 101 and BIO 111 may not both be taken for credit.) (Honors sections are available for this course.)

Corequisite: BIO 111 Lab.

BIO 111**Introductory Biology I Laboratory****1 credit hour**

A course designed to complement and supplement BIO 111 Lecture. Student learns by handling glassware, chemicals, organisms, and equipment; by observing, forming hypotheses, conducting experiments, analyzing data, and making conclusions; and by working in a more individualized atmosphere than is possible in the classroom. Includes dissection of a fetal pig. (Honors sections are available for this course.)

Corequisite: BIO 111 Lecture.

Lab fee: \$25.

BIO 112**Introductory Biology II Lecture****3 credit hours**

An introduction to the taxonomy and characteristic structural and functional attributes of plants, invertebrates, and vertebrates. Includes evolution, ecology, and behavior. (Honors sections are available for this course.)

Prerequisite: One semester of biology.

Corequisite: BIO 112 Lab.

BIO 112**Introductory Biology II Laboratory****1 credit hour**

One 3-hour lab session each week devoted to the comparison, manipulation, identification, and dissection of selected specimens representative of different plant or animal groups. (Honors sections are available for this course.)

Corequisite: BIO 112 Lecture.

Lab fee: \$25.

BIO 200**Human Cadaver Dissection****1 credit hour**

An introductory laboratory course that presents the techniques and skills necessary to study the structure of the human organism. Models and cadavers are used for the dissection and study of the skeletal, muscular, cardiovascular, urinary, respiratory, endocrine, nervous, reproductive, gastrointestinal, and lymphatic systems. (Meets for one 3-hour lab per week. Does not count toward a major in biology.)

Prerequisite: 3.0 GPA, declared major with pre-med concentration, and permission of instructor.

Lab fee: \$100.

BIO 212**Principles of Microbiology Lecture****3 credit hours**

A study of the characteristics and importance of microorganisms with emphasis on their pathogenicity, control and relationships to health and disease designed for nursing majors. (This course does not count as upper division biology credit.)

Prerequisites: One semester each of general biology and chemistry, both with labs.

Corequisite: BIO 212 lab

BIO 212**Principles of Microbiology Laboratory****1 credit hour**

An introduction to microbiology lab techniques including isolation, cultivation, characterization, and identification of micro-organisms designed for nursing majors. This course does not count as upper division biology credit. (Two 2-hour lab periods per week.)

Corequisite: BIO 212 Lecture

Lab fee: \$50

BIO 251**Ozark Region Field Course****3 credit hours**

A team-taught, interdisciplinary, summer field course utilizing the natural environment of northeast Oklahoma and northwest Arkansas.

Prerequisite: Permission from instructors.

Lab fee: \$25

BIO 259**Scientific Terminology****2 credit hours**

Studies Greek and Latin word roots, prefixes, and suffixes commonly used in biology, science, medicine, dentistry, pharmacy, and other health professions.

Prerequisite: Permission of instructor.

BIO 310**Microbiology Lecture****3 credit hours**

A study of the classification, cultivation, physiology, growth, morphology, pathogenicity, and economic importance of micro-organisms, with emphasis on bacteria.

Prerequisites: One semester each of general biology and chemistry, both with labs; BIO 370.

Corequisite: BIO 310 Lab.

BIO 310**Microbiology Laboratory****1 credit hour**

An introduction to microbiology lab techniques including isolation, cultivation, characterization, and identification of micro-organisms. (Two 2-hour lab periods per week.)

Corequisite: BIO 310 Lecture.

Lab fee: \$100.

BIO 311**Genetics Lecture
3 credit hours**

An introduction to the principles of heredity including Mendelian, molecular, and population genetics with an emphasis at the molecular level.

Prerequisite: One year of biology and BIO 370 required; statistics recommended.

Prerequisite: BIO 370.

Corequisite: BIO 311 Lab.

BIO 311**Genetics Laboratory
1 credit hour**

An opportunity to make crosses using *Drosophila* and other organisms, analyze data, and form conclusions. Other experiments demonstrate and complement the information being taught in the lecture portion.

Prerequisites: One year each of general chemistry and introductory biology, both with labs.

Corequisite: BIO 311 Lecture.

Lab fee: \$100.

BIO 312**Ecology Lecture
3 credit hours**

A study of the interrelationships of plants and animals (including humans) with their environments. Topics include the ecosystems concept, biogeochemical cycles, energy flow, environmental factors, behavior, populations, communities, major ecosystems of the world, and Christian earthkeeping.

Prerequisites: One year each of general chemistry and introductory biology (with lab).

Corequisite: BIO 312 Lab.

BIO 312**Ecology Laboratory
1 credit hour**

Field and lab investigations of both terrestrial and aquatic ecosystems on a quantitative basis. (One 4-hour lab period per week.)

Corequisite: BIO 312 Lecture.

Lab fee: \$50.

BIO 360**Readings in Biology
1 credit hour**

Directed readings and reports on topics of special interest to the student and approved by the instructor.

Prerequisites: One course in biology and permission of the instructor.

BIO 370**Methods in Biotechnology
1 credit hour**

Introduction to the latest cutting edge techniques used in the field of biotechnology. Laboratory activities include isolation and characterization of bacterial DNA, basic processes of DNA transfer, DNA finger printing, DNA sequencing, Polymerase chain reaction (PCR), tissue culture, Enzyme Linked Immuno-sorbant Assay (ELISA), and bioinformatics.

Prerequisite: Junior or senior biology major or minor.

Lab fee: \$100.

BIO 372**Introduction to Biological Research
1 credit hour**

A course designed to introduce junior biology majors to scientific research. Introduces students to the nature of science and its methods and teaches the distinction between a "library" and "experimental" research proj-

ect. Students then select a research topic, a research director, and an advisor for the senior research project.

BIO 411**Molecular Cell Biology Lecture
3 credit hours**

An introductory survey of biological processes of prokaryotic and eukaryotic cells with special emphasis on the structure and function relationships, current biochemical theory and techniques, and the molecular basis of genetics and heredity.

Prerequisites: CHE 111 and 112 lectures and labs; BIO 111 and 112 lectures and labs; BIO 370.

Corequisite: BIO 411 Lab.

BIO 411**Molecular Cell Biology Laboratory
1 credit hour**

Introduction to modern techniques frequently used in the study of molecular biology. Lab techniques studied include native gel electrophoresis, protein fingerprinting, peptide mapping, SDS-PAGE, Western blotting, restriction digestion of plasmid DNA, cell fractionation and subcellular organelle isolation, DNA extraction, and DNA gel electrophoresis.

Corequisite: BIO 411 Lecture.

Lab fee: \$100.

BIO 421**General and Comparative Physiology
Lecture
3 credit hours**

Studies basic physiological principles, as exhibited by various mechanisms in different animals. Functions considered in the course include permeability, excitability, energy production, maintenance of health, and production of offspring.

Prerequisites: One year each of general biology and general chemistry both with labs. BIO 370.

Corequisite: BIO 421 Lab.

BIO 421**General and Comparative Physiology
Laboratory
1 credit hour**

Studies how internal and external conditions affect body functions of different organisms including the human. (One 3-hour lab per week.)

Corequisite: BIO 421 Lecture.

Lab fee: \$50.

BIO 429**Secondary Methods: Science
3 credit hours**

A course designed to prepare science education students with ideas and practical knowledge for the classroom. Focuses on materials and methods of teaching biology, chemistry, physics, and physical science.

BIO 431**Developmental Biology Lecture
3 credit hours**

A study of the ontogeny, morphogenesis, genetic and environmental factors, aggregation, differentiation, hormonal controls, and coordination of both plant and animal development.

Prerequisites: One year each of general biology and general chemistry; BIO 370.

Corequisite: BIO 431 Lab.

BIO 431**Developmental Biology Laboratory
1 credit hour**

One 3-hour lab session per week with equal emphasis

and time given to the study of prepared microscope slides and experimental manipulation of living, developing chickens, frogs, and sea urchins.

Corequisite: BIO 431 Lecture.

Lab fee: \$100.

BIO 451**Biology Seminar
1 credit hour**

Provides an opportunity for seniors to make a professional presentation of their senior project. Each presentation is evaluated by student, peers, and faculty. Includes an assessment of overall biological knowledge by requiring the standardized ETS Biology Field Test.

Prerequisites: Biology major and senior standing.

Test fee: \$30

BIO 454**Special Topics
1-4 credit hours**

Selected topics in biology not covered in the core curriculum. A course designed for use by one student or groups under the guidance of a faculty member to study selected topics in biology that are not available by title in the catalog. (May be repeated once for credit if subject matter is different.)

Prerequisite: Junior or senior biology majors or by consent of department chair and instructor.

Lab fee: \$50.

BIO 456**Bioethics
2 credit hours**

A capstone course for junior and senior biology students. Deals with ethical aspects of current biological technologies and issues such as creation-evolution, genetic engineering, biomedical issues, human population control, and environmental ethics, from a Christian perspective.

Prerequisite: 16 hours of biology.

BIO 457**Principles of Immunology Lecture
3 credit hours**

A study of the basic biological concepts of immunology, which are fundamental to the participation in modern medicine, whether it be as a nurse, medical technologist, or physician. Presents immunology, a biological science, from the viewpoints of developmental biology, molecular biology, genetics, biochemistry, microbiology, anatomy, and medicine.

Prerequisites: BIO 310 lecture and lab and CHE 211 with a grade of "C" or better; BIO 370. Biochemistry, molecular cell biology, or genetics courses are recommended.

Corequisite: BIO 457 lab.

BIO 457**Principles of Immunology Laboratory
1 credit hour**

Designed to allow students the opportunity to utilize the theories and concepts of immunology in practical, experimental projects. Emphasizes techniques involving serial dilutions, precipitation and agglutination reactions, nitrocellulose and gel electrophoresis, gel diffusion, isolation and identification of B-lymphocytes and T-lymphocytes, immunoaffinity-based procedures and practice problem solving.

Prerequisites: BIO 310 lecture and lab and CHE 211 lecture and lab with a grade of "C" or better; BIO 370.

Corequisite: BIO 457 Lecture.

Lab fee: \$100.

BIO 458**Marine Ecology Lecture
3 credit hours**

A course designed to familiarize the student with the physical, chemical, and biological factors of marine environments. Emphasis is on ecology. (Open to both science and non-science majors meeting the prerequisites.) Prerequisites: BIO 101 lecture and lab; BIO 111 lecture and lab.

Corequisite: BIO 458 lab is strongly recommended.

BIO 458**Marine Ecology Laboratory
1 credit hour**

Designed to train students to apply many of the principles learned in the BIO 458 lecture to the marine environment. The lab occurs primarily during the spring break trip to Cozumel or Florida.

Prerequisites: BIO 101 lecture and lab or BIO 111 lecture and lab.

Corequisite: BIO 458 Lecture.

Lab fee: \$50.

BIO 499**Individual Research and Senior Paper
3 credit hours**

Directed individual study for seniors pursuing research and the writing of the required senior paper.

Prerequisite: BIO 370, BIO 372, and senior status.

Lab fee: \$50.

BIO 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

**BIBLICAL
LITERATURE (BLIT)****BLIT 110****Survey of Old Testament Literature
3 credit hours**

A historical-thematic survey of the Old Testament. Gives special attention to the content of the Old Testament, with emphasis on the cultural, historical, and geographical background to the text and to the practical application of major Old Testament themes. Requires students to read through the Old Testament. (This course fulfills the general education requirement in Old Testament for non-theology majors. Honors sections are available for this course.)

BLIT 120**Survey of New Testament Literature
3 credit hours**

A historical-thematic survey of the New Testament. Gives special attention to the content of the New Testament, with emphasis on the cultural, historical, and geographical background to the text and to the practical application of major New Testament themes. Requires students to read through the New Testament. (This course fulfills the general education requirement in New Testament for non-theology majors. Honors sections are available for this course.)

BLIT 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this

number.)

Prerequisite: Approval by petition to department chair.

BUSINESS (BUS)**BUS 099****Business Seminar
0 credit hour**

Selected topics such as organizational behavior, human relations development, marketing, management, finance, accounting, computer applications, and international relations. (Undergraduate students in the School of Business need to take two of these seminars. One in the freshman year and one during senior year is recommended.) (Pass/fail only.)

BUS 201**Principles of Economics I
(Macroeconomics)
3 credit hours**

An overview of basic economic concepts and institutions. Modern national income formation theory; economic fluctuations, money, banking, monetary and fiscal policy; economic stabilization theory and policy; the public sector, aggregate demand, aggregate supply, Keynesian Theory, monetary theory; theory of economic growth and development; and comparative economic systems.

BUS 202**Principles of Economics II
(Microeconomics)
3 credit hours**

Theory of markets, price mechanism, production, distribution, and resource allocation; application of marginal analysis and equilibrium theory to the price and output decisions of the individual firm in pure competition, monopolistic competition, oligopoly, and monopoly; agriculture; labor, rent, interest, and profit theory; international trade; the economics of change.

Prerequisite: BUS 201.

BUS 325**Business Law I
3 credit hours**

An introductory course of a two-semester study of law as it affects business and commerce in the United States. The scope and study include an overview of the development and function of law—jurisprudence and procedure—as well as the basic features of constitutional law, criminal law, torts, contracts, and property. Law is approached as a set of “enforceable rights.”

Prerequisites: BUS 202 and senior standing.

BUS 326**Business Law II
3 credit hours**

A continuation of BUS 325 with emphasis upon the Uniform Commercial Code, the Uniform Consumers Code, the Truth in Lending Act, and their effects on sales, commercial paper, creditor rights and secured transactions, consumer credit sales, consumer loans, disclosure statements, limitations on consumer liability, home solicitation sales, and consumer and creditor remedies. Also, the study of the law of agency, partnerships, special ventures, corporations, and real property.

Prerequisites: BUS 325 and senior standing.

BUS 361**International Business
3 credit hours**

An introduction to the opportunities and challenges of transacting commerce in a global market. Topics of dis-

cussion include culture, communication, economics, finances, legal and political considerations, missions, and social responsibility. Overview of major trading areas include Africa, Asia, Europe, North and South America, the Middle East, and the Pacific Basin.

BUS 372**Business Ethics
3 credit hours**

A study of the interrelationships among individuals, business firms, service industries, nonprofit organizations, churches, and government in American society. Focuses on the issues and problems that confront the leaders exercising social responsibility and examines the nature and objectives of selected public policies impinging on business. Includes a comprehensive analysis and synthesis of philosophies that determine cultural values and an evaluation in terms of the student's own personal value system. Addresses management's role in upholding Christian principles as it interacts with government and society. (Crosslisted with GBUS 572.)

BUS 450**Special Topics in Business
3 credit hours**

A course designed to facilitate the study of contemporary issues germane to conducting business in the global economy. Content includes extensive reading and class discussion surrounding text materials and articles from leading business periodicals. Guest speakers provide direction to the discovery process and validate the course content.

BUS 451**Business Administration Internship
1-3 credit hours**

A special problem in the area of business administration for the student of special ability in lieu of a regular course. Upon receiving written approval from the instructor, the student may obtain an on-the-job apprenticeship for one semester to provide data for writing a formal paper. (Credit received is determined by the nature and scope of the project. Honors sections are available for this course.)

Prerequisite: Business major.

BUS 454**International Business Internship
1-3 credit hours**

Permits students with special ability to pursue a problem within the concentration. With written approval from the instructor, a student can obtain an on-the-job apprenticeship for one semester to provide data for writing a formal paper. (Credit received is determined by the nature and scope of the project.)

Prerequisite: International business major.

BUS 499**Senior Paper
3 credit hours**

One of two capstone courses that must be taken by all ORU School of Business seniors. The course emphasizes application of principles taught in lower-level business courses. The course contains two distinct but integrated phases: the seminar phase, which uses textbook readings and class discussion to provide an overview of the field of small business management, and the project phase, in which groups of students form Small Business Institute teams that provide business consulting services to local small businesses.

Prerequisites: ACT 216, BUS 201, MGT 130, MKT 130, FIN 338, and senior standing.

BUS 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

COMMUNICATION, ARTS, AND MEDIA (CAM)

CAM 426**Communication Seminar
3 credit hours**

Designed to provide an opportunity for students and faculty to explore innovative ideas and subjects emerging within the communication discipline. Content may change from session to session and range from business speaking to costume history.

CAM 451**Communications Internship
1-3 credit hours**

An arranged program of activities with a local employer for the development of communication skills in a job environment. Credit varies according to the job description.

Prerequisites: Junior or senior standing and consent of the department.

CAM 453**Directed Study and Research
1-3 credit hours**

A collaboration between student and professor on an approved topic. Content varies.

Prerequisites: Junior or senior standing and consent of the department.

CAM 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

CHRISTIAN CARE AND COUNSELING (CCC)

CCC 301**Introduction to Christian Caregiving
3 credit hours**

A study designed to examine the caring aspect of the Christian life from theoretical, theological, and practical perspectives. Implements the integration of the theoretical and theological perspectives with practical experiences and evaluation. (Offered only through distance learning.)

CCC 303**Issues and Identity of the Caregiver
3 credit hours**

A study of the ethics, values, and litigation that affect the counseling field and professionals in that field. Examines the role of the professional counselor. (Offered only through distance learning.)

CCC 321**Christian Approaches to Counseling
3 credit hours**

A study designed to acquaint students with the four basic paradigms of Christian counseling: insight-oriented, behavioral, cognitive, and faith healing. The philosophical assumptions and uses of specific techniques with each are explored. (Offered only through distance learning.)

CCC 324**Foundations of Personality Development
3 credit hours**

A study of the principal interpretations of personality development, description, dynamics, and determinants. (Offered only through distance learning.)

Prerequisite: PSY 201.

CCC 332**Lifespan Development
3 credit hours**

A study of human behavior in the social environment and the effect that environmental and psychological variables have upon the development of humans from conception to death. Gives special attention to the development of behaviors, attitudes, and problems specific to different subcultural and age groups, including the elderly. (Offered only through distance learning.)

CCC 339**Developing Helping Skills
3 credit hours**

A study of the major theoretical concepts of counseling psychology presented with practical applications of those concepts in terms of counseling strategies and techniques. Expects the student to formulate appropriate hypotheses concerning representative client problems and propose competent methodologies/strategies for addressing those problems. (Offered only through distance learning.)

CCC 405**Crisis Intervention
3 credit hours**

A study to acquaint the student with the nature and dynamics of crisis situations. Places emphasis upon intervention principles and procedures in the context of situational crises. The approach includes the concept of training the laity for basic crisis intervention. (Offered only through distance learning.)

CCC 411**Practical Applications of Helping Skills
3 credit hours**

A counseling practicum designed to provide students with an opportunity to become acquainted with the practice of counseling. Working in various settings, students interact with counseling professionals and become familiar with counseling as it is practiced within an agency. (Offered only through distance learning.)

CCC 413**Senior Practicum
3 credit hours**

A practicum in a church counseling setting. Provides an opportunity to become acquainted with the practice of helping through Christian counseling. Students interact with professionals and learn about counseling as it is practiced within a church. (Offered only through distance learning.)

CCC 426**Assessment and Evaluation
3 credit hours**

An introductory course for counselors. Its objective is to promote knowledge of and skills in assessment and evaluation. (Offered only through distance learning.)

CCC 429**Substance Abuse
3 credit hours**

Presents the theological, ethical, moral, and practical considerations important in counseling those who are chemically dependent. (Offered only through distance learning.)

CCC 430**Special Issues in Counseling
3 credit hours**

The study of contemporary problems, trends, or innovative developments in Christian counseling. (Offered only through distance learning.)

CHEMISTRY (CHE)

CHE 101**Principles of Chemistry Lecture
3 credit hours**

An introductory course requiring no prior background in chemistry. Emphasizes applying chemical principles to everyday situations and acquaints the student with the periodic table and chemical nomenclature.

Corequisite: CHE 101 Lab.

CHE 101**Principles of Chemistry Laboratory
1 credit hour**

A lab experience that provides the student with an opportunity to apply the scientific method focusing on the relationship of chemistry to daily life. (One-hour recitation per week immediately followed by a 3-hour lab. This is a writing intensive course.)

Corequisite: CHE 101 Lecture.

Lab fee: \$45.

CHE 111**General Chemistry I Lecture
3 credit hours**

An introduction to the concepts of chemical bonding, electronic configurations, periodic trends, solution properties, chemical problem solving, and physical properties of gases. Teaches naming of inorganic ions and covalent molecules and dimensional analysis.

Prerequisite: One year of high school chemistry and minimum score on the Chemistry placement test.

Corequisite: CHE 111 Lab.

CHE 111**General Chemistry I Laboratory
1 credit hour**

A laboratory study of the properties of elements and simple covalent and inorganic materials. Measures physical and chemical properties. Experiments are conducted in stoichiometry, gas laws, atomic line spectra, replacement reactions, and others. (One hour recitation per week immediately followed by a 3-hour lab.)

Prerequisite: One year of high school chemistry or permission based on placement test.

Corequisite: CHE 111 Lecture.

Lab fee: \$45.

CHE 112**General Chemistry II Lecture
3 credit hours**

Continues the basic study of the physical and chemical properties of matter. Topics include thermodynamics, kinetics, equilibria, colligative properties, and electrochemistry.

Prerequisites: CHE 111 Lecture and Lab.

Corequisite: CHE 112 Lab.

CHE 112**General Chemistry II Laboratory
1 credit hour**

Provides an opportunity to correlate the physical and chemical properties of different substances with concepts examined in the lecture. Experiments are conducted in kinetics, calorimetry, electrochemistry, and solutions. (One hour recitation per week immediately followed by a 3-hour lab. Honors sections are available for this course.)

Prerequisites: CHE 111 Lecture and Lab.

Corequisite: CHE 112 Lecture.

Lab fee: \$45.

CHE 211**Organic Chemistry I Lecture
3 credit hours**

An introduction to organic structures and reactions. Course includes a review of general chemistry, alkanes, alkenes, alkynes, alcohols, and polymers.

Prerequisites: CHE 112 Lecture and Lab.

Corequisite: CHE 211 Lab.

CHE 211**Organic Chemistry I Laboratory
1 credit hour**

An introduction to methods of synthesis and analysis of pertinent organic reaction types. Project sessions give the student adequate training in the use of organic lab techniques and report writing. (One hour recitation per week immediately followed by a 3-hour lab.)

Prerequisites: CHE 112 Lecture and Lab.

Corequisite: CHE 211 Lecture.

Lab fee: \$45.

CHE 212**Organic Chemistry II Lecture
3 credit hours**

A treatment of organic reactions and mechanisms as applied to synthesis. Gives special emphasis to spectroscopic methods of molecular structural identification. Emphasizes the major functional groups and arene chemistry.

Prerequisites: CHE 211 Lecture and Lab.

Corequisite: CHE 212 Lab.

CHE 212**Organic Chemistry II Laboratory
1 credit hour**

Emphasizes the analysis of unknown organic mixtures. These mixtures are representative of the major functional group differences. Uses various spectroscopic instrumental methods in the analysis, (NMR, IR, UV, and mass spectrometry). (One hour recitation per week immediately followed by a 3-hour lab.)

Prerequisites: CHE 211 Lecture and Lab.

Corequisite: CHE 212 Lecture.

Lab fee: \$45.

CHE 300**Quantitative Analysis Lecture
2 credit hours**

A study of inorganic and organic analyses based on chemical equilibrium as applied to chromatography, solu-

bility, titrimetry, spectrophotometry, and electrochemistry.

Prerequisites: CHE 112 Lecture and Lab.

Corequisite: CHE 300 Lab.

CHE 300**Quantitative Analysis Laboratory
2 credit hours**

An examination of quantitative methods of analysis of inorganic, organic, and biological samples. Integrates modern instrumentation (ultraviolet-visible spectrophotometry, potentiometric titration, and liquid chromatography) into the analyses. (Two 3-hour labs per week.)

Prerequisites: CHE 112 Lecture and Lab.

Corequisite: CHE 300 Lecture.

Lab fee: \$45.

CHE 303**Physical Chemistry I Lecture
3 credit hours**

The mathematical modeling of chemical systems, including derivations and limitations of equations. Systems studied include gases, kinetics, and thermodynamics of chemical reactions and equilibrium.

Prerequisites: CHE 212 Lecture and Lab and MAT 201.

CHE 303**Physical Chemistry I Laboratory
1 credit hour**

Lab sessions in computer modeling of physical systems as well as a study of physical characteristics of molecules with IR, NMR, and UV spectroscopy emphasized. (One 3-hour lab per week.)

Prerequisites: CHE 303 Lecture.

Lab fee: \$45.

CHE 304**Physical Chemistry II
3 credit hours**

An in-depth study of the thermodynamics and kinetics of chemical reactions with an emphasis on current tools of research employed in understanding reaction mechanisms and physical characteristics of molecules.

Prerequisites: CHE 303 Lecture.

CHE 400**Chemical Instrumentation Lecture
2 credit hours**

The practical and theoretical investigation of principles, operating parameters, and applications of instruments used for chemical analysis. Gives special attention to electrochemistry and spectroscopy.

Prerequisites: CHE 300 Lecture and Lab.

Corequisite: CHE 400 Lab.

CHE 400**Chemical Instrumentation Laboratory
2 credit hours**

Emphasis on projects that elucidate the lecture material along with pertinent electronics experiments. Most of the experiments are in spectroscopy, electrochemistry, radiochemistry, thermal analytical methods, and special topics. (Two 3-hour labs per week.)

Prerequisites: CHE 300 Lecture and Lab.

Corequisite: CHE 400 Lecture.

Lab fee: \$45.

CHE 449**Chemistry Research Laboratory
1 credit hour**

A coverage of the scientific method, problem selection, and proposal writing. Students begin their project bibliography and write a project proposal. (One hour recitation per week immediately followed by a 3-hour lab.)

Prerequisites: CHE 212 Lecture and Lab; CHE 400

Lecture and Lab.

Lab fee: \$45.

CHE 452**Seminar
1 credit hour**

A study of research methods. Attention is given to the American Chemical Society's style guide for professional presentation techniques. Students give a formal presentation of the results of their projects.

Prerequisite: CHE 499.

CHE 454**Recombinant DNA Technology
3 credit hours**

A study of the structural, chemical, and physical characteristics of DNA and protein synthesis. Discusses molecular biology of the gene and the cell along with the recent advancement of recombinant DNA technology.

Prerequisites: CHE 212 Lecture and Lab.

CHE 455**Oncological Chemistry
3 credit hours**

Examines the causes of cancer, the chemistry of approved anti-cancer drugs, mechanisms of interaction with the body, side effects, classifications of drugs, and environmental carcinogens.

Prerequisites: CHE 212 Lecture and Lab; one year of biology.

CHE 456**Inorganic Chemistry
3 credit hours**

Examines bonding, structure, and reactions of coordination complexes. Discusses acid-base theories, homogeneous catalysis, and heterogeneous catalysis.

Prerequisite: CHE 212 Lecture and Lab.

CHE 458**Chemistry Internship
1-4 credit hours**

Student involvement in an industrial or academic internship that is approved, planned, and documented.

Prerequisite: CHE 400 Lecture and Lab.

CHE 459**Biochemistry Lecture
3 credit hours**

An introductory study of biochemistry with emphasis on intermediate metabolism. Topics include protein structure and function, enzyme kinetics, the major metabolic pathways, and integration of metabolism. (Highly recommended for all those planning to take the MCAT, PCAT or DCAT.)

Prerequisite: CHE 212 Lecture and Lab.

CHE 459**Biochemistry Laboratory
1 credit hour**

An introduction to basic laboratory techniques for biochemistry. Topics include protein assays, protein purification, kinetics of enzyme catalyzed reactions, spectroscopy, centrifugation, dialysis, electrophoresis, and chromatography.

Prerequisites: CHE 459 Lecture

Lab fee: \$45.

CHE 471**Structure and Bonding
3 credit hours**

A study of the fundamental basis of all chemistry—the chemical bond and molecular structure. Places emphasis on developing a modern understanding of bonding and modeling theories. Gives the student practical

experience in using current molecular modeling software and its application towards solving problems of modern chemical, medical, and biochemical research and practice.

Prerequisite: CHE 303 Lecture.

CHE 473
Medicinal Chemistry
3 credit hours

Emphasis on organic reactions and reaction mechanisms, selected heterocyclic chemistry, polymer chemistry, nucleic acid chemistry, chemistry of pesticides, drugs of use and abuse, biogenic amines, biosynthesis, and relevant mechanistic concepts.

Prerequisites: CHE 212 Lecture and Lab.

CHE 474
Environmental Analysis
3 credit hours

Focuses on acids, bases, and chemical equilibria pertaining to the chemistry of the environment and modern methods of analysis.

Prerequisite: CHE 212 Lecture and Lab.

CHE 499
Individual Research and Senior Paper
3 credit hours

Directed individual study in research and writing required for the senior paper.

Prerequisite: Senior chemistry or biomedical chemistry major; CHE 400 Lecture and Lab; CHE 449.

Lab fee: \$45.

CHE 999
1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

CHURCH MINISTRIES (CHRM)

CHRM 203
Foundational Approaches to Pastoral Care
3 credit hours

Examines leading theories of human behavior and accompanying intervention strategies for change and growth. Study includes assessment of each theory's suitability/adaptability for use in Christian ministry.

Prerequisite: PSY 201.

CHRM 302
Christian Leadership
3 credit hours

Provides the student with an understanding of the nature of Christian leadership and how to develop as a leader called to serve the body of Christ. Designed to help students discover how they are to live their lives in such a way that they become the Gospel in every person's world. A guided self-study into one's calling. Includes discussion of what it means to be called and what is Jesus' model of leadership as well as other Biblical and modern models of leadership.

Prerequisite: Sophomore standing or above.

CHRM 303
Curriculum Development
3 credit hours

A study of curriculum theory and principles involving the student in the preparation, evaluation, and selection

of instructional materials for the educational ministries of the church. Includes the church's total planning, curricular and extracurricular, and the utilization of resources for the healthy growth of the whole person.

CHRM 304
Introduction to Christian Education
3 credit hours

A study of the basic principles and practices of organizing, administering, and supervising a balanced program of Bible teaching ministries in the local church. Surveys all of the educational agencies for the various age levels, particularly the Sunday school.

CHRM 305
Teaching the Bible
3 credit hours

Practical exploration of the teaching/learning process as a foundation for Bible study and teaching all age levels in the church. Studies and demonstrates learning/teaching theory and process, objectives, lesson planning, and methodologies.

Prerequisites: BIB 222 and 261.

CHRM 306
Pastoral Ministry Skills
3 credit hours

Training provided in the basic attending skills necessary for lay counseling and pastoral care.

Prerequisite: CHRM 203.

CHRM 307
Urban and Outreach Ministries
3 credit hours

Examines Christ's life as a Biblical model for ministry. His teaching and example have special relevance for those who serve the poor. A scriptural, theological, and experiential perspective for mission outreach among the world's poor. Course study uses Biblical, theological, and contemporary practice resources.

Prerequisite: Sophomore standing or above.

CHRM 310
Youth Culture and Faith Development
3 credit hours

Seeks to develop an advanced understanding of the culture of young people and how to minister to adolescents in the throes of the physical, social, educational, and faith development issues. This course recognizes that youth ministry is cross-cultural and endeavors to consider and discover new ways to equip adolescents to live as fully functional Christian adults.

Prerequisite: Junior or senior standing.

CHRM 313
Prayer Ministry of the Caregiver
3 credit hours

Study of the purpose of prayer and of the Biblical and traditional patterns of prayer useful in applied pastoral care giving and in the development of the caregiver's personal spiritual life.

CHRM 314
Spiritual Formation in Pastoral Care I
3 credit hours

Deals with the nature of personal spiritual formation, emphasizing the centrality of the caregiver's maintenance of a sound personal spiritual life out of which ministry flows. Gives attention to ways in which caregivers minister to the Body of Christ formationally, especially in assisting persons to develop lives of prayer and formational interaction with scripture overflowing into service to others.

CHRM 315
Pastoral Care
3 credit hours

Acquaints students with philosophy, methods, and resources suitable for those in professional or lay ministry, equipping students for application of knowledge and skills to a broad range of pastoral settings.

Prerequisite: Must not be majoring in pastoral care.

CHRM 316
Outdoor Adventure and Camping in Youth Ministry
3 credit hours

Introduces students to the importance of problem solving and team building in youth ministry. Involves interactive games, retreats, camping, the ropes course, and other incarnational ministry experiences. This is a "how to" course. (May obtain certification as a ropes course instructor with an additional lab fee.)

Prerequisites: Junior or senior standing.

Facility fee: \$60

CHRM 317
Introduction to Youth Ministry
3 credit hours

An overview of youth ministry within the local church including foundations for ministry, roles and relationships of the youth minister, and administrative principles and strategies.

Prerequisite: Sophomore standing or above.

CHRM 335
Introduction to Evangelism
3 credit hours

Explores the Biblical, theological, ethical, and sociological foundations and implications of the Great Commission. Introduction to several presentations of the Gospel while challenging students to formulate their own Gospel presentation fit for a variety of cultural settings. Encourages students to be aware of the philosophical presuppositions that influence their personal proclamation and living out the Gospel.

Prerequisite: Sophomore standing or above

CHRM 338
Prayer-Based Ministry in the 21st Century
3 credit hours

Provides students the opportunity to explore the Christian spiritual prayer practice, discovering their powerful value in this postmodern era. Seeks to sharpen critical thinking skills and assist students in creatively determining ways to reach the postmodern world with the Gospel.

CHRM 340
Sermon Preparation and Preaching
3 credit hours

A study of the fundamentals of preaching. Gives attention to the Biblical perspectives of preaching and the principles of sermon construction, as well as to the delivery of the sermon.

Prerequisites: BIB 222, 261, 306, and THE 217; junior or senior standing.

CHRM 398
Ministry Practicum
3 credit hours

Supervised ministry in a local church or ministry setting under the auspices of an assigned mentor. The supervised activities are ministries in areas of the student's gifts and call as well as those meeting church needs.

Prerequisites: Junior or senior standing; summer or semester just prior to writing senior paper.

CHRM 399**Signs and Wonders****3 credit hours**

Provides a Biblical, theological, and practical examination of signs, wonders, and miracles in the ministry of the Church. Provides practical, contemporary demonstrations of these Biblical concepts, which were demonstrated in the life of Christ and the Book of Acts. Exposes students to leaders in the Body of Christ who exercise signs and wonders in their ministries.

CHRM 402**Discipleship and Small Groups****3 credit hours**

A study of how to develop and direct discipleship and small group programs within the church. Includes small group principles, dynamics, and problems. Also considers the way to develop Christian disciples and gives practical guidelines for implementing discipleship in the church.

CHRM 422**Spiritual Formation in Pastoral Care II****3 credit hours**

Assists students in intentional growth in ministry, expanding their knowledge, experience, and vision. Students must have had academic exposure to helping skills and approaches and their uses in varied ministry settings. Prerequisites: CHRM 203, 306, and 315; permission of instructor.

CHRM 430**Local Church Outreach****3 credit hours**

Focuses on the practice of evangelism in the local church, exploring what it means for the church to be in missions to the unchurched.

Prerequisite: Sophomore standing or above.

CHRM 431**Media and Technology in Ministry****3 credit hours**

A broad study of the various types of mass communication media and technology and their practical use in evangelism and local church ministry. Provides the student with a set of contemporary media technology skills compatible with post-modern Christianity.

Prerequisite: Sophomore standing or above.

CHRM 440**Advanced Preaching****3 credit hours**

Develops advanced skills in the art of sermon writing and preaching. Students work in the preaching lab, developing homiletical skills through experiencing and critiquing the sermons of other students.

Prerequisite: CHRM 340.

CHRM 453**Pastoral Care of Families with Youth****3 credit hours**

Discusses how to help families with adolescents. Addresses the family system, the characteristics of the "at risk" adolescent, and ways to guide adolescents and their families as they face such topics as divorce, sexuality, unplanned pregnancy, chemical abuse, boundaries, parental roles, single parenting, sibling relationships, respect, independence, career planning, and goal setting. Prerequisites: CHRM 317; junior or senior standing.

CHRM 455**Intensive Studies****3 credit hours**

Investigation of selected issues in the practices of min-

istry. Areas of study vary so that the course may be repeated.

CHRM 456**Children's Ministry****3 credit hours**

Provides an overview of Christian education for children from birth through the sixth grade including age group characteristics, leadership of various ministries, spiritual development, methods, resources, and current trends.

CHRM 457**Honors Assistant Practicum****3 credit hours**

A practicum in which the student works one-on-one with an ORU teacher to improve skills in course preparation and administration, time management, tutoring, and communication. The student has opportunities to become involved with professional teaching and/or research on the baccalaureate level in Biblical literature, theology, and church ministries.

CHRM 460**Church Administration****3 credit hours**

Emphasizes church administration, including organization, programming, aspects of leadership, and the relationship of the church to the denomination and to society. Gives attention to various aspects of the minister's work, including his or her schedule.

CHRM 499**Senior Paper/Portfolio****3 credit hours**

Designed for seniors who, after completing 150 hours of church-related practicum experience, write a major paper that takes into account their practicum experiences, philosophy of ministry, and a research component that deals with a specialized area of ministry. Prerequisites: THE 217; CHRM 398 or MISS 397.

CHRM 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

COMPUTER INFORMATION TECHNOLOGY (CIT)

CIT 216**Project Management****3 credit hours**

Addresses the management of communication, cost, human resource, integration, procurement, quality, risk, scope, and time, as well as a project manager's social and professional responsibilities. Covers how project management proficiency is measured in the areas of initiation, planning, executing, monitoring and controlling, closing, and professional and social responsibility. Also provides an introduction/overview of project software.

Prerequisite: MGT 130 and CSC 111.

CIT 302**Enterprise Development****3 credit hours**

Addresses quality assurance, software development,

methodology, and testing. Demonstrates what constitutes professional business principles and practices that encourage free enterprise and advance science and technology innovation.

Prerequisite: CSC 111.

CIT 304**System Analysis/Design****3 credit hours**

An overview of a system's development life cycle. Emphasizes current system documentation through the use of both classical and structured tools/designs, input and output designs, program specifications and a study of structured systems development. Emphasizes strategies and techniques of structured design for producing logical methodologies to deal with complexity in development information systems. Includes indepth discussion of information gathering and reporting activities of transitioning from analysis to design.

Prerequisite: CSC 111.

CIT 306**Database Development****3 credit hours**

An introduction to the concepts and techniques of structuring data on secondary storage devices. Topics include physical characteristics of external storage media, file blocking, file manipulation, random versus sequential organization, indexed access, multiple indices, has addressing, and B-trees. Introduces concepts and techniques encountered in database systems. Topics include data independence, data models (relational, hierarchical, network), data normalization, data description languages, query languages, file and index organization, design and implementation strategies, security, integrity, reliability, and an indepth study of SQL.

Prerequisite: CSC 111.

CIT 442**Information System Security****3 credit hours**

An overview of information system security to include managing security, protecting information technology assets, of attacking and of guarding against attacks and failures in various types of information systems. Includes computer, network, and data protection technologies (e.g., firewalls, packet filters, proxy servers, user authentication and validation techniques, encryption, backup methodologies, and system and component redundancies. Examines various threats and attack methods (e.g., hackers, crackers, viruses, worms, sniffers, identity spoofs, hardware vulnerabilities).

Prerequisite: CSC 441.

CIT 428**Information System****3 credit hours**

An introduction to planning, coordinating, directing research, and facilitating computer-related activities. Examines activities associated with installing and upgrading hardware and software, programming and systems design, development of computer networks, and implementing Internet and Intranet sites. Includes upkeep, maintenance, security of networks. Students analyze computer and information needs of organizations from an operational and strategic perspective.

Prerequisite: CSC 216 and 304.

COMPUTER ENGINEERING (CMPE)

CMPE 312

Computer Networks and Communications 3 credit hours

An introduction to the growing areas of computer networks and communications. Topics include ISDN, LANs, fiber optics, and bridges with a detailed study of OSI protocols.

Prerequisite: Senior standing in CMPE or EE.

Course fee: \$35.

CMPE 340

Digital Systems Design Lecture 3 credit hours

Design of combinational and sequential logic circuits. Design of practical digital circuits using PAL, PLA and FPGA. Application of VHDL in design.

Corequisite: CMPE 340 Lab.

CMPE 340

Digital Systems Design Laboratory 1 credit hour

Analysis and design of combinational and sequential digital systems. Computer simulation of digital circuits. Digital breadboarding debugging techniques, and application of software tools in design.

Corequisite: CMPE 340 Lecture.

Lab fee: \$55.

CMPE 441

Microprocessor Systems Design 3 credit hours

Introduction to Intel-8085 microprocessor, its architecture, instructions, and assembly-level language programming techniques. Interfaces Intel-8085 with peripheral devices, study, and use of Intel-8085 cross-assembler and simulator. Incorporates lab experience in the course.

Prerequisites: CMPE 340 Lecture and Lab.

Course fee: \$35.

CMPE 443

Computer Architecture 3 credit hours

A study of the evolution of computer architecture and the factors influencing the design of hardware and software elements of computer systems. Topics may include instruction set design, processor implementation techniques, and I/O and interrupts. Also includes advanced architectural features, pipelining, virtual memory, cache memory, and concepts of operating systems.

Prerequisite: CMPE 441.

Course fee: \$35.

CMPE 450

Special Topics 3 credit hours

Courses of special interest. Topics vary.

Course fee: \$35.

CMPE 495

Directed Study 1-3 credit hours

Directed study of problems of limited scope approved on an individual basis. May require written and/or oral presentation.

Prerequisites: Arrangement with professor and approval of department chair.

CMPE 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

COMMUNICATION ARTS (COM)

COM 101

Oral Communication 3 credit hours

An investigation of basic principles of communication and their application to intrapersonal, interpersonal, small group, and public communication. (Honors sections are available for this course.)

Course fee: \$5.

COM 102

Voice, Diction, and Phonetics 3 credit hours

The study of voice production and phonetics. Topics include the purpose of vocal production, the characteristics of good speech, the identification, evaluation, and correction of improper speech techniques, and the individual analysis of and drill to correct inadequacies of vocal production and vocal variety. Involves exercises and activities to correct specific vocal problems, learning the International Phonetic Alphabet (IPA) to enable precise and improved articulation, and classroom transcription activities using IPA, combined with the phonetic analysis of each sound and the study of pronunciation standards.

COM 202

Oral Interpretation of Literature 3 credit hours

Analysis of prose, poetry, and drama for emotional and intellectual meaning, with reference to the author's background, philosophy, and intent. Application of the principles of oral presentation to the interpretation and recreation of that meaning for various audiences.

COM 203

Interpersonal Communication 3 credit hours

A study of the theory and practice of communication skills in at least three areas: functional intelligence, social decision-making, and self-expression. Encourages a Biblical whole-life approach to communication, acknowledging the integration of body, mind, and spirit into the interpersonal experience. Gives special attention to the application of theory to life situations.

Prerequisite: COM 101.

COM 250

Forensics 1 credit hour

Focuses on teaching the students presentation skills in readers' theatre and prose and poetry reading. Includes presentations of literature that do not depend on costumes, sets, and extensive special effects in sound and lighting.

Prerequisite: COM 101.

COM 251

Organizational/Interpersonal Seminar 1 credit hour

A seminar including pertinent subjects, guest speakers from the organizational/interpersonal industry, demonstrations, exercises, field trips, and experiences that

are outside the scope of standard organizational/interpersonal courses.

COM 260

Debate and Tournament Directing 2 credit hours

Designed to teach communication education majors how to teach forensics and organize a school forensics squad. Provides training and participation in campus and intercollegiate communication activities. Focuses on teaching students presentation skills covered in forensic competition, such as prose reading, poetry reading, oratory, extemporaneous speaking, dramatic duo, communication analysis, dramatic and humorous presentations, and readers' theatre. Experiences range from individual speaking and debate activities to managing tournaments and developing business and church communication. Includes church presentations of literature that do not depend on costumes, sets, and extensive special effects in sound and lighting.

Prerequisites: COM 250 and 309.

COM 300

Organizational Communication 3 credit hours

A study of the theory and practice of organizational communication skills including assumptions, processes, roles, relationships, and responsibilities. Addresses skills and applications of organizational communication. Focuses on the analysis of an organization of the student's choice and on the understanding and completion of a communication needs assessment with an organization in the Tulsa area.

Prerequisite: COM 101 or consent of instructor.

COM 302

Advanced Public Speaking 3 credit hours

Instruction in the theory and practice of public speaking skills in a broad range of situations. Emphasis is on formulation and presentation skills and public speaking as a vehicle for the discovery and artful presentation of truth, the promotion of responsible personal development, and the encouragement of constructive social action. Each speech needs to reflect Christian principles and present ethical ways to enhance audience participation and acceptance.

Prerequisite: COM 101.

Course fee: \$10.

COM 309

Argumentation and Persuasion: Theory and Practice 3 credit hours

An examination of reasoning skills with an emphasis on many of the fallacies used in argumentation today. Covers debate, both Lincoln/Douglas and cross examination, and explores the tactics of persuasion used by advertisers in both the print medium and television.

Prerequisite: COM 101.

COM 322

Interviewing 3 credit hours

The theory and practice of developing interviewing skills appropriate to a broad range of situations. Emphasis is on the interview as a communication process, a tool for management of communication effectiveness, a means of collecting and disseminating information by means of the media, and a strategy for research.

Prerequisite: COM 101.

COM 342**Communication Theory****3 credit hours**

A study of theories of communication, including intrapersonal, interpersonal, organizational, mass communication, nonverbal, and rhetorical. Encourages application of these theories to the present day situation so that students gain a greater understanding of all areas of communication and how each theory influences their lives.

Prerequisite: COM 101 or consent of instructor.

COM 409**Gender and Family****3 credit hours**

An examination of interpersonal and intrapersonal communication theories in light of current societal and historical Biblical considerations concerning gender and family relationships. Allows for an integration of theory and practicality in the communication process with special attention to the Christian responsibility of both the male and female and their roles in the family. Compares current research concerning the communication changes taking place in society today.

Prerequisite: COM 101.

COM 410**Discussion and Conference Leadership****3 credit hours**

A study of the theory and practice of group dynamics and the use of small groups in the processes of information-seeking and problem-solving. Includes examination of leadership styles. Students organize conferences and present seminars.

Prerequisite: COM 101.

COM 412**Training and Development****3 credit hours**

A theoretical and practical study of various training techniques, the field of training, how training is used in industry today, and the elements that constitute successful training in the development of successful organizations.

Prerequisite: COM 300.

Course fee: \$10.

COM 444**Advanced Interpersonal Communication****3 credit hours**

An examination of conflict reduction, listening, nonverbal communication, proxemics, self-disclosure, self-esteem, and other facets of interpersonal communication from a theoretical approach.

Prerequisites: COM 101 and 203.

COM 446**Business and Professional Speech****3 credit hours**

Covers public speaking and skills necessary for the contemporary professional. Focuses on the preparation and delivery of both mediated and unmediated speeches and covers both technical and non-technical presentations. Addresses communicating in the boardroom, staff meeting, or consultation arena and includes how to incorporate multimedia, such as PowerPoint. Students also compile a business portfolio.

Prerequisites: COM 101, 300, and 302.

COM 450**Teaching Communications Arts****3 credit hours**

A course designed to prepare communication arts education students with ideas and practical knowledge for the classroom. Focuses on materials and methods of teaching speech, drama, and related subject areas.

COM 498**Senior Paper Preparation****1 credit hour**

Discussion and exploration of possible topics and a review of research techniques and methods.

Prerequisites: Must be within three semesters of graduation; approval of instructor and departmental mentor.

COM 499**Research and Senior Paper/Project****2-3 credit hours**

Specialized research culminating in a senior paper and/or other approved project.

Prerequisites: COM 498, senior standing, and consent of department chair.

COM 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

COMPOSITION (COMP)

COMP 101**College Reading and Writing****3 credit hours**

Focuses on writing in response to readings and activities and on organization of essay writing, such as narration, description, illustration, and argumentation. Includes review of grammar and mechanics. Requires 24 hours of tutoring (two hours per week) in the Tutoring Center with an assigned tutor. (mjust receive a "C" or higher to continue in ENG 101.

Lab fee: \$30

COMP 102**Reading and Writing in the Liberal Arts****3 credit hours**

Writing based on selected readings. Emphasizes analytical thinking, critical reading, and ethical incorporation of sources. Includes a research paper. (This is the first of two reading and writing courses required in the general education curriculum. HONors sections are available for this course.)

Prerequisite: SAT Verbal score of at least 500 on traditional version; ACT English score of at least 22; TOEFL score of at least 550 on the written exam, completion of COMP 101 with at least a "C"; or 70% on ORU placement exam (available only for students without scores or COMP 101 grades).

COMP 303**Critical Reading and Writing****3 credit hours**

An advanced writing course emphasizing writing skills such as analysis, synthesis, and critique. Uses representative readings from a variety of fields with an emphasis on the literary arts. Exercises include critical reading, reasoning skills, and writing in response to a variety of readings, as well as writing assignments that incorporate summary, paraphrase, quotation, practice in argument and persuasion. (This is the second of two composition and reading courses required in the general education curriculum. Honors sections are available for this course.)

Prerequisites: Junior standing and COMP 102 or equivalent.

COMPUTER SCIENCE (CSC)

CSC 101**Computer Concepts****3 credit hours**

A general overview of competing ideas that provides an understanding of computers, computer technology, computer hardware and software, and how computers are used to produce meaningful and useful information. (Does not count toward a major or minor in computer science.)

CSC 111**Introduction to Computing****3 credit hours**

An introduction to the art of programming, including such concepts as data representation, algorithm design, structured programming, step-wise refinement, programming style, testing, debugging, and program documentation. An integral part of this course includes experience in the design and implementation of computer programs.

CSC 112**Microcomputer Applications in Business****3 credit hours**

An introduction to commercially available software packages commonly used in business environments. Representative packages include word processors, spreadsheets, and data bases. Provides a foundation for computer applications encountered in upper-level business courses. (Does not count toward a major or minor in computer science.)

CSC 231**Computers and Programming****3 credit hours**

A study of computer structure, machine language, instruction execution, addressing techniques, digital representation of data, computer systems organization, logic design, microprogramming, interpreters, symbolic coding, assembler language, macros, program segmentation and linkage, systems and utility programs, and programming techniques. Assigns computer projects to illustrate basic machine structure and programming techniques in assembler language throughout the course.

Prerequisite: CSC 111.

CSC 255**Data Structures****3 credit hours**

A study of the design of structures for representing information and the design of algorithms for manipulating that information. Expertise in the design of structures is developed through consideration of abstract structures and implementation techniques and implementing various structures in specific programming languages. Develops expertise in the design of algorithms by solving problems, including searching and sorting. Programming projects throughout the course provide a synthesis experience in which the student designs data structures and algorithms to solve a given problem.

Prerequisite: CSC 111.

CSC 300**Senior Paper/Project Preparation****1 credit hour**

Assists students in preparing for the senior paper/project and ePortfolio.

CSC 331**Computer Logic and Organization****3 credit hours**

The study and design of digital logic circuits and an introduction to computer systems organization. Topics include Boolean algebra, minimization techniques, combinational logic, sequential logic, digital arithmetic and arithmetic logic circuits, memory, input/output, and system organization.

Prerequisite: CSC 231

CSC 341**Internet Programming****3 credit hours**

Covers some topics encountered in developing applications for the Internet, including client-side and server-side technologies used in webpage development.

Prerequisite: CSC 255.

CSC 351**Operating Systems Principles****3 credit hours**

A study of operating systems, batch processing, multiprogramming, virtual machines, sequential and concurrent processes, process communication, mutual exclusion, synchronization primitives, deadlock, processor management, scheduling methods, memory management, overlaying, swapping, segmentation, paging, virtual memory, and security and protection.

Prerequisite: CSC 255.

CSC 353**Programming Languages****3 credit hours**

A study of the features of programming languages. The topics covered include a history of programming languages, formal definitions of syntax and semantics, binding times, data types, flow of control, subroutines, co-routines, concurrency, exception handling, and run-time representation of program data structures. In addition to a study of traditional imperative languages, trains students to adapt the mindset of alternative approaches to the programming process through programming exercises in string processing, functional, logic, and object-oriented languages.

Prerequisite: CSC 255.

CSC 375**Numerical Analysis****3 credit hours**

An introduction to the numerical algorithms fundamental to scientific computer applications. Topics include elementary error analysis and statistical analysis of numerical processes, numerical solutions of non-linear equations and linear systems of equations, polynomial interpolation, curve fitting, numerical integration and differentiation, and numerical solution of ordinary differential equations. Computer solutions to problems are emphasized.

Prerequisites: CSC 111 and MAT 211.

CSC 441**Data Communication****3 credit hours**

The study of concepts of data communication, network design, and distributed information systems.

Prerequisite: CSC 111.

CSC 450**Computer Science Internship****3 credit hours**

An exposure to the computer information industry in which a student works within an organization to better understand the basic skills required to secure a position

and advance in this industry. The student learns about the operation of different hardware and/or software components, uses and tests skills acquired in the classroom, gains confidence, and returns to campus with a better understanding of the competencies needed by a professional in the computer information industry. (Not counted toward a minor in computer science.)

CSC 451**Advanced Systems Programming****3 credit hours**

A study of the machine-level programming techniques needed for control-system programming, such as interrupt processing, input/output buffering, direct memory access, program traps, communications, polling, task queuing, multiprogramming, scheduling, priorities, foreground/background, real-time systems, and online systems.

Prerequisite: CSC 351.

CSC 453**Compiler Construction****3 credit hours**

A study of the details of automatic programming language translation. Topics include program language structures, translation, loading, execution, storage allocation, compilation of simple expressions, statements, organization of a compiler including compile-time and run-time symbol tables, lexical scan, syntax scan, object code generation, error diagnostics, object code optimization techniques, overall design and use of compiler writing languages, and bootstrapping.

Prerequisite: CSC 353.

CSC 454**Special Topics in Computer Science****1-3 credit hours**

Selected topics covered in the core curriculum considered in response to student interest and need. (May be repeated if subject matter is different.)

Prerequisite: Permission of department chair.

CSC 460**Object-Oriented Design****3 credit hours**

A study of object-oriented techniques that use the Unified Modeling Language (UML) notation for the analysis and design of software systems. Techniques for designing both the structural and behavioral aspects of software systems are emphasized. An exploration of detailed design methods to map a design into language constructs follows a discussion of design. The study is organized in incremental assignments that deal with the analysis, design, visualization, and construction of realistic software systems using UML software development.

Prerequisites: CSC 111, 255, 381, and 382.

Prerequisite or corequisite: CSC 455.

CSC 499**Senior Paper/Project****2 credit hours**

The design, implementation, and documentation of a substantial programming project or investigation into one of the topics in the discipline of computer science.

Prerequisite: CSC 300

CSC 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

DANCE PERFORMANCE (DANP)

DANP 100**Beginning Ballet****1-2 credit hours**

A study of beginning classical ballet techniques with emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)

Prerequisite: Permission of the department.

DANP 101**Beginning Modern Dance****1-2 credit hours**

A study of beginning modern dance technique with an emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)

Prerequisite: Permission of the department.

DANP 102**Beginning Related Dance Forms****1 credit hour**

A study of beginning dance forms other than ballet and modern dance technique. May include tap, pointe, hip-hop, jazz, variations, pas de deux, world dance, among others. (This class is designed for two semesters.)

Prerequisite: Permission of the department.

DANP 103**Ballet I****1-2 credit hours**

A study of elementary classical ballet techniques with emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)

Prerequisite: Permission of the department.

DANP 104**Modern Dance I****1-2 credit hours**

A study of elementary modern dance technique with an emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)

Prerequisite: Permission of the department.

DANP 105**Related Dance Forms I****1 credit hour**

A study of elementary dance forms other than ballet and modern dance technique. May include tap, pointe, hip-hop, jazz, variations, pas de deux, world dance, among others. (This class is designed for two semesters.)

Prerequisite: Permission of the department.

DANP 106**Dance Seminar****.5 credit hour**

A seminar covering pertinent subjects outside the scope of the other dance classes. Includes exercises, experiences, and guest artists from the dance world.

Prerequisite: Permission of the department.

DANP 107**Improvisation I****1 credit hour**

A class of movement exploration that involves elements of movement, use of props, solo and group work, cre-

ative problem solving, and individual creation of movement.

Prerequisite: Permission of the department.

DANP 108
Improvisation II
1 credit hour

Explores partnering, contact improvisation, improvisation as a creative tool for choreography, and performance improvisation.

Prerequisite: DANP 107 and permission of the department.

DANP 109
Dance Ensemble
0.5 credit hour

A practicum that includes concerts, festivals, workshops, and conferences both regionally and nationally. Gives credit to dancers participating in ORU's performing dance ensemble.

Prerequisite: Permission of the department.

DANP 125
History of Dance I
3 credit hours

A history and philosophy of dance up to the twentieth century and an introduction to dance as a career.

Prerequisite: Permission of the department.

DANP 203
Ballet II
1-2 credit hours

A study of intermediate classical ballet techniques with emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)

Prerequisites: DANP 100

DANP 204
Modern Dance II
1-2 credit hours

A study of intermediate modern dance technique with an emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)

Prerequisite: Permission of the department.

DANP 205
Related Dance Forms II
1 credit hour

A study of intermediate dance forms other than ballet and modern dance technique. May include tap, pointe, hip-hop, jazz, variations, pas de deux, world dance, among others. (This class is designed for two semesters.)

Prerequisite: Permission of the department.

DANP 207
Fundamentals of Choreography
2 credit hours

An introduction to the fundamentals of choreography exploring space, shape, effort, time, and design, with the creation of a solo work.

Prerequisite: Permission of the department.

DANP 230
Dance for Worship
1 credit hour

Explores ways of creating and utilizing dance in a worship experience. Considers the spiritual and artistic dynamics of dance worship and its practical application in a ministry setting. (Can be taken more than once.)

Prerequisite: Permission of the department.

DANP 303
Ballet III
1-2 credit hours

A study of advanced classical ballet techniques with emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)

Prerequisites: DANP 200 or permission of the department.

DANP 304
Modern Dance III
1-2 credit hours

A study of advanced modern dance technique with emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)

Prerequisite: Permission of the department.

DANP 305
Related Dance Forms III
1 credit hour

A study of advanced dance forms other than ballet and modern dance technique. May include tap, pointe, hip-hop, jazz, variations, pas de deux, world dance, among others. (This class is designed for two semesters.)

Prerequisite: Permission of the department.

DANP 307
Intermediate Choreography
2 credit hours

An intermediate study of choreography exploring small group composition.

Prerequisites: DANP 207 and permission of the department.

DANP 325
History of Dance II
3 credit hours

Combines history and philosophy of American dance, dance from the twentieth century to present day, and an introduction to dance in education.

Prerequisite: Permission of the department.

DANP 403
Ballet IV
1-2 credit hours

A study of pre-professional ballet techniques with emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)

Prerequisites: DANP 300 or permission of the department.

DANP 404
Modern Dance IV
1-2 credit hours

A study of pre-professional modern dance technique with emphasis on a foundation in body alignment, technique, and artistry. (This class is designed for two semesters.)

Prerequisite: Permission of the department.

DANP 406
Pedagogy I: Dance Techniques for Children
2 credit hours

Focuses on dance education theories and teaching methodologies for children, using National Dance Standards for Dance Education. Includes teaching practicum.

Prerequisite: Permission of the department.

DANP 407
Advanced Choreography
2 credit hours

An advanced study of choreography exploring large group composition.

Prerequisites: Permission of the department and DANP 304.

DANP 420
Performing Arts Management
3 credit hours

An overview of studio management, non-profit organizations, grant and proposal writing, concert production, and touring.

Prerequisite: Permission of the department.

DANP 426
Pedagogy II: Dance Techniques for Secondary Education
2 credit hours

Focuses on dance education theories and teaching methodologies for secondary school, using National Dance Standards for Dance Education. Includes teaching practicum.

Prerequisite: Permission of the department.

DANP 490
Senior Performance
3 credit hours

Designed for senior dance performance majors to demonstrate their strongest areas of interest including performance, choreography, teaching, studio management, dance ministry, arts education, arts integration, or performance/tour management.

Prerequisite: Permission of the department.

DANP 999
1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

DOCTOR OF MINISTRY (DMIN)

DMIN 711
Ministerial Identity and Personal Assessment
3 credit hours

Designed to help the student examine the role(s) of the minister, develop a profile of personal ministerial style, and articulate a description of his or her ministerial identity. Leads students into the development of personal goals for the doctor of ministry degree experience.

DMIN 712
Biblical Issues and Themes for Ministry
3 credit hours

Examines selected Biblical themes and relates them to the minister's understanding of mission and empowerment. Places emphasis upon the relationship of the themes to practical problems and opportunities of ministry.

DMIN 716
Ministry and Dynamics of the Holy Spirit
3 credit hours

Examines the distinctive approaches of Pentecostals/charismatics to the role of the Holy Spirit in the experiences of the believer and the Church. Exegetical study is interpreted theologically to assist the student in for-

mulating and enunciating a personal theology of charismatic ministry.

DMIN 717

Theological Issues and Themes for Ministry

3 credit hours

Explicates selected theological tenets of the Christian faith and applies them to various situations and contexts of ministry. Students receive insights and assistance in thinking theologically while addressing relevant issues.

DMIN 730

Missional Leadership Strategies for Today's Church

3 credit hours

Examines the principles and dynamics of church growth for implementation in the local church. Concepts and skills are developed that undergird the ministry of the church, both pastoral and missionary, and facilitate the task of evangelism and the incorporation of believers into Christian groups.

DMIN 732

Leading for Ministry Effectiveness

3 credit hours

Presents a concept of servant leadership based in the Scriptures and contemporary literature. Views the leader in various roles and relationships within the context of the local church or ministry. Gives assistance in determining the student's leadership and management styles. Stresses the integration of ministry and management.

DMIN 733

Healing Ministries in the 21st Century

3 credit hours

Guides the student in a comprehensive study of one of the distinctions of ORU. Examines the theological, historical, and practical dimensions of this topic. Examines various models and contexts for healing.

DMIN 735

Communicating the Gospel

3 credit hours

Examines the role of the minister as related to preaching and teaching. Explores societal trends for the purpose of influencing strategies of preaching and teaching in order to increase relevance and effectiveness.

DMIN 738

Principles of Supervision in Pastoral Care and Counseling

3 credit hours

Discusses common theologies, theories, and techniques of supervision. Uses written case studies and ethical dilemmas to engage students in developing a personal supervisory contract that can guide their own supervision and the supervision they provide to others.

DMIN 740

Clinical Pastoral Education

3 credit hours

An onsite clinical experience in which students work with clergy, pastoral counselors, or chaplains from various denominations. Incorporates a highly supervised process of ministering to people in clinical settings. (May be completed at any certified clinical pastoral education site with appropriate supervision.)

DMIN 749

Directed Study

3 credit hours

Research and writing under the supervision of a facul-

ty member. Topics need to be related to subject matter in the academic D.Min. curriculum and approved by the professor, advisor, and academic dean. Prerequisite: Approval of instructor and dean.

DMIN 752

Advanced Workshop for Marital and Family Therapy

3 credit hours

Discusses the latest research in marriage and family therapy. Special emphasis is placed on responding theologically and therapeutically to specific contemporary issues such as multiple family forms, sexual orientation, caring for aging parents, and marital infidelity. Also addresses preventative care, parent education, divorce recovery, and re-marital counseling.

DMIN 753

Advanced Workshop for Addictive Behaviors

3 credit hours

A workshop that uses the case study method to present students with vignettes that demonstrate differing addictive disorders. Students learn to make assessments, assess risks, and guide people through the change process. Includes an orientation to the 12-step methodology.

DMIN 761

Pastoral Care for Spiritual Formation

3 credit hours

Acquaints students with various models of spiritual formation and strategies for facilitating that development. Special attention is given to the framework of systems theory and the concept of second order change. Creating an environment conducive for spiritual formation and recognizing growth opportunities inherent in crises is emphasized. Class material is presented within the context of a Pentecostal/charismatic theology, with a focus on the major theme of Scripture—redemption.

DMIN 768

Pastoral Counseling in the 21st Century

3 credit hours

Using case studies that depict common pastoral counseling-related situations, students discuss what makes counseling pastoral. Students identify and evaluate perspectives of humanity and how they relate to pastoral counseling. Includes theological tasks of counseling and familiarity with specific techniques that orient students to the diverse 21st century church.

DMIN 770

Research Methods in Pastoral Care and Counseling

3 credit hours

An online course that prepares students for the research requirements of the applied ministry project. Students conduct a review of pastoral care and counseling literature and select and defend a research methodology designed to answer a specific research question.

DMIN 785

Foundations of Ministry Research

3 credit hours

Designed to help the student explore the possibilities and options of a selected problem for applied research. After a project concept is approved by faculty members as viable, the concept is shared with the class for peer evaluation, input, and approval. Also includes instructions for writing an applied research project proposal.

DMIN 786

Methods of Ministry Research

3 credit hours

An opportunity for students to offer reports of progress on applied research projects to peers and supervisors. The group is encouraged to critique the proposed research design and offer suggestions for improvement. Includes additional instruction in research design, gathering and treating data, and writing the final report.

DMIN 790

Research Project

0-1 credit hours

The implementation of an approved project proposal, the writing of a final report, and the oral defense before the student's project committee.

DMIN 791

Research Project Continuation

0-1 credit hours

Continuation of the research project.

DMIN 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

DRAMA (DRAM)

DRAM 105

Drama/Television/Film Performance Seminar

0-0.5 credit hours

A seminar including pertinent subjects, guest speakers from the entertainment industry, demonstrations, exercises, field trips, and experiences that are outside the scope of the other drama courses offered at ORU.

DRAM 107

Film Acting Technique

3 credit hours

An acting experience organized as a single-camera acting workshop. Provides the students opportunity to study single camera techniques, the studio rehearsal, and filming the scene. The students gain experience by rehearsing and acting in scenes that are videotaped.

DRAM 150

Drama in the Church

1 credit hour

An overview surveying current trends utilizing dramatic elements in a church setting. Includes a study of quality sketches, plays, creative dramatics, exercises, and interactive theatre. Discusses using drama in all facets of the church community.

DRAM 204

Playwriting for the Church

3 credit hours

Surveys the current styles and genres of short plays utilized in a church setting. Examines the basics of dramatic writing, including plot, conflict, format, characterization, and dialogue. Studies the process of developing a short play from concept to performance.

DRAM 205

Fundamentals of Acting

3 credit hours

Provides basic techniques and approaches to the art of

acting. Covers the fundamentals of stage terminology, stage movement, and improvisation.

DRAM 215
Introduction to Theatre
3 credit hours

A study of the various elements and functions of theatre in society. Focuses on becoming an intelligent artistic critic and evaluating art from a Christian perspective. Provides the student with an overall introduction to the theatre arts. Includes theatre as an art form, the basic elements of a play, the role of the critic, the audience, the scene designer, the director, the customer, and the director. Places special emphasis on developing evaluative skills while watching theatre. (Crosslisted with HUM 270.)

DRAM 216
Introduction to Technical Production
3 credit hours

Fundamentals of scenery construction with instruction and practice in stagecraft and lighting coordinated with university theatre productions.
Course fee: \$20.

DRAM 232
Acting Styles
3 credit hours

An advanced course requiring no background in styles of acting. Covers the history, background, and various acting styles of period dramas from the Greeks through the Comedy of Manners. Students rehearse and perform the various scenes in class.

DRAM 233
Theatrical Lighting Design and Technology
3 credit hours

Designed to expose the student to theatrical lighting design from theory to practice and to give a broad spectrum of knowledge of available lighting technology. Provides a foundation on which a student builds a theatrical lighting design experience.

DRAM 301
Acting for Musical Theatre
3 credit hours

Provides basic techniques and approaches to the art of acting for musical theatre. Emphasis on using acting tools to create expression through song. Students develop skills through stage performance with a classroom audience.

DRAM 304
Theatre History I
3 credit hours

A study of the history of theatre from the Greeks to Ibsen. The course provides an in-depth study of the plays, playwrights, physical theatre, social structure, and theatre criticism. Surveys the social, political, religious, and theatrical aspects of the various periods to better acquaint the student with these areas and their place in the development of modern drama.

DRAM 305
Theatre History II
3 credit hours

A historical study of the plays, playwrights, physical theatre, and specific theatre movements that characterize theatre from 1800 to the present.

DRAM 306
Advanced Acting
3 credit hours

An advanced study of acting that stimulates the actor's imagination, develops an analytical approach to creating a character, and exposes the student actor to various viewpoints on training and role preparation. Introduces the student to a method of breaking down speeches, scenes, and plays into units, sequences, and apogees. Through this comparative study, students develop their own acting techniques from a Christian perspective. Students use this practical analysis in a rehearsal and performance of an assigned final recital project.

Prerequisite: COM 205 for majors.

DRAM 336
Directing
3 credit hours

Covers the principles and theories of stage movement, blocking, casting, rehearsing, and performance. Lab work is coordinated with university theatre productions. Requires students to direct scenes for presentation to a live audience.

Prerequisite: COM 216 or consent of instructor.

DRAM 350
Radio Drama
3 credit hours

A workshop experience in radio drama in which students are exposed to both live radio drama as well as post production experience. Provides experience in microphone use, recording, editing, and mixing with Pro-Tools audio software.

Prerequisites: MMC 127, COM 205, MMC 345.

DRAM 403
Costume Design
3 credit hours

An introduction to the process of costume design. Includes studying design elements, production organization from a design perspective, and practical historical research. Places special emphasis on applying the principles of design to improving the student's appearance and self-image by relating these things to a relationship with God, Jesus, and the Holy Spirit.

DRAM 404
Theatrical Scene Design
3 credit hours

Designed to expose the student to theatrical scene design from theory to practice. Its purpose is to provide a foundation on which the student builds a theatrical design experience.

Prerequisite: DRAM 216.

DRAM 405
Makeup Design
3 credit hours

A study of the methods and materials utilized in stage makeup. The class utilizes "hands on" makeup projects to teach various theatrical styles. Special emphasis is on skin care and enhancing self-image as it relates to the student's identity in Christ.

DRAM 498
Senior Paper Preparation
1 credit hour

Discussion and exploration of possible topics and a review of research techniques and methods.

Prerequisites: Within three semesters of graduation and approval of instructor and departmental mentor.

DRAM 499
Research and Senior Paper/Project
2-3 credit hours

Specialized research culminating in a senior paper and/or other approved project.

Prerequisites: COM 498, senior standing, and consent of department chair.

DRAM 999
1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

EARLY CHILDHOOD EDUCATION (ECE)

ECE 212
Foundations of Early Childhood Education and Physical Development
3 credit hours

Addresses all aspects of physical growth and development for children from birth through age 8 as well as methods for supporting this development. Covers developmentally appropriate practice, advocacy, health, safety, nutrition, playground design, and physical education. (Includes a 10-hour practicum.)

ECE 250
Infant and Toddler Development
3 credit hours

A study of the physical, psychosocial, and cognitive development of children from birth through age two. Emphasizes parent and caregiver practices that promote optimal development. (Includes a 10-hour practicum.)

ECE 303
Symbol Development and Creativity of the Young Child
3 credit hours

Covers all aspects of symbol development and creativity including language, literacy, art, music, and drama for children from birth through age 8. Addresses special needs of the language-different child in the development of literacy. Both the research base and practical applications are addressed. Includes ten hours of practicum. (This is a writing-intensive course.)

ECE 313
Psychosocial Development and Guidance of the Young Child
3 credit hours

Examines the social, emotional, and moral development of the young child from birth through age 8. Investigates the research base and practical application of early childhood history, ethics, techniques for supporting psychosocial development, organizing and managing the early childhood classroom, and behavior problems ranging from normal to psychopathological. Both parent and community collaboration are considered. Includes ten hours of practicum.

ECE 323
Cognitive Development of the Young Child
3 credit hours

A study of the basic principles of cognitive growth and development of children from birth through age 8 as well as methods for guiding cognitive development.

Covers development and evaluation of curriculum, assessment principles, and specific methods and rationales for teaching math, science, and social studies. Includes ten hours of practicum.

ECE 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

ELECTRICAL ENGINEERING (EE)

EE 311

Network Analysis II

3 credit hours

Continuation of EGR 210. Topics covered include impulse and sinusoidal responses of second-order networks, two-port theory, design of filters, Fourier transforms and Laplace transforms. Includes application of MATLAB.

Prerequisite: EGR 210.

Course fee: \$35.

EE 321

Electronics I Lecture

3 credit hours

An introduction to the basic concepts underlying the analysis and design of circuits using diodes, transistors, and Field Effect Transistors. Includes bias stability of amplifiers, design of power amplifiers and power supplies, and frequency response of active circuits. (Crosslisted with PHY 321.)

Prerequisite: EGR 210.

Corequisite: EE 321 Lab.

EE 321

Electronics I Laboratory

1 credit hour

Companion lab to EE 321 Lecture. Covers measurements of the characteristics of semi-conductor devices and the analysis and design of single-stage BJT and FET amplifiers.

Corequisite: EE 321 Lecture.

Lab fee: \$55.

EE 322

Electronics II Lecture

3 credit hours

Continuation of EE 321. Topics include frequency analysis and design of amplifiers, analysis of operational amplifiers, design of operational amplifier based circuits, integrated circuits, analysis of feedback techniques, and design of active filters. Uses SPICE software.

Prerequisite: EE 321.

Corequisite: EE 322 Lab.

EE 322

Electronics II Laboratory

1 credit hour

The companion lab to EE 322 Lecture. Topics include frequency analysis and design of amplifiers, analysis of operational amplifiers, design of operational amplifier based circuits, integrated circuits, analysis of feedback techniques, and design of active filters. Uses SPICE software.

Corequisite: EE 322 Lecture.

Lab fee: \$55.

EE 325

Design With Standard Components

3 credit hours

An introduction to ASIC. Application of VHDL, FPGAs, and PLCs in digital systems design. A study and practice of practical design using available digital and analog components.

Prerequisite: EE 321.

Course fee: \$55.

EE 360

Electromagnetic Theory

3 credit hours

A study of electrostatics, electric and magnetic circuits and fields, electromagnetic induction, and Maxwell's equations in differential and integral forms.

Prerequisites: PHY 112 and MAT 211.

Course fee: \$35.

EE 361

Power Systems Analysis

3 credit hours

A study of symmetrical components, per-unit representation, transmission line analysis, power transformer analysis, synchronous machine analysis, and introductory computer power flow analysis.

Prerequisites: EGR 210 and EE 311

Course fee: \$55.

EE 363

Electromechanical Devices

3 credit hours

An introduction to electrical machines and transformers. Direct and alternating current machines are reduced to equivalent circuits.

Prerequisite: EGR 210.

Course fee: \$35.

EE 450

Special Topics

3 credit hours

Courses of special interest taught as needed.

Prerequisite: Instructor's permission.

Course fee: \$35.

EE 462

Design of Power Systems

3 credit hours

A study of the design of power systems using extensive computer analysis. Topics include balanced and unbalanced faults, system protection, system performance, and load flow studies.

Prerequisite: EE 361.

Course fee: \$35.

EE 495

Directed Study

1-3 credit hours

A directed study of problems of limited scope approved on an individual basis. Written and/or oral presentation may be required.

Prerequisites: Arrangement with professor and approval of department chair.

EE 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

ENGINEERING (EGR)

EGR 100

Engineering/Physics Seminar

0 credit hour

A discussion of current topics and practical aspects of engineering and engineering physics. (Engineering and engineering physics majors are required to enroll in this course every semester.)

EGR 101

Introduction to Engineering

2 credit hours

An introduction to the profession of engineering. Topics include problem solving, engineering design of simple electrical and mechanical systems, introduction to the use of computers in engineering, and introduction to economics and ethics of engineering practice.

Course fee: \$55.

EGR 140

Engineering Graphics

2 credit hours

Preparation of engineering drawings using 2-D and/or 3-D computer-aided design (CAD) packages.

Course fee: \$55.

EGR 210

Network Analysis I Lecture

3 credit hours

Designed to provide beginning engineering students with knowledge of the fundamentals and methods of analysis of electrical networks consisting of passive components (resistors, inductors, capacitors) and sources (voltage, current).

Prerequisite: PHY 112.

Corequisites: MAT 211 and EGR 210 Lab.

EGR 210

Network Analysis I Laboratory

1 credit hour

Experiments designed to demonstrate principles discussed in EGR 210 Lecture, including measurement of resistance, voltage, current, and step responses of first- and second-order networks.

Corequisite: EGR 210 Lecture.

Lab fee: \$55.

EGR 221

Mechanics I: Statics

3 credit hours

A study of statics of particles and rigid bodies; equilibrium of rigid bodies; concentrated and distributed force systems; shear and bending moment stresses in beams and other rigid bodies; force analysis of machines, frames, and trusses; force resultants using vectors in two and three dimensions; friction forces; center of gravity; moments of inertia. (Crosslisted with PHY 311)

Prerequisites: PHY 111 Lecture and Lab; MAT 202.

Course fee: \$55.

EGR 222

Mechanics II: Dynamics

3 credit hours

A study of the dynamics of particles and systems of particles; rectilinear kinematics and curvilinear motion, relative motion of two particles, Newton's laws of motion; work and energy; impulse and momentum; planar kinematics and kinetics of a rigid body; and vibrations.

Prerequisite: EGR 221. (Crosslisted with PHY 312.)

Course fee: \$35.

EGR 231**Heat and Thermodynamics****3 credit hours**

A course in thermodynamics, including first and second law, thermometry, kinetic theory, thermodynamic property relations, ideal gas mixtures, and elementary power and refrigeration cycle analyses. Includes lab experiments.

Prerequisites: PHY 111 Lecture and Lab and MAT 202.

Course fee: \$55.

EGR 252**Engineering Computational Methods****3 credit hours**

A basic computer course for students in engineering. Topics include learning the C programming language, use of Matlab computer package, and problem solving techniques such as numerical integration, simultaneous equations, and polynomial roots.

Prerequisite or corequisite: MAT 201.

Course fee: \$55.

EGR 330**Control Systems****3 credit hours**

Analysis and design of first- and second-order linear feedback control systems. Presents both classical and modern techniques. Topics discussed include Laplace transforms, transfer functions, Bode, Nyquist, and root-locus methods, signal flow diagrams, state equations, and stability.

Prerequisites: EGR 210, EGR 222, and MAT 211.

Course fee: \$55.

EGR 331**Design of Control Systems****3 credit hours**

An introduction to the design of automatic control systems. Includes design projects based on the theory learned in EGR 330. Introduces robust and digital control systems.

Prerequisite: EGR 330.

Course fee: \$55.

EGR 461**Engineering Management and Economy****2 credit hours**

A study of the management of engineering projects and a consideration of investments and economic analysis as applied to engineering.

Prerequisite: Senior standing.

Course fee: \$35.

EGR 498**Senior Design and Research I****2 credit hours**

First part of a two-semester, project-oriented course. Topics include research techniques, time management, patent searches, and manufacturing. Oral and written presentations are required at various stages. Student teams apply the design process by developing a project from research and proposal through construction and testing.

Corequisite: Senior standing.

Course fee: \$55.

EGR 499**Senior Design and Research II****2 credit hours**

A continuation of EGR 498. Student teams apply the design process by developing a project through construction and testing. Requires oral presentations and a written report. (Crosslisted with PHY 499.)

Prerequisite: EGR 498.

Course fee: \$55.

EGR 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

ELEMENTARY EDUCATION (ELE)

ELE 314**Reading and Language Arts****3-4 credit hours**

A study of the scope and sequence of skill development in language arts (listening, speaking, reading, writing, viewing and visually representing for students in grades 1-6). Emphasizes the interrelationship of language arts with the entire elementary curriculum, thus using an integrated teaching approach.

ELE 323**Children's Literature and the Library****3 credit hours**

Acquaints the student with outstanding authors and illustrators of the best literature for children, with emphasis on meeting emotional, intellectual, and aesthetic needs. Includes library use.

ELE 344**Elementary Reading Methods****4 credit hours**

A study of the major approaches to reading instruction in elementary grades 1 through 8. Presents methods and materials as a means of developing the student's awareness of the reading process. The practicum component provides an opportunity to observe 30 hours of reading/language arts instruction in an elementary classroom.

Prerequisite: ELE 314.

ELE 403**Literacy Assessment with Clinical Experience****3 credit hours**

Includes interpretation of tests and data, placement of individuals, and the diagnosis and assessment of reading disabilities. Addresses the development of case reports, including recommendations and remediation; corrective and remedial instruction utilizing appropriate materials and methods for individuals having reading problems; and instruction designed to accommodate student needs through special techniques and adaptations of instructional materials.

Prerequisites: ELE 314 and 344.

ELE 490**Research in Elementary Education****1-3 credit hours**

A course designed to provide the student with an opportunity to select readings in education that pertain to the degree program. Special activities and/or projects may be suggested by the professor.

ELE 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

ENGLISH (ENG)

ENG 201**Introduction to Literature****3 credit hours**

An introductory course designed for English and writing majors, emphasizing analysis skills and techniques for writing about literature. Uses representative readings from fiction, poetry, and drama, with an emphasis on the elements of literature. Includes reading from various genres, exploring critical approaches, and writing analytical and evaluative essays.

Prerequisite: ENG 101.

ENG 307**Culture and the Christian Imagination****3 credit hours**

An interdisciplinary study in theology and the arts. Explores various Christian approaches to art and aesthetics. Readings and course projects are designed to help students develop critical thinking and writing skills by studying various art forms, specifically the visual arts, literature, music, and film. Fosters a Christ-centered approach to the arts and a mature understanding of how Christian doctrines (e.g., creation, the Fall, Incarnation, and stewardship) are relevant to understanding the arts, how the modern Church can express its deepest truths through art, and how the arts, in general, can be ways of experiencing God and life more fully.

ENG 309**Young Adult Literature****3 credit hours**

Explores literature for and about the young adult. Includes critical study and evaluation of the genre, examination of the themes found in the literature, examination of authors and award-winning books found in the literature, and the selection of the literature for use in school programs.

ENG 310**World Literature****3 credit hours**

A study of selected authors, themes, and trends representing literature outside the American and British realms. Emphasizes modern literatures of Continental Europe, Asia, Africa, and Latin America.

ENG 311**English Literature I****3 credit hours**

A survey of major authors and works of English literature from Old English to the Romantic period (1798).

ENG 312**English Literature II****3 credit hours**

A survey of major authors and works of English literature from the Romantic period (1798) to the present.

ENG 315**African-American Literature****3 credit hours**

Explores African-American literature from 1619 to present times, beginning with the oral tradition. Genres include narrative, songs, poetry, short stories, commentaries, letters, and essay. Explores spiritual themes in the literature.

ENG 323**American Literature I****3 credit hours**

A survey of the major authors and works of American literature from the Puritan period to the mid-nineteenth century.

ENG 324**American Literature II****3 credit hours**

A survey of the major authors and works of American literature from the mid-nineteenth century to the present.

ENG 351**Shakespeare****3 credit hours**

A study of Shakespeare's comedies, histories, and tragedies, with attention given to the development of the drama, the intellectual history of the Renaissance, and modern literary criticism.

ENG 352**Major Writers****3 credit hours**

A study of major writers in the English language. The focus of the course varies from semester to semester, but each involves an in-depth study of a major author, such as John Milton, C.S. Lewis, D.H. Lawrence, and J.R.R. Tolkien. (May be taken twice for credit.)

ENG 359**English Medieval Period: 650-1500****3 credit hours**

A survey of English literature during the Middle Ages, including both poetry and prose. Special emphasis is on the Medieval mystics and Arthurian romance.

ENG 370**American Romantic Period****3 credit hours**

A study of representative authors of the Romantic Period in American literature (1820-1865). Focuses on the complex social, cultural, and political forces at work in these writings and in the Romantic movement in general, especially the influences of the earlier Romantic period in English literature (1798-1832).

ENG 371**American Realists and Naturalists****3 credit hours**

A study of the major authors of the Realism/Naturalism period in American literature (1865-1915). Focuses on the complex social, cultural, and political forces at work in these writings and in the American literature of the period in general.

ENG 420**English Romantic Period: 1798-1832****3 credit hours**

A study of the lives, characteristics, and works of writers in the English Romantic Period. Discusses how the writings of this period influenced the Victorian writers.

ENG 421**English Victorian Period****3 credit hours**

A survey of English literature during the Victorian Period, including both poetry and prose. Special emphasis is placed on the PreRaphaelite movement as well as the intertextual framework that existed between art and literature.

ENG 436**Contemporary Literature****3 credit hours**

A study of contemporary literature of the English language with emphasis on American fiction.

ENG 440**The Modern Period****3 credit hours**

A study of representative authors of the Modern Period in Irish and British literature (1914-1950). Includes Modernism as an international artistic movement that followed the Romantic and Realist movements.

ENG 450**Literary Criticism****3 credit hours**

A study of the history of literary criticism and the important modern critical approaches and theories. Focuses on written exercises of the type expected of literary students, scholars, and critics.

ENG 451**Seminar****3 credit hours**

A seminar examining aspects of literature, such as a genre or literary movement not covered in other English courses. Includes class discussion, research, and the presentation of papers. Examples of seminar subjects include early Christian literature, science fiction and fantasy, wilderness writings, minority literature, and women's literature. (May be taken twice for credit.)

ENG 470**Teaching English****3 credit hours**

A course designed to prepare English majors with ideas and practical knowledge for the secondary level (middle and senior high school levels) English classroom. Focuses on methods of teaching literature, composition, grammar and related subjects to current American students of varied backgrounds. A short practicum is required.

ENG 499**Senior Paper/Composition****3 credit hours**

The second of a two-course senior paper sequence. The course culminates in the presentation of an in-depth research paper written for an academic audience. Prerequisites: Senior standing and a grade of C or better in ENG 490.

ENG 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

ENTREPRENEURSHIP (ENT)

ENT 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

ENGLISH AS A SECOND LANGUAGE (ESL)

ESL 303**TESL Principles****3 credit hours**

A study of the basic principles of language learning and teaching, including a comparison of first and second language acquisition, instructional and learner variables, and methodological implications. Includes a 10-hours practicum. (Crosslisted with TESL 503.)

ESL 315**Descriptive Linguistics****3 credit hours**

A general introduction to the field of descriptive linguistics, including phonetics, morphology, and syntax, especially as they relate to the second language teacher. Includes a 10-hours practicum. (Crosslisted with TESL 515.)

ESL 316**Sociolinguistics****3 credit hours**

An introduction to the social use of language, especially as it relates to the second language teacher. Topics include aspects of semantics, discourse analysis, language variations, and social and political implications of language use. (Crosslisted with TESL 516.)

ESL 343**TESL Methods and Materials****3 credit hours**

A survey and production of TESL techniques and teaching materials. Students receive training in presentation procedures used to teach ESL effectively. (Crosslisted with TESL 543.)

ESL 353**TESL Curriculum Design****3 credit hours**

An overview of the field of instructional design and curriculum development with a special emphasis on curriculum for English as a second language. (Crosslisted with TESL 553.)

ESL 393**TESL Assessment****3 credit hours**

An examination of the principles of testing and evaluation as applied to the acquisition of English as a second language. Emphasizes testing skills needed by the classroom teacher. Also covers the principles, procedures, and basic terminology of educational research to aid the classroom teacher in the interpretation of research. (Crosslisted with TESL 593.)

ESL 413**Cross-Cultural Communication****3 credit hours**

An overview of the field of cross-cultural communication, including theories and models, major concepts, terminology, and current research. Also emphasizes effective interpersonal communication and teaching in the multicultural classroom. (Crosslisted with TESL 513.)

ESL 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

ENVIRONMENTAL ENGINEERING (EVE)

EVE 410

Environmental Engineering 3 credit hours

A survey of various global systems threatened by human misuse and contamination. Presents engineering strategies and solutions used to prevent pollution and remediate contaminated media that endanger the health and welfare of humans and animals alike.

Prerequisite: EVR 350 Lecture and Lab

Course fee: \$30

EVE 420

Hydrology 3 credit hours

A study of the movement of water through the natural hydrologic cycle. It includes consideration of atmospheric precipitation, flow of water overland and through channels, infiltration into porous media, groundwater flow, and evaporation back to the atmosphere. The goals of hydrologic study are the prevention and direction of flooding, the location and retrieval of groundwater, and the prevention and remediation of water pollution.

Course fee: \$30

EVE 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

ENVIRONMENTAL SCIENCE (EVR)

EVR 350

Environmental Science Lecture 3 credit hours

A study of the physical and chemical factors that control the extent of contamination of Earth's physical environment. Emphasizes soil, water, and air pollution and the chemical cycles that govern movement of pollutants from one environmental sector to another.

Corequisite: EVR 350 Laboratory.

EVR 350

Environmental Science Laboratory 1 credit hour

Demonstrates the practical and technical aspects of data acquisition for environmental analysis.

Corequisite: EVR 350 Lecture.

Lab fee: \$30.

EVR 450

Current Global Issues Seminar 3 credit hours

A forum for investigation of unresolved issues posing current environmental threats. Readings are from current publications and events.

Prerequisites: EVR 350 Lecture and lab.

EVR 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

ENVIRONMENTAL SCIENCE (EVR)

EVR 201

Global Development and Sustainability 3 credit hours

A survey of various global systems threatened by human misuse and contamination. Presents strategies and tools used to prevent or reduce pollution with the goal of protecting vulnerable culture groups and restoring damage ecosystems.

EVR 350

Environmental Science Lecture 3 credit hours

A study of the physical and chemical factors that control the extent of contamination of Earth's physical environment. Emphasizes soil, water, and air pollution and the chemical cycles that govern movement of pollutants from one environmental sector to another.

Prerequisite: One of the following: PSC 101, PSC 201, BIO 101, or CHE 101.

Corequisite: EVR 350 Laboratory.

EVR 350

Environmental Science Laboratory 1 credit hour

Demonstrates the practical and technical aspects of data acquisition for environmental analysis.

Corequisite: EVR 350 Lecture.

Lab fee: \$30.

EVR 450

Current Global Issues Seminar 3 credit hours

A forum for investigation of unresolved issues posing current environmental threats. Readings are from current publications and events.

Prerequisites: EVR 350 Lecture and lab.

EVR 499

Senior Paper 3 credit hours

Directed individual study in research and writing required for the senior paper.

EVR 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

FIELD EDUCATION (FED)

FED 501

Teaching Methodology 0 credit hour

Prepares graduate fellows who serve as teaching assistants (TAs) in undergraduate theology classes to minister spiritually as well as academically to students in their discussion classes.

FED 672

Field Education (Church) 1.5 credit hours

A course enabling the student to integrate and employ Biblical/theological principles, practices of ministry, and charismatic empowerment in diverse contexts of super-

vised ministry in the local institutional church and in consultation-reflection groups in order to achieve competency in functioning as an effective minister of the Gospel.

Prerequisites: PRM 673 and 50% of degree program hours.

Course fees: Background check, \$25.50; liability insurance, \$15.

FED 673

Field Education (Community) 1.5 credit hours

Supervised experiences of ministry beyond the congregation of the local institutional church. Such ministries may be sponsored by a local church, parachurch organization, or community social agency. The student also integrates and employs Biblical/theological principles, practices of ministry, and charismatic empowerment in community settings and in consultation-reflection groups.

Prerequisites: PRM 673 and 50% of degree program hours.

Course fees: Background check, \$25.50; liability insurance, \$15.

FED 750

Ministry Practicum 3 credit hours

Provides the senior master of arts (in practical theology) student with practical experience in ministerial responsibilities and in a broad range of roles performed by the professional minister. Trainees gain competence in essential areas of local church ministry.

Prerequisites: PRM 673, 50% of degree program hours, and M.A. candidate in Practical Theology.

Course fees: Background check, \$25.50; liability insurance, \$15.

FED 781

Pastoral Internship 3 credit hours

Supervised ministry in a local church setting to provide opportunity for development of understanding of personal ministry gifts with appropriate support and evaluation.

Prerequisite: PRM 673 and completion of the field education requirements.

Course fees: Background check, \$25.50; liability insurance, \$15.

FED 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

FINANCE (FIN)

FIN 244

Personal Financial Planning 3 credit hours

Studies the areas of macro and micro finance, including such topics as business cycle analysis, ratio analysis, cash flow analysis, percent of sales method, discounted cash flow, stock and bond valuation techniques, analysis of risk, cost of capital, capital budgeting, operating and financial leverage, dividend policy, and derivatives. (Crosslisted with GBUS 556.)

Prerequisite: Undergraduate course in financial management.

FIN 303**Money and Banking Finance
3 credit hours**

A study of money and its functions, institutional banking, central banking, and the operational aspects of monetary policy. Also covers the definition and function of money in coordinating monetary policy; financial institutions, financial markets, and interest rates; the banking industry and its regulation; central banking and the functions of the Federal Reserve in conducting monetary policy; and the globalization of financial markets and institutions.

Prerequisites: BUS 201 and 202.

FIN 338**Financial Management
3 credit hours**

A study of the basic principles and theories of business finance including the tax environment, cash-flow analysis, working capital management, effects of financial and operational leverage, capital budgeting, cost of capital analysis, investment banking, mergers, acquisitions, reorganizations, and liquidations.

Prerequisites: ACT 216, BUS 202, and MAT 232.

FIN 418**Investments
3 credit hours**

Designed to serve investors who are or will be actively developing and monitoring their own investment portfolios. Includes techniques, vehicles, and strategies for implementing investment goals in a portfolio context and in light of risk-return trade-offs. Includes an overview of personal finance and investments and specific investment topics such as common stocks, mutual funds, commodities, and real estate. Emphasizes using Value Line Investment Survey to evaluate common stocks and Morningstar's Mutual Fund Value to evaluate mutual funds.

Prerequisite: Junior or senior status.

FIN 428**Bank Management
3 credit hours**

A study of various aspects of managing a commercial bank, covering topics of interest for potential bank investors, borrowers, and lenders.

Prerequisite: FIN 338.

FIN 438**Advanced Financial Management
3 credit hours**

A study of the acquisition and allocation of long-term sources of funds, emphasizing problems of measuring and influencing the cost of capital and the administration of fund-raising for nonfinancial corporations. Includes an examination of techniques to correctly consider cash-flow changes resulting from applications of long-term funds along with the effects of alternative investment decision rules. (Crosslisted with GFIN 550.)

Prerequisite: FIN 338.

FIN 451**Finance Internship
1-3 credit hours**

A special problem in finance for the student of special ability in lieu of a regular course. It is also possible, upon receiving written approval from the instructor, to obtain an on-the-job apprenticeship for one semester to provide data for writing a formal paper. (Credit received is determined by the nature and scope of the project.)

Prerequisite: Finance majors only.

FIN 452**Corporate Financial Decision Making
3 credit hours**

An application of the principles learned in the basic financial management course to real-world problems. The case study method is used. Students learn to develop skills in analyzing problems and recommending solutions. Students make presentations of their recommended solutions individually and as part of a team.

Prerequisite: FIN 338.

FIN 460**International Financial Management
3 credit hours**

Financial analysis and decision-making considerations of multinational corporations. Emphasis is on developing a conceptual understanding of the environmental factors that affect the decisions of financial managers in a global context.

Prerequisite: FIN 338 with a grade of "C" or better.

FIN 461**Capital Markets
3 credit hours**

An introduction to the methods of securing growth financing through domestic and global private capital markets. (Crosslisted with GFIN 561.)

Prerequisite: FIN 338.

FIN 472**Principles of Estate Planning
3 credit hours**

An overview of estate planning in light of the federal transfer tax system including federal gift taxation, federal and state estate taxation, and federal generation-skipping transfer taxation. Examines various forms of property ownership and introduces various tools and planning strategies that minimize the cost, fees, taxes, and time delays associated with the transfers of those various ownerships and the related tax implications. (Crosslisted with GFIN 572.)

FIN 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

FRENCH (FRE)**FRE 101****Elementary French I
5 credit hours**

A course for those desiring to begin a second language. Covers intensive oral work, grammar, and composition. (This course does not count toward the bachelor of arts language requirement, a minor, or major, but can be used for elective credit.)

Lab fee: \$40.

FRE 102**Elementary French II
5 credit hours**

A continuation of FRE 101.

Prerequisite: FRE 101 or demonstrated proficiency.

Lab fee: \$40.

FRE 203**Intermediate French I
3 credit hours**

Continued study of French with review of grammar and composition. Includes selected readings in addition to

text. (Honors sections available.)

Prerequisite: Proficiency examination or FRE 102.

Lab fee: \$40.

FRE 204**Intermediate French II
3 credit hours**

An intensive practical conversational workshop. Grammar review with emphasis on spoken French.

Prerequisite: FRE 203.

FRE 219**Travel Study
3 credit hours**

A three-week trip to a French-speaking country. Includes an in-depth study of French history, geography, and art as well as opportunities for ministry in many churches. Students learn everyday customs while living with French families and have an opportunity to put grammar principles to practical use. (May substitute for FRE 203.)

Prerequisite: FRE 102 or demonstrated proficiency.

FRE 301**French Phonetics and Conversation
3 credit hours**

Instruction in advanced conversation for proficiency with practical phonetics and drills for improvement of students' aural-oral skills. Focuses on particular problem areas for English speakers. (Taught in French.)

Prerequisite: FRE 204 or equivalent.

FRE 302**French Composition
3 credit hours**

A course to develop writing skills using applied stylistic analysis and practical compositional exercises. (Taught in French.)

Prerequisite: FRE 301.

FRE 303**Survey of French Literature I
3 credit hours**

A study of the beginnings of French literature and its development up to the time of the French Revolution. (Taught in French.)

Prerequisite: FRE 204 or equivalent.

FRE 304**Survey of French Literature II
3 credit hours**

A study of the development of French literature following the Revolutionary period. (Taught in French.)

Prerequisite: FRE 204 or equivalent.

FRE 305**French Civilization and Culture
3 credit hours**

A study of the historical, political, and cultural development of France with emphasis on contemporary aspects. (Taught in French.)

Prerequisite: FRE 204 or equivalent.

FRE 306**Business French
4 credit hours**

A study of French in its application to business, including terminology with respect to office procedures and international marketing. (Taught primarily in French.)

Prerequisite: FRE 204.

FRE 407**Age of the Philosophers****3 credit hours**

A study of French literature of the 18th century with emphasis on the philosophic and humanistic spirit in France until the French Revolution. (Taught in French.)

Prerequisite: FRE 303 or 304.

FRE 408**French Romanticism (1790-1850)****3 credit hours**

A study of pre-Romantic and Romantic French literature. (Taught in French.)

Prerequisite: FRE 303 or 304.

FRE 450**Internship****1-3 credit hours**

Systematic and supervised practicum in a French-speaking community. Application of French oral communication and writing skills. Credit varies, depending on time involved on-site.

Prerequisites: FRE 204; permission of the department.

FRE 451**Special Readings****1-3 credit hours**

Special readings course in French to cover general or specific areas as determined by the professor to meet the need of the student.

Prerequisites: French major, arrangement with professor, and departmental permission.

FRE 457**Methods for Modern Language****Curriculum Instruction****3 credit hours**

A course designed to provide foreign language majors with concepts needed for language learning and instruction. Includes the historical background of the teaching of modern language. Discusses Foreign Language in the Elementary School (FLES), immersion programs, and issues concerning high school programs. (Crosslisted with GER 457 and SPA 457.)

FRE 498**Senior Paper Bibliography****1 credit hour**

Research bibliography investigation to be completed with annotated bibliography, detailed outline, and introductory chapter of the senior paper. (This is the first of two senior paper courses.)

Prerequisite: French major; permission of the instructor and the department.

FRE 499**Senior Paper****2 credit hours**

Directed individual study for seniors pursuing research and the writing of the required senior paper. (This is the second of the two senior paper courses.)

Prerequisite: FRE 498.

FRE 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GRADUATE ACCOUNTING (GACT)

GACT 500**Internship****1-3 credit hours**

A practicum in which the student works one-on-one with an employer to make recommendations for improvement in the work force. The student's work includes both a closely supervised environment and projects of personal initiative.

Prerequisite: A minimum of 12 hours of leveling and/or graduate courses.

GACT 527**Intermediate Accounting I****3 credit hours**

A comprehensive study of intermediate accounting theory and technique. Emphasizes financial statement relationships with a balance sheet approach to the study. The course moves from the most current and liquid categories to the least current along balance-sheet lines covering all of the major balance sheet classifications and account groupings individually and in depth. The first in a two-course sequence, it covers roughly one-half of the comprehensive intermediate accounting volumes. (Crosslisted with ACT 327.)

Prerequisite: ACT 216.

GACT 528**Intermediate Accounting II****3 credit hours**

A continuation of the study of intermediate theory, which includes proper coverage of any official pronouncements of the FASB or other official bodies of the AICPA. Includes the balance sheet approach to the systematic study of the theory as well as the analysis of financial statements. (Crosslisted with ACT 328.)

Prerequisite: GACT 527.

GACT 532**Advanced Accounting I****3 credit hours**

An in-depth study of business combinations, consolidated financial statements, and accounting for partnership creation, operation, dissolution, and liquidation. Emphasizes worksheet techniques for the preparation of consolidated statements. (Crosslisted with ACT 462.)

Prerequisite: ACT 328 or GACT 528.

GACT 533**Managerial Cost Accounting****3 credit hours**

A study of basic cost relationships, cost systems design, variance analysis, CVP analysis, and standard costing techniques. Considers the relative income effects of alternative product-costing methods together with relevant cost evaluations and inventory planning and control techniques. (Crosslisted with ACT 432.)

Prerequisite: ACT 216.

GACT 539**Auditing****3 credit hours**

A course designed to acquaint the student with the theoretical knowledge to successfully perform the attest function. Although practical knowledge is best acquired while working with actual records, problems and case studies are used extensively to give practical exposure

to the student. (Crosslisted with GACT 539.)

Prerequisite: ACT 328.

GACT 542**Federal Income Tax Accounting****3 credit hours**

A study of personal federal income tax accounting designed primarily to acquaint the student with both an exhaustive study of personal income tax and a brief explanation of the basic differences between the personal income tax regulations and the corporate income tax regulations. (Crosslisted with ACT 442.)

Prerequisite: ACT 216.

GACT 543**Advanced Income Tax Accounting****3 credit hours**

Continued study of the Internal Revenue Code and regulations considering advanced aspects of income, deductions, exclusions, and credits as they relate to partnerships, corporations, LLCs, and LLPs. The course includes problems that require research utilizing return preparation software and various tax reference services. (Crosslisted with ACT 443)

Prerequisite: GACT 542.

GACT 562**Managerial Accounting****3 credit hours**

A focus on the reporting, planning, and control of business activity. The student learns to analyze the effects of various decisions on external financial statements, develop and use a managerial accounting system that provides the foundation for responsibility accounting. Emphasizes developing computer spreadsheets to analyze the financial impact of management decisions.

Prerequisite: ACT 216.

GACT 563**Advanced Accounting II****3 credit hours**

Completes the study of financial accounting theory begun in GACT 532. Covers various topics with primary emphasis on not-for-profit accounting (for government, universities, hospitals, and voluntary organizations), fiduciary accounting (for estates, trusts, and insolvent companies), and advanced financial statement presentations (interim reporting, foreign currency transactions, financial statements, segment reporting, and accounting for derivatives). (Crosslisted with ACT 463.)

Prerequisites: ACT 327 or GACT 527; ACT 328 or GACT 528 is recommended, but not required.

GACT 564**Becker CPA--Regulation****1 credit hour**

A review of business law topics most pertinent to professional accountants (e.g. contracts, sales transactions, commercial paper, agencies, bankruptcy, and legal liability) and a review of tax issues, including those related to individuals, partnerships, corporations, and estates. (Crosslisted with ACT 464.)

Prerequisites: BUS 326 and ACT 442 or GACT 542.

GACT 565**Becker CPA--Business****1 credit hour**

A review of business organizations, business cycles, economics, financial analysis, information systems, and managerial accounting issues that are most pertinent to professional accountants. (Crosslisted with ACT 465.)

Prerequisites: BUS 202, FIN 338, and ACT 432 or GACT 533.

GACT 566**Becker CPA—Financial****1 credit hour**

A review of financial statements and all transactions related to their preparation. Topics include accounting for corporations, state and local governments, and other not-for-profit organizations. (Crosslisted with ACT 466.) Prerequisites: ACT 328 or GACT 528.

GACT 567**Becker CPA—Auditing****1 credit hour**

A review of the attestation procedures and all reports prepared by professional accountants related to the attestation function. Topics include all reporting requirements, professional standards, internal control, transaction cycles, and evidential matter. (Crosslisted with ACT 467.) Prerequisites: ACT 439 or GACT 539.

GACT 570**Accounting Information Systems****3 credit hours**

Examines accounting information systems as an integrated framework within a business entity. Highlighted topics include data retrieval for report preparation, evaluation of accounting information systems, and the design of charts of accounts. Discusses the role of accounting systems, controls, and auditing. (Crosslisted with ACT 435.)

Prerequisite: ACT 216.

GACT 571**Estate and Gift Taxation****3 credit hours**

A broad overview of the federal transfer tax system including federal gift taxation, federal and state estate taxation, and federal generation-skipping transfer taxation. The course examines various forms of property ownership, transfers of those various ownerships, and related tax implications. (Crosslisted with ACT 471.) Prerequisites: ACT 215, 216, and 327 with grades of C or better. (Crosslisted with ACT 471.)

GACT 580**Nonprofit Accounting and Finance****3 credit hours**

An overview of accounting and finance concepts as they pertain to nonprofit organizations. Emphasizes the balance sheet, cash flow statement, and accounting and finance systems for non-financial managers, administrators, and employees of nonprofit organizations. Special consideration is given to managerial skills required to sustain and enhance the performance of nonprofit organizations through the accounting and finance process of reporting, compliance, research, analysis, interpretation, and application.

GACT 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GRADUATE ADMINISTRATION (GADM)

GADM 700**Leadership Studies****3 credit hours**

A study of the theories, nature, styles, and skills of leadership, utilizing historic and contemporary models and emphasizing moral roots of responsible leadership. Stresses those leadership techniques and strategic decisions involved in leading, managing, and transforming organizations.

GADM 701**Contemporary Curriculum Issues****3 credit hours**

An integrated study of the critical social, political, and economic issues confronting contemporary educational leaders. Emphasizes the impact of these issues on current and evolving curricular theories and practices in public and private schools.

GADM 703**Comparative Education****3 credit hours**

A study of the role of history and culture in the development of educational systems within major countries and regions of the world. Emphasizes the comparison of those systems and their achievements to that of education in the United States.

GADM 800**Organizational Theory in Administration****3 credit hours**

An examination of the nature and behavior of organizations and personnel. Reviews and applies various concepts and theoretical frameworks underlying the administration of organization to the educational setting.

Prerequisites: Admission to graduate education and superintendent certification program or Ed.D. program and permission of instructor.

GADM 805**The Superintendency****3 credit hours**

An integration of theory and practice related to the roles and responsibilities of the superintendent. Emphasizes obtaining knowledge and developing skills to effectively perform the general requirements of the superintendency.

GADM 810**Strategies for Educational Change****3 credit hours**

An overview and analysis of the change process in education with emphasis on various strategies for planning and implementing change within educational organizations.

GADM 820**Superintendent's Role in Personnel Management and Evaluation****3 credit hours**

An exploration and evaluation of the relationships between administrators and other school personnel with an emphasis on the management of human resources in the educational setting. Reviews the processes, procedures, and techniques necessary for an effective personnel management program.

GADM 830**Business Management Practices in Education****3 credit hours**

An assessment of all aspects of the fiscal and resource management concepts and techniques used in the operation of educational organizations. Emphasizes the development of knowledge and skills in several areas including budgeting, purchasing, accounting, maintenance, and operations.

GADM 835**Resource Development****3 credit hours**

An extensive review of concepts and procedures utilized in the financing of private schools, Christian schools, and private colleges. Emphasizes all aspects of the operations of a development office needed for planning and conducting fundraising campaigns. (Offered online only.)

GADM 840**School Facility Planning****3 credit hours**

An in-depth review of all aspects of school physical plant operations including planning, constructing, utilizing, and maintaining school facilities. Emphasizes the preparation of administrators to plan and manage a complete school facilities program.

GADM 845**Administration and Supervision of Programs for Exceptional Individuals****3 credit hours**

A review and analysis of the characteristics, needs, and problems related to educating the exceptional learner. Emphasizes planning, implementing, supervising, and evaluating appropriate legal educational placements for exceptional individuals.

GADM 850**Legal, Political, and Ethical Issues in Educational Administration****3 credit hours**

An integral analysis of the historical and contemporary legal, political, and ethical issues of public and private schooling, with an emphasis on national and state constitutional provisions, the political environment, laws, and court cases. Explores political, social, economic, and multicultural factors in the context of educational organizations and their constituent communities.

GADM 855**Instructional Theory and Practice****3 credit hours**

An analysis of the theory and philosophy of selected instructional strategies in both public and private schooling. Applies research based principles and practices to the evaluation of teaching and learning.

GADM 860**Instructional Technologies in Education****3 credit hours**

A review of the historical background, current issues, and future trends influencing the theoretical and practical uses of instructional technology. Uses a systematic approach stressing selection, evaluation, and classroom integration of instructional technology into the teaching and learning process. (Offered online only.)

GADM 865**Education in the Adult Lifespan****3 credit hours**

An introduction to the concepts and experiences relat-

ed to the physical, psychological, emotional, cognitive, social, and spiritual development of the individual from young adulthood to maturity. Includes developmental issues related to the self, family, society, work, retirement, aging, and death.

GADM 870
Quantitative Research
3 credit hours

Covers the creation and analysis of quantitative data used to carry out the objectives of research. Emphasizes the assumptions of the various methods, the relationship between the given method and the level(s) of measurement of the independent and dependent variables, and the relationship of research design to the given analytical method.

GADM 875
Qualitative Research
3 credit hours

Designed to acquaint the student with qualitative methods commonly used in educational research. Emphasis is on design features, scholarly rigor, and evaluation of selected studies. Students also implement data collection and analysis for a selected qualitative method. (Offered online only.)

GADM 880
Practicum in International Education
3 credit hours

Provides the student with the opportunity to become involved in a program of international education, which allows interaction with the peoples and culture of a specific region. Emphasis includes the historical, philosophical, cultural, and political aspects of this society as it relates to the education of its citizenry. The course enables the student to develop a mission-oriented and Biblically based worldview relative to the education of children and adults.

Prerequisites: Acceptance into the graduate program and permission of the professor.

GADM 882
Holy Spirit in Education
2 credit hours

An inquiry into and an examination of Spirit-directed education. The role of the Holy Spirit in education is viewed from both a historical and a current perspective. Studies the application of the person, function, and gifts of the Holy Spirit in education and the Christian distinctives of the educational process, along with the roles that the Church, schools, colleges, and universities play in the learning processes.

GADM 885
Internship in Educational Leadership
1-3 credit hours

Specifically structured to permit interns to integrate theory and practice in a field-based setting under the guidance of an experienced cooperating administrator serving as a mentor. Provides the intern with a variety of meaningful leadership experiences in actual school-based settings. The experiences are coordinated by the university supervisor in consultation with the cooperating administrator.

GADM 900
Doctoral Dissertation
8 credit hours

The research (either a qualitative or quantitative) and writing of a dissertation that reports, evaluates, interprets, and synthesizes the results of that research. The purpose of the dissertation is to produce new knowledge, new materials, or new methods in the student's

field of specialization. The project is to be meaningful to the student and provide evidence of familiarity with past and current research in the field.

Prerequisites: Acceptance and approval of the dissertation prospectus by the candidate's dissertation committee, the chair of the Graduate School of Education, and the Dean of the School of Education.

GADM 901
Dissertation Prospectus Seminar
1 credit hour

Designed to provide the doctoral student with guidelines, requirements, and procedures for completion of written and oral doctoral comprehensive examinations and for preparing the prospectus for the dissertation to be submitted for approval by the student's Doctoral Advisory Committee, the Graduate Chair, and the Dean of the School of Education. The course also gives instruction on writing and defending the doctoral dissertation, as well as steps leading through graduation.

Prerequisites: Completion of doctoral core and research courses; admittance to the doctoral program; advisor's approval; a signed Statement of Understanding for the Procedures and Requirements of the Ed.D.

GADM 920
Directed Study
1-3 credit hours

Allows students to pursue relevant educational literature and to conduct research projects that pertain to their degree programs and special interests. It also provides opportunities for students to examine existing studies, reports, and documents relevant to an area of interest and combine them into an insightful paper or a project.

Prerequisites: Doctoral standing and permission of the professor.

GADM 999
1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GRADUATE BIBLICAL LITERATURE (GBIB)

GBIB 500
Greek Synthesis I
3 credit hours

An introduction to the forms and functions of the nominal and verbal systems of New Testament Greek. Emphasizes vocabulary building and basic translation. (This is the first of two courses.)

GBIB 501
Greek Synthesis II
3 credit hours

A continuation of GBIB 500. An introduction to the structure and functions of clauses focusing upon the significance of grammatical forms and translation of portions of the Greek New Testament.

Prerequisite: GBIB 500.

GBIB 505
Introduction to Old Testament Literature
3 credit hours

A historical-thematic survey of the Old Testament. Examines the content of the Old Testament, with emphasis on the cultural, historical, and geographical background to the text.

GBIB 506
Introduction to New Testament Literature
3 credit hours

A historical-thematic survey of the New Testament. Examines the content of the New Testament, with emphasis on the cultural, historical, and geographical background of the text.

GBIB 507
Biblical Hermeneutics
3 credit hours

A study of the problems and methods of Biblical interpretation, including the factors of presuppositions, grammatical relationships and historical context, vocabulary, and figurative language.

GBIB 510
Hebrew Synthesis I
3 credit hours

A basic introduction to Biblical Hebrew. Includes a survey of grammar, morphology, and syntax, taught by a combined inductive and deductive method. As the grammatical elements are learned, they are applied through the reading of Biblical passages.

GBIB 511
Hebrew Synthesis II
3 credit hours

A continuation of Hebrew Synthesis I with an increasing emphasis on reading the Hebrew text of the Old Testament. It completes the student's preparation for basic Hebrew exegetical and hermeneutical study of the Old Testament.

Prerequisite: GBIB 510.

GBIB 516
Biblical Eschatology
3 credit hours

A study of Old and New Testament teachings on eschatology, including those aspects of the Kingdom of God that are already present and those yet to be fulfilled. Specific attention is given to concepts such as eschatological Gospel, Messiah, *parousia*, second coming, resurrection, rapture, tribulation, millennium, judgment, signs of times, the Kingdom of God, and the present age and age to come.

GBIB 517
Paul: Mission and Message
3 credit hours

A study of the life, missionary journeys, and major theological themes of the Apostle Paul evidenced in his letters and Acts. Includes application to the contemporary church.

GBIB 551
Old Testament Synthesis
3 credit hours

An introduction to critical areas of Old Testament study. Includes some background in history and geography.

GBIB 552
Historical Geography of Palestine
3 credit hours

A study of the geography and history of Palestine since antiquity, especially in relation to the nation of Israel and the Early Church. Includes study of other civilizations as they relate to Palestine.

GBIB 556
Jesus in the Synoptic Gospels
3 credit hours

A study of the Synoptic Gospels designed to enhance

understanding of the person, message, and mission of Jesus in His Jewish milieu. Includes the distinctive aspects of each evangelist's portrayal of Jesus.

GBIB 561
Old Testament Hermeneutics and Exegesis (Hebrew)
3 credit hours

An exegetical study of selected Old Testament passages. Involves sound exegetical method and critical problems and hermeneutics of the passages. Includes doctrinal significance.
 Prerequisites: GBIB 511 and proficiency in Hebrew as demonstrated by examination PRF 052.

GBIB 571
New Testament Synthesis
3 credit hours

Examines the content of each document in the New Testament canon, a collection of texts that possesses unity and diversity of message. Each text is carefully studied by examining its cultural and historical background.

GBIB 573
I Corinthians
3 credit hours

An exegetical course that focuses on the contextual interpretation and contemporary application of insights and themes in the epistle. (Satisfies the prerequisite for any upper-level English Bible course.)

GBIB 581
New Testament Hermeneutics and Exegesis (Greek)
3 credit hours

An exegetical study of selected New Testament passages. Involves sound exegetical method and critical problems and hermeneutics of the passages. Includes doctrinal significance.
 Prerequisite: GBIB 501 and proficiency in Greek as demonstrated by examination PRF 053.

GBIB 583
The Parables of Jesus in Their Jewish Context
3 credit hours

An examination of the parables of Jesus in light of their Jewish background. Studies rabbinic parables to understand the teaching methods of Jesus. Includes cultural, historical, and theological settings of the Gospel parables in light of the teachings of the Jewish people during the period.

GBIB 589
History and Culture of New Testament Times
3 credit hours

Studies in the historical-cultural backgrounds of the New Testament. Focuses on the distinctiveness of New Testament Christianity as well as the historical and cultural forces at work in its development.

GBIB 608
Eighth Century Prophets
3 credit hours

A study of the prophetic literature of the eighth century against its historical background. Includes a comparison of the prophets, noting similarities and differences in approach, content, purpose, and style.
 Prerequisite: GBIB 505 or 551.

GBIB 609
Exilic Prophets
3 credit hours

A study of the Hebrew prophets immediately before, during, and after the Exile. Emphasizes the effects of the Exile experience.
 Prerequisite: GBIB 505 or 551.

GBIB 611
Theology of the Old Testament
3 credit hours

A survey of the major doctrines of the Old Testament with special reference to their historical development within the political and religious institution of ancient Israel.
 Prerequisite: GBIB 505 or 551.

GBIB 618
Matthew (Greek)
3 credit hours

An advanced course in translation and exegesis of the Greek text. Considers the Jewish and Hellenistic background of the Gospel text and analyzes the grammar and syntax—including Semitisms and Greek idioms—in the translation. The style, central theological themes, and narrative unity of the text is emphasized in the exegesis.
 Prerequisite: GBIB 581.

GBIB 619
Romans (English)
3 credit hours

Exegesis of the epistle with emphasis on the central theological themes and their relevance and application to issues of the contemporary church.

GBIB 621
Theology of the New Testament
3 credit hours

A study of major themes and doctrines contained in the New Testament. Emphasizes the contributions of the various Biblical books to the unity of the New Testament.
 Prerequisite: GBIB 506 or GBIB 571.

GBIB 623
Galatians and James: Law and Gospel
3 credit hours

An exegetical study focusing upon Galatians and James. Emphasizes the relationship between Law and Gospel and the ethical implications derived from these two distinct expressions of the Christian faith.

GBIB 624
Luke
3 credit hours

An exegetical study of Luke's version of the message and mission of Jesus. Gives attention to both Jesus' Jewish context and Luke's presentation to the Gentiles. Includes application of central themes to the modern world and church.

GBIB 625
Gospel and Letters of John
3 credit hours

Exegesis of the Gospel and letters of John with explanation of the major theological themes and contemporary application.

GBIB 626
The Book of Acts
3 credit hours

An exegetical study of the book of Acts with emphasis on major historical developments and theological themes contained in the text. Considers the composition, struc-

ture, and historical milieu of the book in preparation for the exegesis. Includes application and assessment of the exegetical insights for the contemporary church.

GBIB 628
Patterns of Ministry in the New Testament
3 credit hours

An examination of the Biblical pattern of ministry as revealed in pertinent New Testament passages and in the practices of representative ministries, particularly that of Paul.
 Prerequisite: GBIB 506 or 571.

GBIB 630
Pastoral Epistles
3 credit hours

An intensive study of the epistles to Timothy and Titus, with special reference to the doctrinal teaching and the Church's situation as reflected in these writings. Includes critical problems pertaining to authorship, historical background, and contemporary application of the teachings of these epistles.
 Prerequisite: GBIB 506 or 571.

GBIB 632
Isaiah (Hebrew)
3 credit hours

An advanced reading and grammar course. Emphasizes vocabulary, syntax, and grammar. The grammar is used inductively as the need arises in the reading and translation of the text. Selected texts are translated and examined grammatically and historically in order to acquaint the student with the style, literary genre, and doctrine of the book.
 Prerequisites: GBIB 561.

GBIB 633
Pentateuch (Hebrew)
3 credit hours

Concentrates on selected passages from the Pentateuch. Emphasizes exegetical methods and grammar. Gives attention to critical problems.
 Prerequisites: GBIB 561.

GBIB 634
Wisdom Literature
3 credit hours

An examination of the origins of the Wisdom tradition and the adaptation of the tradition within the faith of Israel. A study of the literary sources illustrates the relationship between Old Testament Wisdom and the universal wisdom traditions of the ancient Near East.
 Prerequisites: GBIB 505 or 551.

GBIB 635
Theophanies/Hebrew Scripture (Hebrew)
3 credit hours

An intermediate-level course in reading and grammar. Emphasizes vocabulary, syntax, and grammar. The grammar is studied inductively as the need arises in the reading and translation of the texts. Selected texts are translated and examined grammatically and historically in order to acquaint the student with the language, style, and literary genres of theophanies in the Hebrew Scriptures.
 Prerequisites: GBIB 561.

GBIB 636
Exodus (Hebrew)
3 credit hours

An advanced Hebrew reading class. Studies selected texts from the Book of Exodus in light of their historical

and cultural background. The student is encouraged to develop linguistic skills as the questions of Hebrew grammar are examined.
Prerequisites: GBIB 561.

GBIB 637
Deuteronomy (Hebrew)
3 credit hours

Concentrates on the oral reading and interpretation of the Hebrew text of the book of Deuteronomy.
Prerequisites: GBIB 561.

GBIB 645
Biblical Archaeology
3 credit hours

An introduction to the purpose and methods of archaeology and a study of selected sites in western Asia and the Aegean. Stresses the significance of these excavations for Biblical study.

GBIB 646
Ancient Near East Civilization
3 credit hours

A study of civilization in the Near East from the rise of Mesopotamia and Egypt to the end of the first century A.D. Emphasizes the geography, history, writing, art, and institutions of this period. Focuses on western Asia and the Mediterranean.

GBIB 648
Israel Travel Seminar
3 credit hours

Explores the land of the Bible through field experience, expert guiding with scholarly precision, and directed study of the cultural background of early Christianity. Students participate in a specialized tour of the Holy Land as they study the Bible.

GBIB 657
Old Testament History
3 credit hours

A course designed to examine ancient Israel in its historical and cultural milieu. Focuses on the period from the Patriarchs to the fall of Jerusalem to the Babylonians. Includes the origin and development of Israel's political and religious institutions.
Prerequisites: GBIB 505 or 551.

GBIB 663
Syriac
3 credit hours

A study of Syriac, also called "Christian" Aramaic. Because of its close relationship to the Aramaic portions of the Masoretic text of the Old Testament, the study of Syriac provides a valuable introduction to both Old and New Testament studies.
Prerequisite: Proficiency in Hebrew. PRF 052.

GBIB 676
Pauline Theology and Early Jewish Thought
3 credit hours

Examines the cultural and historical background to the life and teachings of Paul the Apostle. Focuses on Paul's cultural environment and the early Jewish sources, which can shed light on his thought and teachings.
Prerequisite: GBIB 506 or 571.

GBIB 682
Synoptic Gospels (Greek)
3 credit hours

Concentrates on Jesus—the man, the mission, and the message—revealed in the Synoptic Gospels (Greek).

Various hermeneutical approaches and interpretations are considered in aiding the student to fashion his or her own understanding. Discusses the relevance of Jesus and His mission and message for the student, church, and society today.
Prerequisite: GBIB 581.

GBIB 683
Mark (Greek)
3 credit hours

Translation and exegesis of selected pericopes concerning the authoritative person, teachings, and deeds of Jesus. Gives attention to Mark's unique portrayal of Jesus to readers in his church and today.
Prerequisites: GBIB 571 and 581.

GBIB 684
Charismata in Early Christianity
3 credit hours

A study of the significance and function of charismata in early Christianity, focusing on the cultural background of the Early Church and the texts of the Old and New Testaments, post-Biblical Jewish sources, and the Apostolic Fathers.

GBIB 688
The Jewish Background to the Gospels
3 credit hours

A study of the historical, cultural, and religious background to the life and teachings of Jesus in light of early Jewish sources. Examines post-Biblical Jewish literature to gain fresh insights into the Gospels and message of Jesus.
Prerequisite: GBIB 506 or 571.

GBIB 692
Parables of Jesus
3 credit hours

Scientifically examines the cultural and historical background to parables of Jesus as presented in the texts of the Gospels. Includes rabbinic parables and other early Jewish sources that can shed light on the teachings of Jesus. Studies the parables, taken from popular oral teaching, as a unique genre in literature.
Prerequisite: GBIB 506 or 571.

GBIB 697
Jewish and Christian Prayer in the Time of Jesus
3 credit hours

A study of the form, content, and structure of prayers in their historical context as prayed by the Jewish people and the Early Church. Examines the prayers of Jesus and the Early Church in light of Jewish prayers and blessings in the rabbinic literature, the Pseudepigrapha, the Apocrypha, and the Dead Sea Scrolls.
Prerequisite: GBIB 506 or 571.

GBIB 704
Psalms (Hebrew)
3 credit hours

An exegetical study of selected representative Psalms. Includes a study of the principles of Hebrew poetry and the general structure and content of the Psalter. Emphasizes their theological significance and value for Christian living and worship.
Prerequisite: GBIB 561.

GBIB 712
Akkadian
3 credit hours

An introduction to the fundamentals of Akkadian, a cognate language to Hebrew. An inductive approach using

the Code of Hammurabi. Designed to help the student better understand the culture and literature of the Ancient Near East and the background of the Old Testament.

GBIB 714
Ugaritic
3 credit hours

An introduction to the Ugaritic language and literature of ancient Ugarit in Northern Syria. Includes reading Ugaritic epics and myths and analyzing their influence on the poetry and prose of the Bible.

GBIB 715
The Bible and Midrash (Hebrew)
3 credit hours

An advanced Hebrew reading course designed to teach the student basic translation skills for Mishnaic Hebrew and introduce the student to Qumranic Hebrew. Includes selected reading from rabbinic literature and the Dead Sea Scrolls.
Prerequisite: GBIB 561.

GBIB 729
Colossians/Ephesians (Greek)
3 credit hours

A course designed to be primarily a translation and detailed exegesis of the original text of these epistles, with special attention given to grammar, interpretation, and application. Examines the composition, authorship, interrelationships, and purposes of the two letters in their historical settings in preparation for the exegesis.
Prerequisite: GBIB 581.

GBIB 744
Septuagint (Greek and Hebrew)
3 credit hours

An introduction to the Septuagint version of the Old Testament. Includes an overview of its history, importance for textual studies, influence upon other versions of the Bible and on the New Testament, and its distinctive theological presuppositions.
Prerequisites: GBIB 561 and 581; and Greek and Hebrew language proficiencies (PRF 052 and 053).

GBIB 749
Directed Study
1-3 credit hours

A directed course of research and writing under the supervision of a faculty member. Topics must be approved by the professor, advisor, and academic dean and related to the use of practical theology.
Prerequisite: Permission of instructor.

GBIB 754
Coptic Studies
3 credit hours

A study of the Sahidic dialect of Coptic. Instruction focuses on grammar, syntax, and vocabulary. Students study Christian literature from the 4th century A.D.
Prerequisite: Admission to the academic master of arts program.

GBIB 755
Classical Egyptian
3 credit hours

A study of the fundamentals of the language of the hieroglyphs. Concentrates on the hieroglyphic script and writings from the Middle Kingdom period.
Prerequisite: GBIB 511.

GBIB 756**Thesis Research****1 credit hour**

Directed individual systematic research in preparation for the writing of a thesis.

Prerequisite: Admission to the Master of Arts in Biblical Literature program.

GBIB 757**Thesis Writing****2 credit hours**

Directed individual systematic research culminating in the writing of a thesis.

Prerequisites: GBIB 756; Admission to the Master of Arts in Biblical Literature program.

GBIB 761**Advanced Syriac****3 credit hours**

A critical comparison of the Greek and Syriac texts of the Gospels. This is a research course with special attention given to the issue of Greek translation.

Prerequisites: GBIB 663, Proficiency in Hebrew PRF 052 and Proficiency in Greek 053.

GBIB 764**Biblical Aramaic****3 credit hours**

An inductive and deductive study of the Aramaic portions of the Old Testament, with emphasis on grammar and translation.

Prerequisite: GBIB 511 or 561; Proficiency in Hebrew PRF 052.

GBIB 766**Introduction to Rabbinic Thought and Literature****3 credit hours**

An introduction to the field of Rabbinical Studies.

Prerequisite: GBIB 551 or 571.

GBIB 767**Seminar in Old Testament****3 credit hours**

A course focusing on various aspects of Old Testament studies. Topics vary.

GBIB 768**Epistle to the Hebrews****3 credit hours**

A study of the message of the book with consideration of its Old Testament parallels, Jewish-Christian perspective, and relationship to the Pauline corpus.

Prerequisites: GBIB 506, 571 or 581.

GBIB 769**Seminar in New Testament****3 credit hours**

Investigation of selected contemporary issues in New Testament studies.

Prerequisites: GBIB 506, 571 or 581.

GBIB 774**Jewish Apocalyptic Literature****3 credit hours**

Examines the cultural setting and the historical circumstances that gave rise to the Jewish apocalyptic literature. Studies selected apocalyptic literature from the Old Testament as well as the Apocrypha and Pseudepigrapha.

Prerequisite: GBIB 551 or 571.

GBIB 777**Exegesis of Romans (Greek)****3 credit hours**

An advanced exegesis course that analyzes and interprets the New Testament letter of Paul to the Romans. The course views the epistle in its historical setting and applies its insights and themes to the modern Christian church and society.

Prerequisites: GBIB 571 and 581.

GBIB 787**Cross/Resurrection in the New Testament (Greek)****3 credit hours**

A study of the historical-theological theme of cross/resurrection in the New Testament. Emphasizes translation and exegesis of the primary passages in the Greek text pertaining to this dual motif.

Prerequisite: GBIB 571 and 581.

GBIB 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GRADUATE BUSINESS (GBUS)

GBUS 500**Internship****1-3 credit hours**

A practicum in which the student works one-on-one with an employer to make recommendations for improvement in the work force. The student's work includes both a closely supervised environment and projects of personal initiative.

Prerequisite: Twelve hours of leveling and/or graduate courses.

GBUS 504**Communications in Contemporary Business****3 credit hours**

Designed to expose the graduate student to all areas of business communications necessary for the contemporary professional. Focuses on written communication, public speaking, mediation, group facilitation, assessment techniques, consulting, and event coordination. Addresses communicating in the boardroom, staff meeting, or consultation arenas.

Prerequisite: Permission of Graduate Business.

GBUS 550**Legal Issues of Nonprofit Organizations****2 credit hours**

Provides the students with a basic grounding in the laws and regulations governing nonprofit organizations. Includes procedures for incorporating, reporting, and maintaining tax-exempt status as a nonprofit organization, a familiarity with legal principles and research methods, and an overview of the legal, regulatory, and policy issues facing contemporary nonprofit organizations.

GBUS 556**Personal Financial Planning****2 credit hours**

Studies the areas of macro and micro finance, including such topics as business cycle analysis, ratio analysis, cash flow analysis, percent of sales method, dis-

counted cash flow, stock and bond valuation techniques, analysis of risk, cost of capital, capital budgeting, operating and financial leverage, dividend policy, and derivatives. (Crosslisted with FIN 244.)

Prerequisite: Undergraduate course in financial management.

GBUS 565**Strategic Management****2-3 credit hours**

The capstone course of the M.B.A. and M.NFP. programs. Emphasizes the integration of accounting, finance, management, and marketing within the framework of policy, organization and behavioral theory, problem identification, decision making, oral and written skills, strategy, confidence, and the ability to develop positive corrective-action techniques. (3 credit hours for M.B.A. students; 2 credit hours for M.NFP. students.)

Prerequisite or corequisite for M.NFP. students: GBUS 504.

Prerequisites for M.NFP. students: GMGT 561 and GMKT 564 with a grade of C or better; completion of 18 hours toward the Master of Not-for-Profit Management degree with a cumulative GPA of 3.0 or better; and capability of creating case presentations using multimedia computer software.

Prerequisites for M.B.A. students: GMGT 561, GACT 562, GFIN 563, and GMKT 564 with a grade of C or better and capability of creating case presentations using multimedia computer software.

Corequisite: GBUS 566, for M.B.A. students only.

GBUS 566**Management Simulation****1 credit hour**

A capstone course emphasizing the integration of the following areas: accounting, finance, management, and marketing within the framework of policy, organizational and behavioral theory, problem identification, decision-making, oral and written skills, strategy, confidence, and the ability to develop positive corrective-action techniques. Instruction is provided through individual case presentations and a management simulation problem.

Prerequisite: Permission of instructor.

Corequisite: GBUS 565.

GBUS 567**Technology and Business****3 Credit Hours**

Surveys information technologies and discusses their applications in business. Covers how common business processes and decision making can be streamlined augmented, and enhanced by the selection, implementation, and proper application of appropriate technologies. Includes synthesis of course material into a working project proposal for a real or hypothetical organization.

GBUS 572**Business Ethics****2 credit hours**

A study of the interrelationships among individuals, business firms, service industries, nonprofit organizations, churches, and government in American society. Focuses on the issues and problems that confront the leaders exercising social responsibility and examines the nature and objectives of selected public policies impinging on business. Includes a comprehensive analysis and synthesis of philosophies that determine cultural values and an evaluation in terms of the student's own personal value system. Addresses management's role in upholding Christian principles as it inter-

acts with government and society. (Crosslisted with BUS 372.)

GBUS 574

Competitive Business Intelligence 2 credit hours

A survey of the use of sophisticated information resources to access relevant and reliable data vital to sound business decision-making. Students are expected to develop strong teamwork and leadership skills in the ethical identification, evaluation, and use of these resources. Students also interact with industry leaders, including presenting their competitive intelligence research findings.

GBUS 582

Managerial Economics 3 credit hours

Analysis of the basic premises of both macroeconomic and microeconomic theory, including production, price, distribution, and interrelationships with the national economy. Emphasizes applications in managerial economics and economic forecasting.

Prerequisite: BUS 201.

User license: \$30.

GBUS 598

Research Methodology 3 credit hours

Designed to provide students with an understanding of basic research techniques and the investigation of problems oriented toward current management situations. This includes research design, sampling techniques, and quantitative methods for analyzing data. The statistical tools learned in GMGT 585 are used to perform statistical analysis.

GBUS 599

Research 1-3 credit hours

An opportunity to demonstrate research skills by conducting original research under the direction of a faculty member. Requires data collection, data analysis, and data synthesis resulting in a research paper.

Prerequisites: GBUS 504, 585, 598, and MBA core.

GBUS 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GRADUATE CHRISTIAN SCHOOL EDUCATION (GCSE)

GCSE 511

Christian Worldview in the 21st Century 3 credit hours

A study of the Christian worldview and how it should form the conceptual foundation for human thought and action within a culture of competing worldviews. In a time of growing anti-intellectualism in the church and marginalization of Christianity in society, this course provides the understanding necessary to effectively communicate the truth of Christianity so that society can be transformed. Addresses practical application of Biblical principles to current cultural issues. (Crosslisted with IS 301.)

GCSE 533

Survey of Christian School Curriculum 3 credit hours

An examination of the major Christian publishing houses offering total subject curricula, as well as noteworthy Christian curricula in selected subject areas. Includes instruction in the role of curriculum materials in the Christian schools and strategies for their selection, implementation, development, and maintenance. (Offered in Summer Institute only.)

GCSE 603

Guidance and Counseling in the Christian School Setting 3 credit hours

A survey course designed to introduce students to a Christian school guidance program. Students learn about the needs, design, facets, and effective means of implementing a program. (Offered by correspondence only.)

GCSE 613

Organization and Administration of Christian Schools 3 credit hours

Defines and analyzes the administrator's role in Christian schools. Gives attention to developing the leadership competencies needed for organizing, administering, supervising, and evaluating educational personnel and programs. Includes simulated problem-solving.

GCSE 643

Issues in Education 3 credit hours

A study of current issues in education. Focuses on those significantly affecting national, international, public, and private schools, and emphasizes analyzing the current and future roles of Christian school education and educators. Includes, but is not limited to, the following topics: Christian school challenges; personal/professional issues affecting classroom teachers; legal and societal pressures; the changing scene in the public sector; and state, national, and global concerns and influences in education. Specific topics may vary from year to year. (Offered online only.)

GCSE 673

Internship (Curriculum) 3 credit hours

Examines the effectiveness of current curricula through active participation in innovative elementary Christian schools. Provides opportunities to create unique designs.

GCSE 683

Internship (Administration) 3 credit hours

Provides opportunities to observe Christian school educational programs and to integrate theories of administration with administrative practices. Each student is assigned to a practicing administrator in a model Christian school.

GCSE 684

Internship 3 credit hours

A continuation of GCSE 683.

GCSE 690

Directed Study 1-3 credit hours

Directed individual or group study in the area of Christian school education.

GCSE 693

Thesis 3 credit hours

Provides culminating experience for the M.A. in Education candidate. The candidate conducts a special investigation of an approved problem using appropriate research methods, submits the written thesis, and orally defends it in the presence of the candidate's thesis committee. The thesis must be original in the field of education and original with the candidate.

Prerequisites: Completion of a prospectus and arrangement with the chair of the student's thesis committee.

GCSE 713

Educational Leadership and Supervision 3 credit hours

A presentation of Biblical principles and practices of leadership and supervision within the context of improving instruction, enhancing outcomes of learning, and developing relationship skills. Covers characteristics of leaders, significance of vision and supervision, analysis of teacher effectiveness, and survey of staff development programs. Stresses assessment of personal attributes of leadership and application of leadership strategies. (Offered in Summer Institute only.)

GCSE 723

Administration of College and Higher Education 3 credit hours

Examines the scope of the organization and administration of higher education institutions. Helps professionals in higher education develop and refine competencies to enhance administrative skills and performance. Designed to help those active in administrative processes and functions in higher education institutions, regardless of size, to survive and prosper in the 21st century.

GCSE 724

Governance and History of College and Higher Education 3 credit hours

Examines the scope of the governance and history of higher education institutions. Helps professionals in higher education develop and refine competencies to enhance administrative skills and performance. Designed to help those active in administrative processes and functions in higher education institutions, regardless of size, to survive and prosper in the 21st century.

GCSE 725

Bible School Foundations 3 credit hours

Addresses administrative and educational issues in establishing a Bible institute in the United States or abroad. Examines various models for Bible institutes, financial and legal concerns, and principles of postsecondary teaching and assessment.

Prerequisite: Graduate standing.

GCSE 733

Characteristics of the Adult Learner 3 credit hours

An overview of elements related to educational approaches to adult education. The needs of adult learners such as development, social, and spiritual are considered in light of contemporary theories of education. Emphasizes Biblical principles and perspectives of discipleship and leadership training and the ministry of the local church. (Offered online only.)

GCSE 743**Curriculum Survey and Design for College and Higher Education
3 credit hours**

An examination of the design, management, and evaluation of curriculum for post-secondary schools, including Bible schools, institutes, and colleges. Emphasizes the relationship between the curriculum and the mission of the institution. (Offered in Summer Institute only.)

GSCE 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GRADUATE EARLY CHILDHOOD EDUCATION (GECE)

GECE 503**Foundations of Early Childhood Education
3 credit hours**

An overview of the field of early childhood education. Topics include the history of childhood and early childhood education, theories that are being applied in the education and care of young children, and special areas of concern for the early childhood professional, such as developmentally appropriate practice, advocacy, and ethics. Also includes organizations for early childhood professionals. (Offered by correspondence only.)

GECE 513**Early Childhood Program Development
3 credit hours**

Focuses on the knowledge needed by the childcare professional for the development and administration of an effective early childhood program. Topics include current program models, organization of the early childhood program, state regulations for licensing and accreditation, administration, and curriculum development. (Offered in Summer Institute only.)

GECE 523**Cognitive Development in the Young Child
3 credit hours**

An examination of theoretical and practical aspects of cognitive development. Advanced cognitive theory is presented from the perspectives of Piaget, Vygotsky, and information processing. Discusses other theories and their implications for curriculum development and implementation. Gives practical application of cognitive development knowledge in the social studies, science, and mathematics. (Offered in Summer Institute only.)

GECE 533**Motor Skills, Health, and Nutrition
3 credit hours**

Focuses on physical needs of the young child. Means for supporting motor development in the child are identified through a study of playground design and management, games, and activities. Examines special health needs and problems of the young child, along with safety and nutritional considerations for parents and professionals in the field of early childhood education. (Offered by correspondence only.)

GECE 543**Guidance for the Young Child/Child and Family in the Social Context
3 credit hours**

A study of the social and emotional development of the young child. Methods for effective management of children with both normal behavior and special problems are investigated. Explores means through which teachers can work as partners with parents and the community. Gives attention to the differing needs and goals of culturally diverse communities within the general population. (Offered in Summer Institute only.)

GECE 552**Creative Arts and the Young Child
2 credit hours**

A survey of creativity and an examination of basic principles of art and music. Discusses methods and materials for encouraging artistic development of young children. (Offered in Summer Institute only.)

GECE 563**Language and Literacy Development
3 credit hours**

Focuses on language development and the literacy skills associated with them. Includes development of communication techniques and associated symbol use for children from infancy through age eight. Emphasizes ways the child actively attempts to discover communication through the written word and the process through which reading can be made a communicative process for children in the lower grades. Includes discussion of techniques that teachers can use to support a child's discovery of literacy. (Offered in Summer Institute only.)

GECE 583**Directed Study
1-3 credit hours**

Allows the student to study a topic that pertains to the degree program and is of interest to the student. Special activities and/or projects may be suggested by the professor.

GECE 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GENERAL STUDIES (GEN)

GEN 099**Whole Person Assessment
0 credit hours**

Orients the student to the University outcomes, philosophy of assessment, and the electronic portfolio. Acquaints the student with the technology skills needed for the ePortfolio.

Whole Person Assessment fee: \$70.

GEN 101**Prior Learning Assessment
3 credit hours**

A study designed to assist the student seeking college credit for prior learning experiences. Defines experiential learning and examines the steps of the assessment process. Guides the student through the first draft of a prior learning assessment portfolio. (The course is a prerequisite to applying for prior learning assessment

and credit. Offered only through distance learning.)

GEN 111**University Success
3 credit hours**

Combines theory and practice in learning skills needed for success in college and life, such as study skills, time management, building relationships, and managing money.

GEN 113**Study Skills
3 credit hours**

A study designed to acquaint the student with the nature of the external degree approach and format and with various study strategies. Also acquaints the student with the nature, philosophy, and lifestyle of ORU. (Offered only through distance learning.)

GEN 114**Distance Learning Strategies
3 credit hours**

A study designed to orient the student to the distance learning approach and format, university outcomes, philosophy of assessment, electronic portfolio (ePortfolio), and various study strategies. Combines theory and practice to help students develop technology skills necessary for navigating ORU's online systems. Discusses practical strategies for success in a distance learning program. Also acquaints the student with the nature, philosophy, and lifestyle of ORU. (Offered only through distance learning.)

Course fees: ePortfolio \$70; career assessment test fee \$15

GEN 499**Senior Paper/Project
3 credit hours**

An independent research paper or project completed under the direction of a faculty advisor. The student prepares a senior paper/project related to the learning experiences and purpose of the student's individualized liberal studies degree program. A senior paper may consist of independent research and analysis, expository writing on issues related to the area(s) of concentration, or a description and analysis of approved field experiences. With the approval of the faculty advisor, an appropriate project may be submitted in lieu of the senior paper (e.g., in the areas of performance, production, or original writing and development. (Offered only through distance learning.)

GRADUATE ENTREPRENEURSHIP (GENT)

GENT 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GEOGRAPHY (GEO)

GEO 201

Principles of Earth Science Lecture 3 credit hours

An introduction to earth sciences: geology, oceanography, geomorphology, and meteorology. Discusses the processes at work within the earth, on the surface, and in the air and oceans. Emphasizes plate tectonic theory. (Crosslisted with PSC 201 Lecture.)

Corequisite: GEO 201 Lab.

GEO 201

Principles of Earth Science Laboratory 1 credit hour

Lab exercises to supplement GEO 201 Lecture. (Crosslisted with PSC 201 Lab.)

Corequisite: GEO 201 Lecture.

Lab fee: \$30.

GEO 251

Ozark Region Field Studies 3 credit hours

A team-taught, interdisciplinary, summer field course utilizing the natural environment of northeast Oklahoma and northwest Arkansas.

Prerequisite: Permission from instructors.

Lab fee: \$30

GEO 307

Cultural Geography 3 credit hours

Study of the interrelationships between humanity and the environment. Discusses the present distribution of humans as a cultural history process involving the availability and the use or abuse of cultural and natural resources. (This is the recommended geography course for teacher certification in social science.)

GEO 350

Environmental Geography 3 credit hours

A study of human ecology focusing on problems created by human habitation of and interaction with the earth. Topics include culture, ecology, population, resources, food, energy, and pollution. Also considers social, economic, political, and ethical issues. (Crosslisted with PSC 350.)

Prerequisite: One semester of lab science.

GEO 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GERMAN (GER)

GER 101

Elementary German I 5 credit hours

A course for those desiring to begin a second language. Involves intensive oral work and an introduction to reading, writing, and speaking. (This course does not count toward the bachelor of arts language requirement, a minor, or major but can be used for elective credit.)

Lab fee: \$40.

GER 102

Elementary German II 5 credit hours

Continuation of GER 101.

Prerequisite: GER 101 or demonstrated proficiency.

Lab fee: \$40.

GER 203

Intermediate German I 3 credit hours

Continued practice in German with review of grammar and composition. Includes selected readings in addition to the text.

Prerequisite: Proficiency examination or GER 102.

Lab fee: \$40.

GER 204

Intermediate German II 3 credit hours

An intensive and practical conversational workshop.

Grammar review with emphasis on spoken French.

Prerequisite: GER 203.

GER 219

Travel Study 3 credit hours

A trip to Austria/Germany. An indepth introduction to many aspects of culture, history, and idiomatic language usage. Students learn everyday customs and have an opportunity to put grammar principles to practical use. (May substitute for GER 203).

Prerequisite: GER 102 or demonstrated proficiency.

GER 301

German Phonetics and Conversation 3 credit hours

Instruction in advanced conversation for proficiency with practical phonetics and drills for improvement of students' aural-oral skills. Focuses on particular problem areas for English speakers.

Prerequisite: GER 204 or equivalent.

GER 302

German Composition 3 credit hours

The development of writing skills through applied stylistic analysis and practical compositional exercises.

Prerequisite: GER 301.

GER 303

Survey of German Literature I 3 credit hours

A study of German literature from its beginning to 1750.

Prerequisite: GER 204 or equivalent.

GER 304

Survey of German Literature II 3 credit hours

A study of German literature from 1750 to the 20th century.

Prerequisite: GER 204 or equivalent.

GER 305

German Civilization and Culture 3 credit hours

A study of the historical, political, and cultural development of Germany with emphasis on the present. (Does not count toward a German major. Taught in English.)

Prerequisite: GER 204 or equivalent

GER 306

Business German 4 credit hours

A practical workshop in using German in the work-

place, with emphasis on vocabulary of office procedures and international marketing.

Prerequisite: GER 204.

GER 403

The Age of Goethe 3 credit hours

A study of selected works by Goethe.

Prerequisite: GER 303 or 304.

GER 404

Novelle 3 credit hours

A study of the major authors of the German Novelle from Goethe to the present.

Prerequisite: GER 303 or 304.

GER 407

Lyrical Poetry 3 credit hours

A study of German lyric poetry from 1600 to the present.

Prerequisite: GER 303 or 304.

GER 409

German Novel 3 credit hours

A study of the German novel from the 18th century to the present.

Prerequisite: GER 303 or 304.

GER 450

Internship 1-3 credit hours

Systematic and supervised practicum in a German-speaking community. Application of German oral communication and writing skills. Credit varies, depending on time involved on-site.

Prerequisites: GER 204; permission of the department.

GER 451

Special Readings 1-3 credit hours

Special readings in German to cover general or specific areas as determined by the professor to meet the needs of the student.

Prerequisites: German major, arrangement with professor, and department permission.

GER 457

Methods for Modern Language Curriculum Instruction 3 credit hours

A course designed to provide foreign language majors with concepts needed for language learning and instruction. Includes the historical background of the teaching of modern language. Discusses Foreign Language in the Elementary School (FLES), immersion programs, and issues concerning high school programs. (Crosslisted with FRE 457 and SPA 457.)

GER 498

Senior Paper Bibliography 1 credit hour

A directed activity designed to assist the student in preparing a research bibliography investigation that includes an annotated bibliography, detailed outline, and introductory chapter of the senior paper. (This is the first of two senior paper courses.)

Prerequisites: German major; permission of the instructor and the department.

GER 499**Senior Paper
2 credit hours**

Directed individual study for seniors pursuing research and the writing of the required senior paper. (This is the second of two senior paper courses.)

Prerequisite: GER 498.

GER 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GRADUATE FINANCE (GFIN)

GFIN 500**Internship****1-3 credit hours**

A practicum in which the student works one-on-one with an employer to make recommendations for improvement in the work force. The student's work includes both a closely supervised environment and projects of personal initiative.

Prerequisite: Twelve hours of leveling and/or graduate courses.

GFIN 514**Investments****3 credit hours**

Designed to serve investors who are or will be actively developing and monitoring their own investment portfolios. Includes techniques, vehicles, and strategies for implementing investment goals in a portfolio context and in light of risk-return trade-offs. Includes an overview of personal finance and investments and specific investment topics such as common stocks, mutual funds, commodities, and real estate. Emphasizes using Value Line Investment Survey to evaluate common stocks and Morningstar's Mutual Fund Value to evaluate mutual funds.

Prerequisites: Graduate standing; completion of undergraduate finance and accounting classes.

GFIN 550**Commercial Bank Management****3 credit hours**

A course designed to further develop the student's understanding of the banking environment. It is also designed to bring into perspective the significant changes that have taken place in the banking community the past few years and how to deal with the challenges ahead. Emphasizes the areas of new legislation, regulation, financial market, deposits, lending, and overall bank management. (This course is intended for those students in the M.B.A. program with concentration in finance. Crosslisted with FIN 428.)

GFIN 555**Entrepreneurship****3 credit hours**

A study of the art and science of entrepreneurship. Develops technical knowledge through discussion of the tools needed to successfully start and operate a business. Emphasizes the qualitative aspects of entrepreneurship. (Crosslisted with MGT 421.)

GFIN 561**Capital Markets****3 credit hours**

An introduction to the methods of securing growth financing through domestic and global private capital markets. (Crosslisted with FIN 461.)

Prerequisite: FIN 338.

GFIN 563**Finance****3 credit hours**

Emphasizes the managerial functions of planning, organizing, directing, staffing, and controlling as they relate to administration of the finance function. Discusses the relationship of finance to other business functions of production, marketing, and accounting. A top management perspective of policy, strategy, and decision-making is taken. Applies finance concepts, principles, techniques, and tools of analysis through problem solving.

Prerequisite: FIN 338.

GFIN 572**Principles of Estate Planning****2 credit hours**

An overview of estate planning in light of the federal transfer tax system, including federal gift taxation, federal and state estate taxation, and federal generation-skipping transfer taxation. Examines various forms of property ownership and introduces various tools and planning strategies that minimize the costs, fees, taxes, and time delays associated with the transfers of those various ownerships and the related tax implications. (Crosslisted with FIN 472.)

GFIN 573**Development of NonProfit Organizations****2 credit hours**

An overview of the development of nonprofit organizations from a donor relations and financial perspective. Examines nonprofit financial development through the creation and implementation of charitable giving systems utilizing current and deferred gifts, planned giving, capital campaigns, estate planning, and various other forms of giving—all with a view toward donor relations and tax implications to the donor.

GFIN 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GRADUATE HEALTH PHYSICAL EDUCATION AND RECREATION (GHPE)

GHPE 503**Graduate Health Fitness****1 credit hour**

Develops an understanding of and personal appreciation for the relationship of physical activity and fitness to health. Emphasizes the concept of health fitness, cardiorespiratory system, nutrition and body composition, muscular-skeletal fitness, and stress management. Includes consumer health information and a

required weekly physical activity lab. (Crosslisted with GHPE 703.)

Prerequisites: Graduate standing and medical assessment.

GHPE 515**Graduate Aerobics****0.5 credit hour**

A flexible course designed to help graduate students meet the ORU fitness and lifestyle requirement. (No walking or modified field tests allowed. Crosslisted with GHPE 715.)

Prerequisites: HPE 001 and 002 or GHPE 503 or GHPE 703; graduate standing.

GHPE 525**Graduate Walk For Fitness****0.5 credit hour**

A course designed for graduate students who need a walking program and field test. (Crosslisted with GHPE 725.)

Prerequisites: HPE 001 and 002 or GHPE 503 or GHPE 703; graduate standing.

GHPE 703**Graduate Health Fitness****1 credit hour**

Develops an understanding of and personal appreciation for the relationship of physical activity and fitness to health. Emphasizes the concept of health fitness, cardiorespiratory system, nutrition and body composition, muscular-skeletal fitness, and stress management. Includes consumer health information and a required weekly physical activity lab. (Crosslisted with GHPE 503.)

Prerequisite: Doctor of ministry student and medical assessment.

GHPE 715**Graduate Aerobics****0.5 credit hour**

A flexible course designed to help graduate students meet the ORU fitness and lifestyle requirement. (No walking or modified field tests allowed. Crosslisted with GHPE 515.)

Prerequisites: HPE 001 and 002; or GHPE 503 or 703; doctor of ministry student.

GHPE 725**Graduate Walk for Fitness****0.5 credit hour**

A course designed for graduate students who need a walking program and field test. (Crosslisted with GHPE 525.)

Prerequisites: HPE 001 and 002; or GHPE 503 or 703; doctor of ministry student.

GHPE 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GRADUATE INTERNATIONAL BUSINESS (GINB)

GINB 560 International Finance 3 credit hours

A course designed to prepare students to successfully negotiate the financial transactions that are part of international commerce. Topics include arrangement of credit, risk management, currency exchange, hyperinflation, and capital budgeting in the multinational enterprise.

GINB 570 International Marketing 3 credit hours

Designed to provide an analysis of the five "Ps" of marketing as they relate to the globalization of the economy. Emphasizes contemporary periodical articles, as well as textual materials. The course is augmented with case analysis and student projects to highlight both the theoretical and the operational aspects of international marketing. (Crosslisted with MKT 361.)

GINB 580 Readings in International Business 3 credit hours

Designed to facilitate the acquisition of advanced knowledge and skills relating to cultural adaptation, global strategy, and international policy. Readings include both classic and contemporary materials. (Designed for students pursuing the concentration in international business.)

Prerequisite: MBA with international business concentration.

GINB 999 1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GRADUATE MANAGEMENT (GMGT)

GMGT 500 Internship 1-3 credit hours

A practicum in which the student works one-on-one with an employer to make recommendations for improvement in the work force. The student's work includes both a closely supervised environment and projects of personal initiative.

Prerequisite: A minimum of 12 hours of leveling and/or graduate courses.

GMGT 521 Administration of Nonprofit Organizations 3 credit hours

A study of the functions of management—planning, organizing, leading, and controlling—within the nonprofit sector. Focuses on theories of organizations and general concepts of management, governance, and leadership. Includes organizational design, behavior,

performance, and effectiveness and analyzes the special character and management of problems of non-profit organizations.

GMGT 541 Creative Thinking 3 credit hours

An introduction to the modern practices of creative thinking in all areas of the business environment. (Crosslisted with MGT 372.)

GMGT 551 Executive Development 2 credit hours

An advanced course in managerial philosophy and techniques. Emphasizes self-development of the executive and develops skills in planning, organizing, motivating, communication, and controls. Analyzes new perspectives on management and incorporates extensive research. Focuses on the challenge of change, qualitative research. Focuses on the challenge of change, qualitative tools, the ethical and moral environment, and the prospects for management in the next decade. (Crosslisted with MGT 443.)

GMGT 553 Organizational Behavior 3 credit hours

A study of individual and group behavior and dynamics within organizations, with an emphasis on motivation, leadership, stress, group and intergroup dynamics, conflict, power and politics, and culture. (Crosslisted with MGT 353.)

GMGT 556 Small Business Basics 3 credit hours

A survey of management principles concerning planning, organizing, directing, controlling, and staffing at the organizational level in the small business environment. (Crosslisted with MGT 422.)

GMGT 560 Conflict Resolution 2 credit hours

An introduction to the principles and application of the processes and theories of personal conflict resolution, mediation, and negotiations. Focuses on conflict resolution in various business-related settings. (Crosslisted with MGT 461.)

GMGT 561 Management in a Globalized Era 3 credit hours

Challenges students to conceptualize the systemic nature and the strategic management of an organization. Introduces students to advanced readings in areas such as organizational diagnosis and change management, organizational effectiveness, organizational design, motivation, leadership, and the impact of global cultural factors.

GMGT 563 Organizational Dynamics 3 credit hours

A study of individual, group, network, and cultural components that determine effectiveness of an organization. Organizations are studied from various perspectives using metaphors (e.g., machine, organism, symphony, jazz group, prison, culture). Discovery includes dimensions of efficiency and effectiveness as well as analysis of quality of work life and productivity. Also

addresses issues of alignment and effective and dysfunctional organizations.

Prerequisite or corequisite: GMGT 561

GMGT 585 Quantitative Management 3 credit hours

A study of the use of computer applications to improve managerial data analysis and decision-making skills. Excel and varied Excel Add-In software are used with an integrated business database to teach varied statistical, decision modeling, and simulation techniques related to managerial decision making.

Prerequisites: Prior computer course and permission of Graduate Business.

User license: \$30.

GMGT 600 Leadership Studies 3 credit hours

A study of the art and science of leadership. The student's knowledge is developed by the text, numerous books on leadership, and weekly guest speakers.

GMGT 999 1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GRADUATE MARKETING (GMKT)

GMKT 500 Internship 1-3 credit hours

A practicum in which the student works one-on-one with an employer to make recommendations for improvement in the work force. The student's work includes both a closely supervised environment and projects of personal initiative.

Prerequisite: Twelve hours of leveling and/or graduate courses.

GMKT 533 Consumer Behavior 3 credit hours

A study of the consumer as the focal point in a dynamic economic system. Explores a large body of published and unpublished literature, discusses generalizations, and develops various practical implications of consumer information processing. Such an approach leads to the exploration and use of new marketing techniques and methods. (Crosslisted with MKT 333.)

GMKT 534 Promotional Management 3 credit hours

A study of the process of analyzing, planning, and evaluating promotional strategy and management. Examines the varied elements of advertising, personal selling and sales promotion, and optimum promotional mix, through integration and organization. (Crosslisted with MKT 334.)

GMKT 535 Services Marketing 3 credit hours

Teaches students how to apply prior marketing knowledge and strategy development to the services sector,

thus challenging students to implement competitive service strategies for customer-focused management. Emphasizes using frameworks for increasing customer satisfaction and retention.

Prerequisites: MGT 130 and MKT 130

GMKT 550
Development of Nonprofit Organizations
2 credit hours

An overview of marketing concepts, techniques, and promotional strategies as they pertain to nonprofit organizations. Topics covered include marketing, public relations, publicity, communications, market research, situational analysis, fundraising, resource development strategies, and entrepreneurship. Gives special consideration to managerial strategies required to sustain and enhance the resource base of nonprofit organizations.

GMKT 564
Marketing Management
3 credit hours

An examination of marketing concepts, policies, and procedures related to consumer and industrial goods. Emphasizes analytical tools used to aid in marketing decision-making. Includes all aspects of marketing and provides additional depth and applications through case studies.

Prerequisites: MGT 130 and MKT 130.

Prerequisite or corequisite: GBUS 574.

GMKT 999
1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GOVERNMENT (GOV)

GOV 101
American Government and Politics
3 credit hours

A study of the institutions and processes of American government and politics at the national, state, and local levels, with attention to policy-making and the relationship between citizenship and Christian faith. (Honors sections are available for this course.)

GOV 201
Introduction to Political Science
3 credit hours

A description and evaluation of government including the basic content and methods of political science.

GOV 205
Political Science Research Methods
3 credit hours

Introduces students to methods of conducting professional research in the field of political science. Students learn to do political analyses and write a research prospectus. (This is a writing-intensive course.)

GOV 305
Comparative Government
3 credit hours

Provides students with an understanding of the successive paradigms or worldviews in Western American civilization and their consequences upon political and economic institutions. Prepares students for Biblical Christian leadership.

GOV 311
International Relations
3 credit hours

A survey of topics germane to international relations, including nation-states, sovereignty, war and peace, supranational and transnational organizations, and international law. Also includes a component on world geography.

GOV 321
Legislative Process
3 credit hours

A study of the law-making process in the United States Congress with attention to presidential, bureaucratic, and judicial influences. Surveys the legislative processes of state and foreign governments.

GOV 322
Political Parties and Elections
3 credit hours

An analysis of the functions and internal operations of American political parties and interest groups as they act in the electoral and legislative processes and compares them to political parties and electoral systems in other countries.

GOV 323
American Political Leadership
3 credit hours

An in-depth study of the origin and historical and political evolution of the highest elected office in the free world. Explores the presidency, as well as its relationships with Congress, the Supreme Court, the bureaucracy, states, and localities. Also deals with possible reforms for improving the effectiveness of the office.

GOV 331
Western Political Theory
3 credit hours

A study of the great political thinkers from Plato to the present. Examines the spread of Christianity and the development of political theory, institutions, and concepts of justice and law in the West.

GOV 335
Christian Faith and Government: Theory
3 credit hours

Explores the Bible's teachings on politics and government. Includes Jewish and Christian political history and how it influences the Western world.

GOV 336
Christian Faith and Government: Practicum
3 credit hours

Applies Biblical principles to current political situations. Studies appropriate methods of access to and influence upon American government. Includes field trips to appropriate government locations.

GOV 341
Public Administration
3 credit hours

A study of the application of public policy at all levels of government. Analysis of problems in public financing and budgeting, organization and personnel, the legal context, and the relationship of bureaucracy to the public interest.

GOV 370
Area Studies
3 credit hours

Focuses on a specific area of the world, such as Asia or Latin America. Content varies.

GOV 381
American Foreign Policy
3 credit hours

An in-depth analysis of the significant persons, ideas, events, issues, and trends in the history of international politics, American foreign relations, and statecraft.

GOV 391
International Political Economy
3 credit hours

A survey of integral persons, ideas, events, issues, and trends relative to the rise and decline of the market system of economics in both domestic and international economic policy.

GOV 450
American Jurisprudence
3 credit hours

Examines the history of both secular law and divine law through the Judeo-Christian perspective. It also covers the basics of legal research, legal reasoning, criminal law, torts, and property.

GOV 451
American Constitutional Law
3 credit hours

A study of the development and current applications of the U.S. constitutional process, emphasizing judgments of the Supreme Court in selected precedent-setting cases. Analyzes effects of this process upon the fundamental structure of the American political, economical, and social systems.

GOV 452
Civil Liberties and Civil Rights
3 credit hours

An expansion of topics covered in GOV 451. Examines the role of a Christian and basic American civil liberties and freedoms in relation to the demands for a well-ordered society.

GOV 453
Criminal Procedure
3 credit hours

Explores and explains the criminal justice process, examining the accused's rights under the Bill of Rights, as well as the roles of the prosecuting and defense attorneys and the federal judicial system.

GOV 454
Judicial Policy and Process
3 credit hours

An introduction to the basic constitutional function of the court system.

GOV 461
Public Policy Analysis
3 credit hours

A study of the intellectual frameworks used in the formulation and implementation of public policy, as well as the individuals responsible for making policy. Analyzes and evaluates contemporary political, social, and economic issues.

GOV 479
Readings in Government
1-3 credit hours

An investigation of subjects dictated by student need and faculty expertise. Examples include "Campaigns and Political Parties," "Comparative Communism," and "Politics and Markets." (The course may be taken more than once for credit.)

GOV 487**Oklahoma Intercollegiate Legislature Internship
1-3 credit hours**

Designed to introduce the legislative process, including parliamentary debate, *Roberts Rules of Order*, and an overall knowledge of how to conduct oneself in a live legislative debate format. Oklahoma Intercollegiate Legislature (O.I.L.) is a mock legislative process conducted at the Oklahoma state capitol twice each year. Internships are available in local, state, national, and international organizations and government staff and agencies. (The number of credit hours and work required is largely dependent upon faculty-student discussion and the internship requirements.)

GOV 488**Model United Nations Internship
1-3 credit hours**

An introduction to the function and role of the United Nations in international affairs; the practical application of the diplomatic process, including parliamentary debate; and an overall knowledge of how to conduct oneself in a live diplomatic debate format. The Model United Nations (M.U.N.) is a simulation of the general assembly process conducted in St. Louis in late February of each year.

GOV 489**American Studies Internship
1-3 credit hours**

An internship in a local, state, national, and even international organization. (The number of credit hours and work required is largely dependent upon faculty-student discussion and the internship requirements.)

GOV 499**Senior Paper/Project
3 credit hours**

Student preparation of a research paper under the direction of a faculty member. Includes instruction in research methods and styles and in critiquing written materials. Students eligible for graduation honors must complete a successful oral defense before a faculty committee.

Prerequisites: Senior standing.

GOV 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GRADUATE NONPROFIT MANAGEMENT (GNPM)

GNPM 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GRADUATE PROFESSIONAL EDUCATION (GPED)

Note: Admission to the Professional Education Program is a prerequisite for most GPED courses.

GPED 502**Health Care for Education Majors
1 credit hour**

A course providing a variety of competencies in health, safety, and related areas for education majors. Emphasizes the teacher's role in addressing health needs of school-age children, including appropriate response to emergency situations and recognition of common childhood illnesses. (Crosslisted with PED 222.)

GPED 503**History and Philosophy of Education
3 credit hours**

Overview of various philosophies of education with emphasis on the implications of their presuppositions on educational theory and practice. Includes an analysis of educational problems and issues in education using the tools of history and philosophy of education and the implications on educational theory and practice in an institution.

GPED 504**Curriculum Theory and Practice
3 credit hours**

An analysis of the theory and philosophy of selected curriculum theories and strategies in both public and private schooling. Applies research-based principles and practices to the evaluation of teaching and learning.

GPED 505**Pedagogy I
3 credit hours**

A study of cultural diversity combined with the knowledge of English language learners and students with disabilities. Uses the teacher candidates' knowledge of diversity and apply it through technology in the classroom to educate all learners. (Crosslisted with PED 305.)

Prerequisite: Major in K-12 or secondary education.

GPED 506**Pedagogy II
3 credit hours**

A study of human life development from conception through adolescence with more emphasis on middle school secondary school students. Management of classroom routines and behavior interwoven into the course with information on assessing students learning. Includes a 20 hour practicum. (Crosslisted with PED 306.)

Prerequisite: GPED 505.

GPED 513**Human Growth and Development
3 credit hours**

A study of human life from conception through adolescence. Emphasizes the continuity of developmental phases of infants, children, and adolescents, delineating the interrelationships among various aspects of development—biological, cognitive, emotional, social. (Crosslisted with PED 313.)

GPED 533**Advanced Educational Psychology
3 credit hours**

An advanced study of motivation, learning, and psychology as applied to classroom learning. Includes how learning, environmental, and personality factors interact to change human behavior.

GPED 563**Educational Technology
3 credit hours**

Focuses on the selection, preparation, use and sources of media and computer technologies for future teachers. (Crosslisted with PED 363.)

Educational technology fee: \$25.

GPED 571**Professional Education
Seminar/Portfolio
0-1 credit hour**

Aids student teachers in the construction of a professional portfolio that fulfills requirements of the School of Education and reflects competencies required for teaching licensure in the State of Oklahoma. (Crosslisted with PED 361.)

GPED 572**Classroom Management and
Educational Law
3 credit hours**

A study of the various approaches in behavior management. Emphasizes behavior modification techniques. Introduces teacher candidates to token learning principles and how they apply to behavior management in the classroom. Provides the opportunity for the study of the relationships between students, parents, teachers, schools, and federal, state, and local government with an emphasis on the legal framework with which each participant must interact. (Crosslisted with PED 372.)

GPED 582**Educational Assessment
2-3 credit hours**

Theory and application of educational evaluation and assessment including evaluation for planning and instruction; construction and evaluation of classroom tests; test values and limitations; evaluation and administration of standardized tests; portfolio development and evaluation; and grading and reporting procedures. (Crosslisted with PED 382.)

GPED 583**Statistical Research Methods
3 credit hours**

An opportunity to apply educational research methods to answer statistical questions. Emphasis is on providing further information in an area of interest to the student.

GPED 584**Internship in K-12/Secondary Education
3 credit hours**

Provides opportunities to observe K-12 or secondary school educational programs and to integrate theories of teaching with teaching practices. Each student is assigned to a practicing educator in a model K-12 or secondary school.

GPED 593**Assessment and Evaluation in Education
3 credit hours**

An overview of the theory and application of educational evaluation and assessment including evaluation for planning and instruction; construction and evaluation of

classroom tests; test values and limitations; evaluation and administration of standardized tests; portfolio development and evaluation; and grading and reporting procedures. Gives practical applications for Christian school administrators.

GPED 650

Student Teaching: Away 4-10 credit hours

In-class observation, teacher assistance, and student teaching under the professional supervision of a university supervisor and a cooperating teacher in a school outside the Tulsa area. Teacher candidates engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Crosslisted with PED 450.)

Prerequisite: Admission to the Professional Education Program and acceptance of student teaching application; Permission of the dean.

Course fee: \$1000.

GPED 665

Student Teaching: Early Childhood 4-5 credit hours

In-class observation, teacher assistance, and student teaching under the professional supervision of a university supervisor and a cooperating teacher in an early childhood classroom. Teacher candidates engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Crosslisted with PED 465.)

Prerequisite: Admission to the Professional Education Program and acceptance of student teaching application. Corequisite: GPED 571.

GPED 670

Early Childhood Internship 3 credit hours

Provides opportunities to observe early childhood educational programs and to integrate theories of teaching with teaching practices. Each student is assigned to a practicing educator in a model early childhood setting.

GPED 675

Student Teaching: Elementary 4-10 credit hours

In-class observation, teacher assistance, and student teaching under professional supervision of a university supervisor and a cooperating teacher in an elementary school. Students engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Crosslisted with PED 475.) Prerequisite or corequisite: GPED 571.

GPED 683

Educational Research Design 3 credit hours

Designed for graduate students desiring to develop a research proposal. Includes topic selection; library search; research methodology, design, and style; and techniques of writing. Provides students with an understanding of basic research methods related to the investigation of current educational issues or problems. (Offered online only.)

GPED 685

Student Teaching: 7-9 4-5 credit hours

Seven-weeks (full-time) in-class observation, teacher assistance, and student teaching under professional supervision of a cooperating teacher in a junior high or middle school and a college supervisor. Students engage in both curricular and extracurricular programs.

Includes theories of education, evaluation, and testing. (Crosslisted with PED 485.)

GPED 690

Directed Study 1-3 credit hours

Allows the student to pursue a literature search and conduct a research project in education that pertains to the degree program and is of interest to the student. Special activities and/or projects may be suggested by the professor.

GPED 693

Thesis 3 credit hours

Provides the culminating experience for the master of arts in education candidate. The candidate conducts a special investigation of an approved problem using appropriate research methods, submits the written thesis, and orally defends it in the presence of the candidate's thesis committee. The thesis must be original in the field of education and original with the candidate.

Prerequisites: Completion of a prospectus and arrangement with the chair of the student's thesis committee.

GPED 695

Student Teaching: 10-12 4-5 credit hours

Seven weeks (full-time) in-class observation, teacher assistance, and student teaching under professional supervision of a cooperating teacher in a high school and a college supervisor. Students engage in both curricular and extracurricular programs. Includes theories of education, evaluation, and testing.

(Crosslisted with PED 495.)

Prerequisite: GPED 571.

GPED 703

Advanced Psychology of Childhood and Adolescence 3 credit hours

Traces the development of the individual from early childhood through the adolescent years. Includes studies in brain growth, development and dominance, and the resulting behavior of children and youth. Also includes a study of the behavioral and socio-cultural implications for elementary and secondary schools.

GPED 713

Educational Leadership, Supervision, and Evaluation 3 credit hours

A study of basic principles and practices in modern school administration; current exemplary practices in supervision, group study, visitation, and exchange teaching concepts; and principles and methods to evaluate and improve teaching techniques.

GPED 723

School Finance 3 credit hours

A study of the conceptual basis of the economics of education—both private Christian and public schools—as well as taxation, distribution systems, tuition, grants, and policy analysis. Also considers sources of funding, control of expenditures, general principles of financial administration, and a review of requirements of Oklahoma State Law concerning financial accounting and procedures. (Offered in Summer Institute only.)

GPED 733

School Law/Legal Issues in Education 3 credit hours

Provides knowledge of the general principles of school

law. Consideration is given to an understanding of legal implications of the operation and administration of private Christian and public school systems. Includes school law as it relates to the State of Oklahoma, the State Board of Education and the Attorney General. Consideration of PL94-142, Section 504 of the Rehabilitation Act, other Federal acts with impact on school district operations, and current issues affecting schools.

GPED 743

Organization and Administration of Public Schools 3 credit hours

A survey of topics pertinent to public school administration including the organization and implementation of elementary, secondary, and vocational/technical school systems; roles and responsibilities of boards of education, superintendents of schools, principals, and other school staff; laws, procedures, regulations and policies related to management of certificated and noncertificated school staff; relationships between administration and other school personnel; and the recruitment, selection, promotion, morale, salary, and evaluation of staff.

GPED 753

Curriculum/Instructional Design and School Services 3 credit hours

A critical study of foundations, procedures, and theories in instructional programs common in early childhood education and elementary and secondary schools; selection and organization of content, teaching techniques and materials; and the organization and implementation of instructional strategies in a school system.

GPED 763

Human Resources in Education 3 credit hours

Designed to help prospective school administrators in the development of human relations skills, interpersonal relationships, and group process skills.

GPED 773

School Public Relations 3 credit hours

Designed for graduate students desiring to develop a working knowledge of the functions of public relations in school leadership. Addresses concerns central to planning, developing, and implementing a practical and effective public relations program in a school setting.

GPED 783

Internship/Practicum in Elementary School Administration 1-4 credit hours

Provides supervised, practical, and professional field experience in an area of elementary school administration for the advanced or graduate student. Subject matter varies within the department's field of study.

GPED 793

Internship/Practicum in Secondary Administration 1-4 credit hours

Provides supervised, practical, and professional field experience in an area of secondary school administration for the advanced or graduate student. Subject matter varies within the department's field of study.

GPED 803**Guidance and Counseling for Elementary School
3 credit hours**

A study of the concepts, procedures, and administration of a guidance and counseling program for elementary schools. Includes a study of the needs, design, implementation, coordination, and administration of an effective guidance and counseling program. (Offered by correspondence only.)

GPED 813**Guidance and Counseling for Secondary School
3 credit hours**

A study of the concepts, procedures, and administration of a guidance and counseling program for secondary schools. Includes a study of the needs, design, implementation, coordination, and administration of an effective guidance and counseling program. (Offered by correspondence only.)

GPED 823**Group Relations/Multicultural Education
3 credit hours**

Prepares educational leaders to deal with cultural diversity in the community, curriculum, and classroom. Examines current issues of multiculturalism in society and educational settings.

GPED 834**Organization and Supervision of Programs for Exceptional Individuals
3 credit hours**

The study of the exceptional child and the establishment of a program to identify, evaluate, remediate, and effectively manage the behavior of students with special academic needs. Also addresses the administrative plan and structure, including personnel, facility scheduling, program integration with existing curriculum and schedule, legal responsibilities and liabilities, parental involvement, and continued evaluation for each identified student. (Offered in Summer Institute only.)

GPED 835**Advanced Theories of Learning and Brain Research
3 credit hours**

An advanced study of current research and practices relating to theories of learning and brain research as it relates to education. Emphasizes practical classroom application of the research.

GPED 855**Instructional Theory and Practice
3 credit hours**

An analysis of the theory and philosophy of selected instructional strategies in both public and private schooling. Applies research based principles and practices to the evaluation of teaching and learning.

GPED 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GRADUATE SPECIAL EDUCATION (GSED)**GSED 523****Parent and Families of Students with Special Needs
3 credit hours**

A study of counseling techniques and counseling theories, community resource agencies, and the use of the multidisciplinary team applied to counseling exceptional individuals and their parents. (Crosslisted with SED 323. Offered in Summer Institute only.)

Prerequisite: GSED 553.

GSED 553**Introduction to Special Education: Mild-Moderate Disabilities
3 credit hours**

Acquaints students with different exceptionalities served in the schools. Focuses on assessment procedures, placement, methods, materials, and teaching strategies. (Includes a 15-hour practicum for undergraduates and a 30-hour practicum for graduates. Crosslisted with SED 353.)

GSED 563**Effective Instruction for Students with Mild-Moderate Disabilities
3 credit hours**

A comprehensive overview of the most current effective teaching strategies for special education. Provides a model for application to a variety of skill and content areas. Examines advances in technology, multicultural awareness, curriculum development, and thinking skills. Incorporates concrete, meaningful teaching activities and demonstrations. (Includes a practicum. Crosslisted with SED 363. Offered in Summer Institute only.)

Prerequisite: GSED 553.

GSED 613**Assessment and Program Planning
3 credit hours**

Develops competencies in utilizing diagnostic instruments and interpreting evaluation results. The major components are (1) informal assessment procedures, (2) formal assessment procedures, (3) identifying performance discrepancies, (4) administration and interpretation of selected instruments, and (5) summarizing information in a written report. (Crosslisted with SED 313. Offered in Summer Institute only.)

Prerequisite: GSED 553.

GSED 623**Issues, Trends, and Curriculum Modification in Special Education
3 credit hours**

Gives the student an understanding of adapting commercially prepared instructional materials and developing teacher-made materials to meet the unique needs of exceptional individuals. Emphasizes writing and implementing IEPs for both self-contained and mainstreamed placements. This course is a combination of field trips and outside club involvement with special needs students. (Includes a practicum. Crosslisted with SED 423. Offered in Summer Institute only.)

Prerequisite: GSED 553.

GSED 652**Behavior Management Strategies
3 credit hours**

Examines strategies for managing disruptive behavior

in the special education and regular classroom, pre-school, and home. Includes practical techniques, philosophical, legal, ethical, and pedagogical issues. (Offered in Summer Institute only.)

Prerequisite: GSED 553.

GSED 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

GRADUATE THEOLOGICAL AND HISTORICAL STUDIES (GTHE)**GTHE 507****Holy Spirit in the Now
2-3 credit hours**

An overview of the basic theological beliefs and lifestyle unique to Oral Roberts University. The course analyzes the Biblical concepts and principles of the Person and work of the Holy Spirit. It examines the gifts of the Holy Spirit and indicates how contemporary Christians may personally relate to them. Also examines the principles of seed-faith giving and living.

GTHE 508**Signs and Wonders and the Healing Ministry
1-2 credit hours**

Provides a Biblical, theological, and practical examination of signs and wonders and miracles in the ministry of the Church. The course provides practical, contemporary demonstration of this Biblical concept by exposing students to leaders in the Body of Christ who exercise signs and wonders in their ministries.

GTHE 517**Seminar in Theological Research
3 credit hours**

Designed to permit the theological research student to acquire a degree of expertise in the use of the library's many facilities. Emphasizes a working knowledge of research tools and research methodology. Discusses selective problems in theological research and addresses the scholarly process and modern information systems. Focuses on writing skills and the textual tradition embodied in book form. The course also examines the basic form, content, and style of an acceptable thesis.

GTHE 518**Introduction to Theology
3 credit hours**

Introduces the discipline of systematic theology and provides a comprehensive overview of Christian doctrine. (Designed for non-master of divinity students who require an introduction to the field of study.)

GTHE 539**Black Church History and Theology
3 credit hours**

An examination of the Black church, Black theology, and their contributions to the Kingdom of God and the Christian community. Examines the salvation experience of Black people, social issues, preaching, and worship.

GTHE 551
Systematic Theology I
3 credit hours

An introduction to Christian theology and an examination of the doctrines of revelation, God, creation, and humanity.

GTHE 561
Systematic Theology II
3 credit hours

An examination of the doctrines of sin, Christology, the atonement, the Holy Spirit, salvation, the church, and eschatology.

GTHE 571
Church History I
3 credit hours

A study in the development of the Christian church from the Apostolic period to the Reformation. Examines the major historical movements and theological issues of the period, particularly the Christological controversies of the Early Church.

GTHE 581
Church History II
3 credit hours

A study designed to delineate and investigate the various lines of thought in the pre-Reformation, Reformation, and Protestant periods. Emphasizes the Reformation, its causes, development, and consequences.

GTHE 622
The Doctrine of God
3 credit hours

A study of the existence, essence, names, attributes, and triunity of God, with a view toward fully integrating these scriptural teachings into the worship and mission of the church.

GTHE 624
Christian Apologetics
3 credit hours

An examination of classical apologetical systems to determine their coherency and/or adequacy as defenses for the Christian faith. Specific attention is focused upon presuppositional Apologetics.

GTHE 631
Theological German
3 credit hours

Studies the German language for reading knowledge. Designed for the student entering graduate studies.

GTHE 632
Theological French
3 credit hours

A reading course in theological French.

GTHE 638
Contemporary Religious Cults
3 credit hours

An examination of the theological and historical roots of the present-day cult movement. Analyzes the various cults in contemporary America and focuses upon their unique doctrines. Provides opportunities for dialogue with cult leaders.

GTHE 644
The Doctrine of Christian Unity
3 credit hours

An overview of the modern quest for Christian unity. The challenge of Jesus' prayer in John 17, "that all may be one," is applied to contemporary denominations.

Students are exposed to the distinctive teachings of the major denominational and confessional groupings within Christianity. Also discusses the moves toward unity and the dialogues between churches.

GTHE 647
The Doctrine of Redemption
3 credit hours

Studies the doctrine of salvation in Jesus Christ. The Biblical and historical dimensions of soteriology are integrated with a survey of contemporary perspectives on Christ as Mediator, Liberator, and Reconciler.

GTHE 657
Theology of Martin Luther
3 credit hours

An investigation of the life, thought, and influence of Martin Luther, with emphasis upon a firsthand knowledge of major theological issues of his ministry.

GTHE 658
Biblical Authority
3 credit hours

Analyzes the issue of the authority of the Bible in modern theology. The course provides a historical overview of the role of Holy Scripture in Christian theology and explores such concepts as inspiration, authority, infallibility, and inerrancy. Investigates related concerns such as canon, tradition, translation, hermeneutics, Biblical criticism, the witness of the Spirit, and proclamation as these impinge upon one's view of the authority of the Scriptures.

GTHE 659
Ecclesiology: Church in the 21st Century
3 credit hours

A study of the nature, forms, polities, marks, and functions of the church, including an examination of the church as a charismatic fellowship and the promise of a Trinitarian ecclesiology, with a view toward a practical vision for doing church work in today's world.

GTHE 660
Ethics and Contemporary Issues
3 credit hours

A discussion of current Biblical, theological, and pastoral issues in our culture with an attempt to motivate the Christian community to understand and act upon these issues.

GTHE 661
Introduction to Christian Ethics
3 credit hours

Examines the moral life and the Biblical, theological, and methodological ethic of the Christian Way. Traces theories of philosophical ethics and leads to the distinctive Christian ethic. Examines Christian principles and procedures for decision-making, as they relate to practical life problems.

GTHE 663
Charismatic Theology
3 credit hours

A study of the theology of the Pentecostal/charismatic movements of the 20th century. Discusses central issues such as Spirit baptism and spiritual gifts from Biblical, historical, and theological perspectives.

GTHE 670
Contemporary Theology
3 credit hours

A survey of key theologians, movements, and issues in contemporary theology introduced by a brief historical overview of modern theology.

GTHE 674
Denominational Polities
3 credit hours

A survey of organizational and governmental structures of various churches and/or denominations.

GTHE 675
The Early Church Fathers
3 credit hours

Examines the lives and thoughts of the Greek and Latin Fathers of the Christian Church. Gives attention to the development and substance of Christian doctrine during the Patristic period. Uses primary sources, lectures, readings, and discussion.

GTHE 676
The Age of Reformation
3 credit hours

An investigation of the life and thoughts of the great leaders of the Protestant Reformation in the context of the socio-cultural developments of the 16th and early 17th centuries.

GTHE 678
The Theology of Revival and Renewal
3 credit hours

A study of the Biblical and theological foundations for both the continual renewal of the Church and periodic revivals within the Church, including historical perspectives.

GTHE 681
Historical Theology
3 credit hours

A survey of theological issues and developments in the history of the Christian church. Considers issues and developments closely related to the people and events.

GTHE 684
Reformed Theology
3 credit hours

An investigation of the theology of the Reformed and Presbyterian Churches and the theology of the sixteenth century French Protestant reformer. Gives special attention to the ideas of John Calvin and his *Institutes of the Christian Religion*. Outlines the development of the Reformed heritage up to the present time.

GTHE 686
Theology of John Wesley
3 credit hours

Studies the life and theology of John Wesley with special reference to the various influences affecting his doctrine of prevenient, justifying, and sanctifying grace.

GTHE 692
Pneumatology
3 credit hours

Studies New Testament passages relating to the Pentecostal doctrine of the Baptism in the Holy Spirit. Gives particular attention to the Spirit's gifts or manifestations. Designed to provide a viable exegetical basis for a Pentecostal theology of Spirit baptism.

GTHE 694
The Pentecostal/Charismatic Movements in Historical Perspective
3 credit hours

A historical and theological overview and analysis of the roots and development of the classical Pentecostal movement, the healing revival, the Protestant charismatic movement, and the Catholic charismatic movement.

GTHE 696**Divine Healing: A Theological and Historical Study
3 credit hours**

An examination of the theological and historical roots of the doctrine and practice of divine healing from the Apostolic period to the present, with special emphasis on the movement as it developed in America during the 19th and 20th centuries. Describes the special foundational relationship between the divine healing movement and the Pentecostal and charismatic movements.

GTHE 700**Post-Modernism and 21st Century Ministry
3 credit hours**

An exploration of various expressions of a post-modern mood in popular culture and in philosophy and theology. Investigates ways in which Christian ministry in the 21st century can be pursued in light of strengths and weaknesses in post-modernism.

GTHE 744**Seminar in Historical Studies
3 credit hours**

Discusses and presents research on selected themes in church history, historical theology, or related fields of interest.

GTHE 745**Seminar in Theological Studies
3 credit hours**

Discusses and presents research on selected themes in theology and related fields.

GTHE 749**Directed Study
3 credit hours**

Directed research and writing under the supervision of a faculty member on topics approved by the department and related to subject matter in the academic M.A. curriculum.

Prerequisite: Admission to the academic master of arts program.

GTHE 756**Thesis Research
1 credit hour**

Directed individual systematic research in preparation for the writing of a thesis.

Prerequisite: Admission to the Theological/Historical Studies program.

GTHE 757**Thesis Writing
2 credit hours**

Directed individual systematic research culminating in the writing of a thesis.

Prerequisites: GTHE 756; Admission to the Master of Arts in Theological/Historical Studies program.

GTHE 760**Christology
3 credit hours**

A Biblical, historical, and theological exploration of the person and work of Christ, with special reference to the practical implications of this doctrine for the disciple-making mission of the church.

GTHE 763**The Biblical Doctrine of Grace
3 credit hours**

Studies the Biblical, historical, theological, and practical

dimensions of the doctrine of grace, which constitutes the uniqueness of the Christian faith, is the essence of the gospel, and is the transforming and liberating power of Christian experience and mission.

GTHE 768**Ethics in Pastoral Ministry
3 credit hours**

A course concerned with the ethical dimensions of pastoral ministry and the relationship between theological ethics and pastoral care—in effect, the relation of God's moral will as expressed through His creative and redemptive grace to humanity caught in the web of personal moral failure and general moral evil. Addresses problems of sin and evil raised by the issues in pastoral ministry.

GTHE 769**Ethics of Jesus
3 credit hours**

An inductive research into the moral lifestyle of Jesus and its meaning for contemporary lifestyles. Examines traditional and modern approaches to the Sermon on the Mount and Jesus' enunciation of His mission in Luke 4:18. Includes the ethical Kingdom of God teachings of Jesus.

GTHE 785**Church and Sacraments
3 credit hours**

A historical study that has as its focus the theology of the Church and the Christian sacraments. Special attention is given to water baptism and the Lord's Supper.

GTHE 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

**MODERN HEBREW
(HEB)****HEB 101****Elementary Hebrew I
5 credit hours**

A course for those desiring to begin a second language. Intensive oral work, grammar, and composition. (This course does not count toward the bachelor of arts language requirement, a minor, or a major but can be used for elective credit.)

Lab fee: \$40.

HEB 102**Elementary Hebrew II
5 credit hours**

Continuation of HEB 101.

Prerequisite: HEB 101 or demonstrated proficiency.

Lab fee: \$40.

HEB 203**Intermediate Hebrew I
3 credit hours**

Continued practice in Hebrew with review of grammar and composition. Selected readings in addition to text.

Prerequisite: Proficiency examination or HEB 102.

Lab fee: \$40.

HEB 204**Intermediate Hebrew II
3 credit hours**

Intensive practical conversational workshop.

Prerequisite: HEB 203.

HEB 301**Hebrew Conversation/Grammar
3 credit hours**

Advanced practice in understanding and speaking Israeli Hebrew and in increasing reading skills. The course is based on the achievement of structural analysis of the Hebrew language, which necessarily includes a concentration on grammar and identification of words not only by their characters but also by clues provided.

Prerequisite: HEB 204.

HEB 302**Hebrew Composition
3 credit hours**

Development of writing through practical compositional exercises that include a review of grammar. Developing proficiency in reading skills with selected readings.

Prerequisite: HEB 301.

HEB 305**Hebrew Culture and Civilization
3 credit hours**

A study of the historical, political, and cultural developments of the state of Israel with emphasis on Judaism and Judeo/Christian relations. (Taught in English.)

Prerequisite: HEB 204 or equivalent

HEB 306**Business Hebrew
4 credit hours**

A practical workshop in using Hebrew in the workplace, with emphasis on vocabulary of office procedures and international marketing.

Prerequisite: HEB 204.

HEB 451**Special Readings
1-3 credit hours**

Special readings course in Hebrew to cover general or specific areas as determined by the professor to meet the need of the student.

Prerequisites: Arrangement with professor, departmental permission, and proficiency as needed.

HEB 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

**HOME SCHOOL
EDUCATION (HED)****HED 372****Home School Administration and Organization
3 credit hours**

A study of techniques useful in the administration and organization of the home school, including setting goals, scheduling and time management, lesson planning, student discipline, teacher training, record keeping, and legal issues. (Offered only through distance learning.)

HISTORY (HIS)

HIS 101

American History Survey 3 credit hours

An introductory course for history and prelaw majors, focusing upon the student as the central figure for "building history from the ground up." Participants are introduced to the discipline of history and to the historian's craft. Special attention is given to the vocational potential of the history major and to the relationship between the field of history and law.

HIS 201

Historiography 3 credit hours

An introductory course for history and prelaw majors, focusing upon the student as the central figure for "building history from the ground up." Participants are introduced to the discipline of history and to the historian's craft. Special attention is given to the vocational potential of the history major and to the relationship between the field of history and law.

HIS 310

Oklahoma History 3 credit hours

A survey of cultural, economic, political, and social development of Oklahoma as a reflection of similar development throughout the American West. This course is designed to study how Oklahoma is affected by and affects the national scene.

HIS 323

The Middle Ages and the Reformation, 476 to 1650 3 credit hours

An examination of the religious, social, political, and economic aspects of the times from the fall of Rome to the Reformation throughout Europe. Focuses on the Christian, historical, and philosophical continuity and disparity that gave rise to the Renaissance, Reformation, and Counter-Reformation. Emphasizes the development and significance of the establishment of religious toleration.

HIS 324

Modern Europe, 1815 to Present 3 credit hours

An intensive study of Europe from 1815 to the present. Emphasizes those aspects of European civilization that led to the success of liberalism in some areas and failure in others and the developments that resulted in World War I, World War II, the dismantling of colonialism, the Cold War, and the European Union. Covers main historical themes and events and gives attention to subjects of less significance to Europe, such as Europe's role in the Middle East.

HIS 340

Colonial America to Early National, 1607 to 1830 3 credit hours

Designed to give the student of American history and culture a background for study of later eras of the nation's development. Focuses on the transportation of English culture to the eastern frontier of the New World during the 17th and 18th centuries. Presents the roles that French and Spanish civilizations played in forging the new Anglo-American character. Includes the Revolution, the formation of the Constitution, and the first decades of the young American nation as it created its own identity.

HIS 343

Civil War and Reconstruction U.S., 1830 to 1877 3 credit hours

A study of the political, social, economic, and intellectual roots of the Civil War; the war itself, and the period of Reconstruction during the decade following the war.

HIS 344

Early Modern United States, 1877 to 1929: Gilded Age to World War I 3 credit hours

An analysis of the foundations of the 20th-century United States. Includes the pre-eminence of big business, subordination of politics, reform movements and organization of labor, the impact of urbanization and immigration, agriculture and the completion of Manifest Destiny, cultural and intellectual trends and foreign affairs, the Progressive movement, international affairs and World War I, and economic and social trends of the twenties.

HIS 345

United States Since 1929 3 credit hours

A study of the New Deal and World War II, international politics and the Cold War, recent domestic politics, cultural and intellectual trends, and the U.S. in global perspective.

HIS 351

Evangelical and Charismatic Christianity in America 3 credit hours

Explores the roots of evangelical, Pentecostal, and charismatic Christianity in America and traces the development of these movements up to the present. Emphasizes the Wesleyan revivals; the late-nineteenth-century holiness and Pentecostal movements in the American South; and the twentieth-century emergence of fundamentalism, neo-evangelicalism, the religious right, and the charismatic movement.

HIS 361

Colonial Latin America 3 credit hours

An examination of the pre-Columbian cultures of the New World as well as the Spanish influence on them through discovery and conquest. Emphasizes the clash of cultures and the establishment of Spanish religious, social, and governmental patterns relevant to today.

HIS 362

Survey of Latin America 3 credit hours

A survey of the history of Latin America from the pre-Columbian period to the present. Presents an overview of the religious, cultural, political, and social institutions that make Latin America a unique region.

HIS 371

Islamic Middle East 3 credit hours

Explores the development of Islam and its influence on the history of the Middle East to 1798 and the invasion of Egypt by Napoleon. The first part of the course focuses on Muhammad and Islam, with all its tenets and sects.

HIS 372

Ancient Near East 3 credit hours

Charts the history of the Ancient Near East from the dawn of history—the beginning of writing—until the

Persian Period. Includes the history of Israel, especially connections between Israel and her Old World neighbors. Focuses on the ancient kingdoms and peoples who made up the world of the Bible. Includes a discussion of the rediscovery of these antiquities, including the development of archaeology, the deciphering of languages, and the great finds and sites.

HIS 381

Modern China and Japan 3 credit hours

A survey of the influence of the ancient past of China, Japan, and the East Asian area in the 20th century. Major themes include Christian missions and China and Japan's political, religious, and cultural past and present.

HIS 382

History of India and Southeast Asia 3 credit hours

A survey of the influence of the ancient past of India and Southeast Asia in the 20th century. Major themes include the European colonial legacy, nationalism, religion, Christian missions history, and recent developments.

HIS 425

Eastern European History 3 credit hours

Covers the history of Russia 1700-1917, the Soviet State 1917-1991, and eastern and central Europe. Emphasizes the spread of Marxism in the background and events of the 1917 revolutions, the establishment of the Soviet regime, the period of Nazism, and the evolution of the Communist Parties and the societies throughout the European Communist Block.

HIS 464

The Caribbean, Mexico, and Central America 3 credit hours

Examines issues in Latin American history and culture and emphasizes student research. An examination of the history of Mexico, Central America, and the Caribbean from pre-Columbian times until the present.

HIS 472

Twentieth Century Middle East 3 credit hours

Details the development of the nations of the Middle East from World War I to the present. Gives particular attention to the wars in the region and the strategic geo-political significance.

HIS 473

The Rise of Modern Israel 3 credit hours

Examines the history of the modern state of Israel from the appearance of modern Zionism to the present. Emphasizes the Arab-Israeli conflict and the wars in the regions.

HIS 477

Secondary Methods: Social Studies 3 credit hours

A course designed to prepare social studies education students with ideas and practical knowledge for the classroom. Focuses on materials and methods of teaching social studies core disciplines (history, government, geography) to middle and high school students. Includes materials and methods of teaching the related disciplines of economics, psychology, sociology, and anthropology.

HIS 479**Readings in History****3 credit hours**

Special studies in history. Covers general or specific areas to meet student needs. Topics vary.

Prerequisites: Instructor permission and approval of the department chair.

HIS 483**Contemporary Asia,****1945 to Present****3 credit hours**

A study of 20th and 21st century Asian history that has led to the present growth, issues, and concerns. Included are the regions from India, Afghanistan, Pakistan, and western Russia to East Asia, Southeast Asia, Australia, and New Zealand. Covers political, societal, economical, cultural, and religious changes in light of modern and post-modern thought that have affected this area and conversely how Asia has affected and will continue to affect the world in the future. Includes Christian missions history.

HIS 490**Department Seminar****3 credit hours**

Focuses on topics and geographic areas not covered in other courses. Topics may include women's history, African history, and history of the American presidency. Seminar emphasizes student research.

HIS 491**History Internship****3 credit hours**

An internship in a local, state, national, or international organization that is devoted to the study of historical research, writing, and practical experience.

Prerequisites: Permission of instructor; senior standing.

HIS 499**Senior Paper/Project****3 credit hours**

A refresher course in research methods and in writing and critiquing research papers. Requires a 20-25 page historical research paper.

HIS 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

HONORS (HONR)**HONR 100****Freshman Honors Seminar****0 credit hour**

Introduces first year honors students to the honors community at ORU. Seminar topics are selected to help expose new students to important issues such as scholarship, leadership, service learning, and prestigious scholarships. Includes a variety of activities, talks led by faculty and student leaders in the honors program, and small group discussion.

Prerequisite: Honors Fellow or Scholar standing.

HONR 101**Artistic Expression****3 credit hours**

An interdisciplinary seminar in literature and art.

Explores major developments in literature and the visual arts. Written and visual materials illustrate the ways that literature and art have converged and diverged in response to changes in worldview. Students use critical thinking and writing skills to evaluate the effects of shifts in the form and content of one medium on the other and the impact of those shifts on western culture. (This course substitutes for ENG 101).

Prerequisite: Honors Fellow standing.

HONR 102**Philosophy of Science****3 credit hours**

A basic study of the philosophy of science, which includes a general understanding of philosophy and its impact on the natural sciences. Emphasizes the science and philosophy of origins, scientific ethics, Western scientific thought and its impact on Christian thought and practice, and formulation of a charismatic, evangelical response and perspective on the Western scientific enterprise. (This course substitutes for HUM 214.)

Prerequisite: Honors Fellow or Scholar standing or theological-historical studies major with a Christian philosophy concentration or science education major.

HONR 201**Principles of Leadership****3 credit hours**

An overview of the art and science of leadership and leadership development. Examines research-based models of interdisciplinary leadership and leadership development through reading, reflection, interaction, collaboration, team work, and problem solving. Emphasis is on understanding and developing emotionally intelligent leadership. (This course substitutes for the social sciences elective for general education.)

Prerequisite: Honors Fellow or Scholar standing.

HONR 202**History of Quantitative Thought****3 credit hours**

An interdisciplinary course in mathematics and history. Explores the history of mathematics from ancient Greek and Babylonian periods to the dawn of modern mathematics (3000 B.C.-1600 A.D.). Explores the historical and cultural connections between mathematical innovations and the ambient social and philosophical climates in which they were developed. (This course substitutes for HUM 213.)

Prerequisite: Honors Fellow or Scholar standing.

HONR 301**Faith and Civilization in Context****3 credit hours**

An interdisciplinary seminar in humanities and theology. Explores the various stages of Western civilization from the Roman Empire to the present and the impact and influence of the Christian faith upon it. (This course substitutes for HUM 111.)

Prerequisite: Honors Fellow or Scholar standing.

HONR 303**Science and the Imagination****3 credit hours**

Examines the relationship of science and science fiction from a historical and critical viewpoint. Through lecture and discussion, students learn how science and science fiction influence each other. Students respond to readings through class discussion and appropriate writing. (This course substitutes for ENG 305.)

Prerequisite: Honors Fellow or Scholar; sophomore standing or higher.

HEALTH, PHYSICAL EDUCATION, AND RECREATION (HPE)**HPE 001****Health Fitness I****1 credit hour**

Designed to develop an understanding of and personal appreciation for the relationship of physical activity and fitness to health. Emphasizes the concepts of health fitness through the conditioning of the cardiorespiratory system and the development of a healthy lifestyle. Includes consumer health information and a required weekly physical activity lab.

Prerequisites: Medical Assessment

Course Fee: \$30.

HPE 002**Health Fitness II****1 credit hour**

A continuation of Health Fitness 001 course with an emphasis on total body health fitness. Focus areas include cardiorespiratory fitness, nutrition, body composition, musculo-skeletal fitness, and stress management. Includes consumer health information and a required weekly physical activity lab.

Prerequisite: HPE 001.

HPE 003-150**General Education****Physical Activity Courses****0.5-1 credit hour**

A variety of activity courses, such as swimming, tennis, and backpacking. (An activity class may be taken only twice for credit.)

- HPE 003 Total Conditioning
- HPE 005 Fitness Club
- HPE 007 Basic First Aid and CPR and Fitness
- HPE 012 Bowling and Fitness
- HPE 016 Beginning Badminton and Fitness
- HPE 017 Advanced Badminton and Fitness
- HPE 020 Beginning Golf and Fitness
- HPE 021 Advanced Golf and Fitness
- HPE 024 Intermediate Swimming and Fitness
- HPE 025 Aquatic Exercises
- HPE 026 Beginning Swimming and Fitness
- HPE 027 Swim Conditioning
- HPE 028 Beginning Tennis and Fitness
- HPE 029 Intermediate/Advanced Tennis and Fitness
- HPE 030 Weight Training and Fitness
- HPE 031 Advanced Weight Training and Fitness
- HPE 036 Scuba and Fitness
- HPE 037 Scuba Rescue and Fitness
- HPE 038 Scuba Open Water and Fitness
- HPE 039 Scuba Master Diver and Fitness
- HPE 040 Advanced Scuba and Fitness
- HPE 042 Creative Aerobics and Fitness
- HPE 044 Step Aerobics and Fitness
- HPE 045 Pilates for Christians and Fitness
- HPE 046 Equestrian and Fitness
- HPE 047 Intermediate Equestrian and Fitness
- HPE 051 Volleyball and Fitness
- HPE 053 Intermediate/Advanced Volleyball and Fitness
- HPE 054 Racquetball and Fitness
- HPE 080 Adaptive Physical Education
- HPE 084 Self-Defense and Fitness
- HPE 092 Exercise and Weight Control
- HPE 093 Body Sculpting and Fitness
- HPE 095 Beginning Mountain Biking and Fitness
- HPE 096 Intermediate/Advanced Mountain Biking and Fitness

HPE 097 Backpacking and Fitness
 HPE 099 Aerobics Proficiency*
 HPE 100 Walk for Fitness
 HPE 101 Fitness for Life I
 HPE 102 Fitness for Life II
 HPE 120 Dance Aerobics Proficiency
 HPE 124 Lifeguarding and Fitness

Varsity*

HPE 034 Varsity Cheerleading and Fitness*
 HPE 070 Varsity Basketball
 HPE 071 Varsity Tennis
 HPE 072 Varsity Baseball
 HPE 073 Varsity Golf
 HPE 075 Varsity Track and Field
 HPE 076 Varsity Volleyball
 HPE 079 Varsity Soccer

Prerequisites: HPE 001 and 002 or GHPE 503/703.
 Course fees: Backpacking, \$60; golf, equestrian, lifeguarding, and bowling have fees that are subject to change.

*Additional prerequisites need to be met.

HPE 120 Dance Aerobics Proficiency 0 credit hours

Designed for dance majors, the course helps students to develop and implement a personal fitness exercise program through dance.

Prerequisites: HPE 001 and 002; dance performance major.

HPE 200 Introduction to Health, Physical Education, and Recreation 3 credit hours

A study of the basic concepts and principles that form the foundation of health, physical education, and recreation. Designed to acquaint the student with the organized body of knowledge in the disciplines and provide an understanding of the management of their programs.

HPE 202 Introduction to Leisure Services 3 credit hours

The study of leisure with an emphasis on the role of leisure and recreation in American culture. Includes the relationships of leisure with religion, family life, business, employment, environmental concerns, and political/governmental issues.

HPE 228 Theory of Coaching 2 credit hours

Provides the foundation for coaching sports at any level. Discusses differences in the levels of competitive sport, emphasizes professional and personal development, and offers methods for constructing plans for meeting coaching goals.

HPE 231 Personal Health Science 3 credit hours

A study of critical personal health topics including drugs, mental health, stress management, smoking, alcohol, cancer, cardiovascular disease, nutrition, and weight management.

HPE 233 Safety and First Aid 3 credit hours

A study of accident prevention and personal safety. Includes practicing immediate first aid treatment. May

earn American Red Cross Standard First Aid and CPR certificates.

HPE 314 Motor Learning, Games, and Adaptive PE 3 credit hours

Develops a knowledge of motor learning, elementary games, and activities essential to the growth and development of the elementary age child. Discusses knowledge, skills, and techniques for instruction in a variety of activities. Provides practicum experiences to enhance and reinforce class learning.

HPE 315 Organization and Administration of Programs 3 credit hours

Equips the student with a series of management, promotion, and other administrative tools necessary to successfully operate health and/or recreational facilities and programs. Presents design, implementation, evaluation, and problem-solving for health spas, recreation complexes, corporate fitness centers, and hospital wellness programs.

HPE 316 Kinesiology and Biomechanics 3 credit hours

An applied study of human performance, including musculoskeletal actions, analysis of sports skills, and training and conditioning techniques, with application of mechanical laws and principles to basic performance patterns.

Prerequisites: HPE 319; or PHS 223 and 224.

HPE 318 Psychology of Sport 2 credit hours

Designed to provide preparation essential for the students' of the psychology of sport. Discusses psychological variables affecting motivation, anxiety, aggression, skill acquisition, and self-confidence.

HPE 319 Applied Anatomy and Physiology 4 credit hours

A study of gross structure and physiology of the human body. Includes the following systems: skeletal, muscular, articular, circulatory, respiratory, digestive, and endocrine. Explores the interplay of structure and function necessary in promoting efficient human movement. Examines the effects of exercise on each of the body's systems. Includes a weekly 3-hour lab.

HPE 320 Prevention and Care of Sports Injuries 3 credit hours

A course designed for prospective coaches, trainers, and health and physical educators to aid them in the prevention, recognition, evaluation, and care of athletic injuries. Lecture and lab sessions focus on taping methods and the rehabilitation of injuries. Recommended prerequisites: HPE 319; or PHS 223 and 224.

HPE 324 Exercise Physiology 3 credit hours

A study of the physiological bases of muscular activity with special attention to general effects of exercise on body function. Includes the properties of muscles; physiological effects of muscular exercise, physical conditioning, and training; the significance of these effects for health

and performance; and an analysis of physical fitness.

Prerequisites: HPE 319; or PHS 223 and 224.

HPE 331 Outdoor Recreation and Camping 3 credit hours

Explores the use of outdoor areas for recreation as well as the local, state, and federal government's involvement in parks, playgrounds, and outdoor recreation. Also discusses organization, administration, programming, and staffing for camps.

HPE 343 Leadership in Sports and Leisure Services 3 credit hours

An examination of the recreational activities pertinent to schools, camps, recreation centers, and churches. Discusses the leadership role of the recreation director in supervising and directing volunteers and other personnel in the recreation program.

HPE 344 Recreation Programming 3 credit hours

A study of the various recreational programs and the methods of delivering those programs to the community. Includes a discussion of a wide range of sports, social, educational, personality enrichment, and human-service program. Also discusses the key stages of program development.

HPE 353-360 Theory and Analysis of Teaching Sports and Physical Activities 2 credit hours each

Courses designed to provide preparation essential for the instruction of activities in the physical education and recreation setting. Emphasizes instructional methods, analysis of skill movements, and group organization.

HPE 353 Soccer/Volleyball
 HPE 354 Track and Field/Weight Training
 HPE 356 Aquatics
 HPE 357 Football/Badminton
 HPE 358 Golf
 HPE 359 Tennis/Pickleball
 HPE 360 Softball/Basketball

HPE 402 Exercise Prescription for Special Populations 3 credit hours

A study of the aerobics concept of conditioning, with special emphasis upon the cardiorespiratory system and the relationship between lifestyle and the risk factors of heart disease. Students learn to write exercise prescriptions to maintain health and fitness for various populations (normal, young, rehabilitation, geriatric, etc.)

Prerequisite: HPE 324.

HPE 412 Techniques of Health Fitness Evaluation 3 credit hours

A thorough analysis of evaluating an individual's strength, muscular endurance, cardiorespiratory fitness, flexibility, body composition, and nutritional status. Provides lab practice in the assessment of health fitness with special emphasis on ECG interpretation.

Prerequisite: HPE 324.

HPE 451 Directed Study 1-3 credit hours

The study of an approved topic, project, or practicum.

Intended to supplement a subject already studied in an HPE class or to allow investigation of another subject or experience not addressed in a formal HPE class.
Prerequisite: HPE major.

HPE 452
HPE Methods and Evaluation
3 credit hours

A course designed for future physical education teachers to develop knowledge in the areas of curriculum development, methods of teaching, techniques of measurement and evaluation, and organizing instruction for the elementary and secondary physical education programs. Focuses on applying contemporary theories and practices to the context of elementary, intermediate, and secondary schools. Includes teaching processes that involve philosophy, motor learning, planning, organizing, presenting materials, evaluating, and reading current professional literature.

HPE 481
Internship in Health and Exercise Science
2-12 credit hours

Involvement in organizing and administering health fitness and physical therapy programs in one of several settings: health clubs, YMCAs or YWCAs, corporations, and medical facilities. (Credit varies according to the internship. The HPE Department chair and the student's advisor approve the number of credit hours.)
Prerequisites: HPE 324, 402, 412, plus HPE major or minor and senior status.

HPE 482
Internship in Recreation Administration
2-5 credit hours

Involvement in organizing and administering recreation-oriented programs in one of several settings: YMCAs or YWCAs, communities, schools, and recreation centers. (Credit varies according to the internship. The HPE Department chair and the student's advisor approve the number of credit hours.)
Prerequisites: HPE major or minor and senior status.

HPE 499
Research in HPE (Senior Paper)
3 credit hours

An independently guided study for the purpose of doing research in the field of emphasis. The outcome of this project is a well-written research paper that fulfills the senior paper requirements.
Prerequisites: COMP 303; senior HPE major.

HPE 999
1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)
Prerequisite: Approval by petition to department chair.

HUMANITIES (HUM)

HUM 101
Humanitas: Introduction to Humanities
3 credit hours

A topical approach to studying the state of the human race. Introduces students to multi-disciplinary study utilizing the humanities as a vital multi-tool to evaluate important issues facing humanity. Focuses on civilization through mythology, philosophy, culture, worldview, religion, politics, economics, and the human creative spirit. Emphasis is placed on developing critical and

creative thinking skills as well as understanding ethics as a philosophical system to guide human behavior.

HUM 111
Introduction to Humanities I
3 credit hours

A survey and synthesis of the history, literature, culture, and worldviews of Greco-Roman Classical and Medieval Christian cultures. (Available only through distance learning.)

HUM 112
Introduction to Humanities II
3 credit hours

A survey and synthesis of the history, literature, culture, and worldviews of the late Medieval, Renaissance, and Reformation periods in Western civilization. Gives attention to the major world civilizations whose ideas, values, and cultures influenced Western experience. (Available only through distance learning.)

HUM 213
Modern Humanities I
3 credit hours

Focuses on human culture between 1650 and 1850 and reflects the modern search for reality and truth by people living then. Includes history, ideas, and institutions in the human search for meaning and purpose in life. (Available only through distance learning.)

HUM 214
Modern Humanities II
3 credit hours

Focuses on human culture between 1850 and the present and reflects the modern search for reality and truth since 1850. Includes history, ideas, and institutions in the human search for meaning and purpose in life. (Available only through distance learning.)

HUM 222
Ancient and Medieval Humanities
3 credit hours

A historical survey and worldview synthesis emphasizing philosophical, religious, political, economic, artistic, and aesthetic developments of human culture and civilization from the dawn of history to 1400 A.D. Focuses on the ancient world, Greece, and the classical past of the Western world, the Roman Empire, and Medieval Europe.

HUM 233
Renaissance and Enlightenment Humanities
3 credit hours

A historical survey and worldview synthesis emphasizing philosophical, religious, political, economic, artistic, and aesthetic developments of human culture and civilization from 1400 to 1800 A.D. Focuses on the Renaissance, the Reformation and Counter-Reformation, the Scientific Revolution, Western exploration and expansion, the Enlightenment, and the American Revolution.

HUM 244
Romantic and Modern Humanities
3 credit hours

A historical survey and worldview synthesis emphasizing philosophical, religious, political, economic, artistic, and aesthetic developments of human culture and civilization from 1800 to the present. Focuses on the Modern world, including Romanticism, the French Revolution, the Industrial Revolution, World Wars and conflicts, globalization, and the emergent Post-Modern culture.

HUM 250
Art History Survey I
3 credit hours

A study of the world arts, artists, and their cultures from prehistoric times through the Gothic Period. (Crosslisted with ART 103.)
Course fee: \$15.

HUM 255
Art History Survey II
3 credit hours

A study of world painting, sculpture, and architecture from the birth of the Italian Renaissance through the eighteenth century. (Crosslisted with ART 104.)
Course fee: \$15.

HUM 260
Music Appreciation
3 credit hours

A non-technical course aimed at increasing the enjoyment and appreciation of music by the listener with little or no previous music background. Includes a brief survey of music history and the basic principles of music form as illustrated by masterworks. (Crosslisted with MUS 300.)

HUM 270
Introduction to Theatre
3 credit hours

A study of the various elements and functions of theatre in society. Focuses on becoming an intelligent artistic critic and evaluating art from a Christian perspective. Provides the student with an overall introduction to the theatre arts. Includes theatre as an art form, the basic elements of a play, the role of the critic, the audience, the scene designer, the director, the customer, and the director. Places special emphasis on developing evaluative skills while watching theatre. (Crosslisted with DRAM 215.)

HUM 300
Cultural Periods
3 credit hours

An analysis of the range of cultural expressions in a designated time period. Examples include "The Ancient World, 2000 B.C. to A.D. 400"; "Comparative Culture, 1650 to 1800"; and "Immediate Precedents, and Developments from 1918 to 1960."

HUM 301
Christian Worldview and Culture
3 credit hours

Examines the nature and function of belief structures and the value of developing a distinctly Christian worldview based on foundational Biblical themes such as the Creation, humanity in God's image, sin and the fall of man, evil, redemption, and restoration. Compares and contrasts various worldviews using the philosophical categories of metaphysics, epistemology, and axiology. Surveys shifts in worldviews over time and examines worldviews as observed in art, literature, music, history, economics, politics, and religion.

HUM 333
Humanities Travel Studies
3 credit hours

Foreign travel with humanities faculty or with other pre-approved trips abroad that provide first-hand encounters with the culture and history of a nation or region of the world. Students visit historic sites and hear lectures explaining the history, geography, literature, and art of each region they visit. Includes pre-travel cultural studies as well as post-travel writing assignments that

include selected readings from the departmental humanities textbook.

HUM 350
Area Studies
3 credit hours

A survey of the culture of a specific world region. Examples are "Islamic Culture, A.D. 600 to the present"; "Latin America, Civilization, and Culture"; and "Africa, Precolonial Civilizations to Modern Nationhood." (Honors sections are available.)

HUM 400
Major Figures
3 credit hours

A study of great human beings, so called because they are human definitions and expositions of great ideas and spiritual insights. Students learn to view people who fit this mold as an integration of vital humanities patterns.

HUM 450
Thematic Readings
3 credit hours

Topics relevant to civilization and the nature of human experience across time and cultures. Examples include "Nationalism and National Conflict" and "Humanism, Scientism, and Modern Society."

HUM 490
Integrative Seminar
3 credit hours

The humanities minor capstone course. Focuses on evaluating the meaning of contemporary human experiences and integrating historical, philosophical, theological, aesthetic, social-political, and economic aspects as appropriate.

HUM 999
1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

INTERACTIVE MEDIA (INT)

INT 201
Introduction to Interactive Media
3 credit hours

Introduces students to the Internet and other interactive technologies. Concepts and formats include those common to most interactive, computer-controlled technologies such as CD ROM, DVD, hand-held devices, video games, interactive television, virtual reality, and other new technologies.

Course fee: \$40.

INT 202
Introduction to 3-D and Animation
3 credit hours

Provides a general overview of principles related to animation and 3-D computer graphics. Focuses on modeling, texturing, and animating simple objects.

INT 212
Workshop: Interactive Media
1-3 credit hours

Experience in reporting, writing, and posting breaking

news and features as well as photos and video for the online Website associated with ORU Student Publications. Students are assigned a beat and work as a team to produce campus news coverage as part of a 24/7 operation.

INT 301
Intermediate Interactive Media
3 credit hours

A survey of new communication technologies in the United States, including their applications and effects. Provides a balance between concepts and application. Guest speakers offer insights on specific topics in telecommunications economics and policy. (This course is taught in the MultiMedia Institute.)

Prerequisite: Junior standing.

MMI fee: Cost of the student's high-end laptop computer and programs.

INT 302
Advanced 3-D and Animation
3 credit hours

Provides an advanced overview of principles related to animation and 3-D computer graphics. Improves student ability to model, texture, and animate objects as they learn advanced techniques related to topics such as layout customization, lighting, hypervoxels, surfacing, skelgons and other issues.

INT 401
Advanced Interactive Media
3 credit hours

Introduces students to methods and tools required to produce computer-based interactive media such as CD ROMs, the web and an introduction to DVDs. Emphasizes hands-on mini-projects that require the use of authoring, video, graphics and audio editing software. Principal tools include Macromedia Director/Flash/Dreamweaver, Adobe Premiere/After Effects/Photoshop/Illustrator software.

Prerequisites: Instructor's permission.

Course fee: \$40.

INT 499
Senior Research Project
3 credit hours

Specialized research culminating in a senior paper and/or other approved project.

Prerequisite: Permission of instructor.

Course fee: \$40.

INT 999
1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

INTERNATIONAL STUDIES (IS)

IS 301
Christian Worldview
3 credit hours

A study of the Christian worldview and how it should form the conceptual foundation for human thought and action within a culture of competing worldviews. In a time of growing anti-intellectualism in the Church and marginalization of Christianity in society, this course provides the understanding necessary to effectively communicate the truth of Christianity so that society can be transformed. Addresses practical application of

Biblical principles to current cultural issues.

(Crosslisted with GCSE 511.)

IS 350
Internship in International Studies
3-12 credit hours

A supervised, on-the-job experience with an approved business, industry, government, or mission agency. The intern puts into practice the skills and knowledge gained from the chosen areas of concentration. May be done in the U.S. or abroad.

IS 361
Foundations of International/ Community Development
3 credit hours

Provides an overview of International/Community development as a profession. Emphasizes the integration of knowledge from many disciplines such as economics, sociology, missions, and politics. Demonstrates how theory, research, teaching, and practice are important and interdependent functions that are vital in the public and private sectors.

IS 370
Problems in International/ Community Development
3 credit hours

Directed independent research on a contemporary problem or topic in international studies and community development. This course is offered by arrangement with a faculty member in international studies. A written report and/or an oral presentation are required.

IS 391
Seminar in International/Community Development
3 credit hours

In-depth studies of the various areas of ministry and opportunities in international/community development, including a survey of current needs around the world.

IS 462
Needs Assessment and Program Evaluation
3 credit hours

Focuses on the elements and processes of needs assessments, program planning and development, proposal writing, and program evaluation. Students gain experience and skills by developing and writing a funding proposal.

IS 499
Senior Seminar and Paper
3 credit hours

A capstone course required of all ICD seniors. Contains two distinct phases: directed individual research and writing of the senior paper and the planning, preparing, and delivery of a seminar presentation. Students eligible for graduation honors must complete a successful oral defense of the senior paper before a faculty committee. Prerequisite: IS 350.

IS 999
1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

JOURNALISM (JRN)

JRN 107

Newswriting I 3 credit hours

Introduces students to newspaper, reporting, and writing. Prerequisites: MMC 104 and typing ability. Corequisite: JRN 108. Course fee: \$20.

JRN 108

Newswriting I Lab 1 credit hour

A study of the *Associated Press Stylebook* for use in editing copy for all forms of media. Corequisite: JRN 107.

JRN 205

Writing for the Media 3 credit hours

An advanced course in writing for mass media. Introduces complex concepts and methods of journalism for all areas of mass media, especially writing news and feature stories for print and writing for broadcast news, radio news, television and cable news, public relations, advertising, promotions, and the web. Prerequisites: MMC 104 and 107. Course fee: \$20.

JRN 214

Workshop: Newspaper 1-3 credit hours

Provides indepth experience in various aspects of newspaper journalism on the ORU campus under the guidance and critical evaluation of a professor or advisor associated with *The Oracle*, the ORU student newspaper. Students are involved in the production of articles for *The Oracle* and/or in the editorial or business management of the publication. (May be repeated for credit.) Prerequisite: Instructor's permission. Course fee: \$20.

JRN 215

Workshop: Newsgathering 1-3 credit hours

Experience in field reporting, research, gathering, and anchoring news production. Students are assigned a beat and work as a team in producing a weekly 30-minute newscast. (May be repeated for credit.) Prerequisites: MMC 107 or 205; MMC 203 and 432. Course fee: \$40.

JRN 305

News Editing 3 credit hours

A study of the use of principles and practices involved in editing copy (manually and electronically), writing headlines, and doing page layouts for small daily and weekly newspapers. Prerequisites: ENG 101; MMC 104, 107; and MMC 317 recommended.

JRN 317

Investigative Reporting 3 credit hours

Combines basic reporting skills with practical experience, including news writing, press conferences, and interviews. Prerequisites: MMC 107 and 104; typing ability. Course fee: \$40.

JRN 321

Media Law and Ethics 3 credit hours

A historical examination of the development of legal casework affecting journalists and media communicators. Uses a case study approach involving copyright, freedom of press, freedom of speech, libel, defamation, right of privacy, and obscenity. Prerequisite: Junior or senior standing in Mass Media Communication.

JRN 332

Journalism Seminar 3 credit hours

A multi-directional course with rotating course content emphasizing multiple areas of basic and advanced journalism studies. Includes editing for print, newspaper design and layout, and journalistic ethics. Prerequisites: MMC 107 and 205.

JRN 444

Feature Writing 3 credit hours

An in-depth study of techniques required to conduct creative interviews and to research, write, and sell feature articles. Prerequisite: MMC major; MMC 104, 107, 317.

JRN 499

Senior Research Project 3 credit hours

Specialized research culminating in a senior paper and/or other approved project. Prerequisite: Permission of instructor. Course fee: \$40.

JRN 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.) Prerequisite: Approval by petition to department chair.

LEADERSHIP STUDIES (LEAD)

LEAD 399

Leadership Studies Practicum 3-9 credit hours

An internship involving leadership in a local, state, national, international, or non-profit organization, or a business, church, or other suitable site. Prerequisites: Permission of Instructor.

LEAD 499

Senior Paper Leadership Studies 3 credit hours

Student preparation of a research paper under the direction of a faculty member. Includes instruction in research methods and styles and in critiquing written materials. (Students eligible for graduation honors must complete a successful oral defense before a faculty committee.) Prerequisites: Senior standing.

LEAD 499

1-3 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.) Prerequisite: Approval by petition to department chair.

MATHEMATICS (MAT)

MAT 099

Introduction to College Mathematics 3 credit hours

A non-specialized course in mathematics that surveys the basic concepts of high school mathematics. (Does not count toward a major or minor in mathematics. Increases the number of hours in a degree program by three credit hours. Does not satisfy general education requirement.)

MAT 105

College Algebra 3 credit hours

An introduction to college algebra that builds on knowledge already accumulated and brings new concepts and technologies into focus to strengthen students' critical thinking processes. (Offered only through the ORU Home School College Program.)

MAT 113

Mathematical Analysis I 3 credit hours

A treatment that develops the concepts of number systems, absolute value, inequality, domain, range, local extremes, zeros, relations, and functions. Functions studied include those that are linear, polynomial, radical, absolute value, exponential, and logarithmic. (Does not count toward a major or minor in mathematics.)

MAT 114

Mathematical Analysis II 3 credit hours

A continuation of MAT 113. The concepts developed in the first course are expanded and considered in relationship to rational functions, trigonometric functions, and conic sections. (This is the second course in a two-semester sequence preparing students for calculus. Does not count toward a major or minor in mathematics.) Prerequisite: MAT 113.

MAT 151

Mathematics and Society 3 credit hours

A study of the pattern and order in the universe, including creative thought in making conjectures based on inductive reasoning and application in problem-solving using deductive reasoning. Covers problem-solving, statistics, finance, and logic. (Does not count toward a major or minor in mathematics. Writing-intensive sections are available.)

MAT 201

Calculus I 4 credit hours

A thorough course in the differential calculus (with the introduction to anti-differentiation), dealing with the following functions and their applications: algebraic, vector, and transcendental and their inverses. Prerequisite: MAT 114.

MAT 202

Calculus II 4 credit hours

An extension of the techniques used in MAT 201, with an emphasis on standard methods of integration and infinite sequences and series. Prerequisite: MAT 201.

MAT 207**Discrete Mathematics****3 credit hours**

A study of logical reasoning and proof that provides a coherent context in which sets, combinatorics, iteration, and algebraic structures of a discrete nature are considered.

Prerequisite: MAT 202.

MAT 208**Elementary Discrete Mathematics****3 credit hours**

The study of mathematical structures that are fundamentally discrete rather than continuous. Covers logical reasoning proof that provides a coherent context in which sets, combinatorics, iterations, and algebraic structures of discrete nature are considered. Includes how concepts and notations from discrete mathematics are useful in studying and describing objects and problems in computer algorithms and programming languages, and how they have applications in cryptography, automated theorem proving, and software development.

MAT 211**Differential Equations****3 credit hours**

A study of linear n th order ordinary differential equations, existence and uniqueness of solutions, and various techniques for solving differential equations.

Prerequisite: MAT 202.

MAT 221**Mathematics Concepts I****3 credit hours**

A study of the underlying theory of elementary mathematical topics, including problem-solving, sets, numeration, computational algorithms, number theory ratio, proportion, percent, real numbers, and introductory algebra. (Does not count toward a major or minor in mathematics.)

Prerequisite: MAT 151.

MAT 222**Mathematics Concepts II****3 credit hours**

A study of the underlying theory of elementary mathematical concepts including probability, permutations, combinations, geometry, metrics, congruence, similarity, cartesian coordinates, and transformations using a problem-solving approach. (Does not count toward a major or minor in mathematics.)

Prerequisite: MAT 221.

MAT 232**Elementary Statistics****3 credit hours**

Designed for students of social and health sciences, education, and business. Includes both descriptive and inferential methods and treats the fundamental concepts exemplified by frequency distributions, measures of central tendency, and variability; the interpretation of results; hypothesis testing; regression; analysis of variance; and chi-square. (Does not count towards major or minor in mathematics.)

MAT 300**Senior Paper/Project Preparation 1 credit hour**

Assists students in preparing for their senior paper/project and ePortfolio.

MAT 312**Linear and Matrix Algebra****3 credit hours**

A study of vector spaces, systems of equations, linear transformations, matrices, determinants, and applications.

Prerequisite: MAT 202.

MAT 313**College Geometry****3 credit hours**

An extension of topics considered in high school geometry. Employs the analytic method of discovering proofs in the study and application of many fundamental geometric relationships.

Prerequisite: MAT 207.

MAT 315**History of Mathematics****3 credit hours**

A historical perspective on the development of mathematics. Studies mathematical progress from the ancient Greek and Babylonian periods to present. Explores the contributions of famous mathematicians as well as mathematical systems, their properties, and their use.

Prerequisite: MAT 312.

MAT 318**Elementary Number Theory****3 credit hours**

A study of the properties of integers; congruences; residue classes; theorems of Fermat, Wilson, Euler, Legendre, and Gauss; polynomial congruences; and quadratic residues.

Prerequisite: MAT 207.

MAT 321**Calculus of Functions of Several Variables****4 credit hours**

A course studying the calculus of several variables including graphs of functions in three dimensions, partial derivatives, directional derivatives, optimization, multiple integrals, and calculus of vectors.

Prerequisite: MAT 202.

MAT 325**Probability and Statistics****3 credit hours**

Covers the basic theory of probability distributions, random variables, mathematical expectation, conditional probability, correlation, central limit theorem, sampling theory, interval estimation, and various statistical tests.

Prerequisite: MAT 202.

MAT 332**Introduction to Biostatistics****3 credit hours**

An intermediate-level statistics course for students of the health sciences that includes both descriptive and inferential statistics. Topics include sampling techniques, various standard distributions, hypothesis testing, and computer-related statistical packages. (Does not count toward major or minor in mathematics.)

Prerequisite: MAT 113 or special permission.

MAT 401**Higher Algebra****3 credit hours**

A consideration of classical abstract algebra. Structures included are groups, rings, integral domains, fields, and extension fields.

Prerequisite: MAT 312.

MAT 421**Advanced Calculus I****3 credit hours**

A development of a metric topology for the real number line. Includes connectedness and compactness of sets and continuity and differentiability of functions.

Prerequisites: MAT 202 and 321.

MAT 422**Advanced Calculus II****3 credit hours**

A continuation of MAT 421. Considers integrability and both pointwise and uniform convergence of sequences of functions.

Prerequisite: MAT 421.

MAT 428**Secondary Methods: Mathematics****3 credit hours**

A course designed to prepare mathematics education students with ideas and practical knowledge for the classroom. Focuses on materials and methods of teaching mathematics.

Prerequisite: Admission to the Professional Education Program.

MAT 429**Topics in Mathematics****1-3 credit hours**

A seminar surveying topics relevant to student interest and need. (May be repeated for a maximum of six hours credit.)

Prerequisite: Permission of the department.

MAT 433**Applied Statistics****3 credit hours**

An advanced level statistics course for students in the behavioral sciences, designed to target specific research problems and advanced statistical methods leading to graduate studies in the field. Topics include sampling techniques, non-parametric statistics, one-way and multi-way ANOVAs, MANOVAs, correlations, hypothesis testing, and research ethics.

Prerequisite: MAT 232

MAT 451**Mathematics Education Internship****2 credit hours**

A practicum in which the student works one-on-one with an ORU teacher to improve skills in course preparation and administration, time management, tutoring, and communication. The student has opportunity to learn about and become involved in professional organizations and research.

Prerequisite: Permission of department chair.

MAT 499**Senior Paper/Project****3 credit hours**

Special topics approved by the student and instructor.

Prerequisite: MAT 300

MAT 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

MECHANICAL ENGINEERING (ME)

ME 321

Mechanics of Materials **3 credit hours**

A study of elastic and inelastic stress-strain behavior of engineering materials, deflection of beams, and column action. Incorporates lab experience and design. (Crosslisted with PHY 454.)
Prerequisite: EGR 221.
Course fee: \$55.

ME 331

Applied Thermodynamics **3 credit hours**

Application of the principles of thermodynamics to components and systems. Examples include pumps, compressors, engines, turbines, and electricity-generating power plants. The thermodynamics of high speed flows are also covered. (Crosslisted with PHY 453.)
Prerequisite: EGR 231.
Course fee: \$55.

ME 371

Machines and Mechanisms **3 credit hours**

A study of the design of machines based on kinematic and kinetic requirements. Machine elements considered include linkages, cams, and engines. Presents inertia force analysis as a basis for the dynamic balancing of rotating machinery. Students conduct lab experiments and design and construct mechanism models.
Prerequisite: EGR 222.
Course fee: \$55.

ME 381

Principles of Design **3 credit hours**

The study and application of the methods of analysis used to design machine components based on the stresses and strains induced by static, dynamic, and thermal loads. Considers avoidance of failure due to impact, fatigue, wear, and surface damage. Introduces finite element analysis of structures. Design projects are required.
Prerequisite: ME 321.
Course fee: \$55.

ME 433

Heat Transfer **3 credit hours**

Problem-solving in the three modes of heat transfer—conduction, convection, and radiation—separately and in combinations. Additional topics include boiling, condensation, and heat exchanger design. Students conduct lab experiments, design a heat exchanger, and use the computer for complicated heat transfer analyses.
Prerequisite: ME 331.
Course fee: \$55.

ME 441

Fluid Mechanics **3 credit hours**

Analysis of the behavior of stationary and flowing fluids. Topics include fluid statics, control volumes, differential analysis, incompressible inviscid flow, dimensional analysis, incompressible viscous flows, and compressible flows. Students conduct water table experiments. Introduces computational fluid dynamics.
Prerequisite: ME 331.
Course fee: \$55.

ME 444

Experimental Methods **3 credit hours**

Introduction to experimental methods including measurement techniques, instrumentation, computer-aided data acquisition, and data analysis in mechanical and thermal-fluid systems.
Course fee: \$55.

ME 447

Finite Element Method **3 credit hours**

An introduction to the theory, programming, and application of the finite element method used to solve problems in engineering analysis and design. Includes using the computer to conduct a finite element analysis of two- and three-dimensional models.
Prerequisite: ME 321.
Course fee: \$55.

ME 450

Special Topics **3 credit hours**

Courses of current interest.
Prerequisite: Instructor's approval.
Course fee: \$55.

ME 461

Manufacturing Processes **3 credit hours**

The study of fabrication processes for the production of metallic, plastic, and composite parts. Includes process design and machine tool lab.
Prerequisites: MAT 201 and junior standing.
Course fee: \$55.

ME 495

Directed Study **1-3 credit hours**

Directed independent study on problems of limited scope approved on an individual basis. May require written and/or oral presentation.
Prerequisite: By arrangement with professor and approval of department chair.

ME 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)
Prerequisite: Approval by petition to department chair.

MANAGEMENT (MGT)

MGT 130

Principles of Management **3 credit hours**

A study of the functions of management; includes the analysis and evaluation of the planning, organization, staffing, controlling, and directing responsibilities of a manager. Covers the theory and applicability of management-by-objectives.

MGT 333

Supply Chain Management **3 credit hours**

An introduction to and analysis of the principles of supply chain management. Includes how supply chain management integrates many aspects of business functions such as forecasting, inventory management, materials

planning and control, information systems, supplier management, transportation/logistics, and customer service.
Prerequisites: MGT 130 and ACT 320.

MGT 341

Business Communications **3 credit hours**

A survey of all areas of business communications, not as an isolated unit of learning but as a universal activity. Designed to cultivate and refine a repertoire of basic essentials of communications.

MGT 351

Risk Management **3 credit hours**

A survey course outlining risk and insurance, including increased government participation in and regulation of insurance along with current versions of basic insurance contracts.

MGT 352

Organizational Behavior **3 credit hours**

A study of individual and group behavior and dynamics within organizations, with an emphasis on motivation, leadership, stress, group and intergroup dynamics, conflict, power and politics, and culture. (Crosslisted with GMGT 553.)
Prerequisite: MGT 130.

MGT 353

Human Resource Management **3 credit hours**

Studies the management of human resources at the organizational level, including human resource forecasting, planning, and training and development. Topics include the legislative environment of human resource management, labor relations, job analysis, recruiting, performance appraisal, and compensation.
Prerequisite: MGT 130.

MGT 372

Creative Thinking **3 credit hours**

An introduction to the modern practices of creative thinking in all areas of the business environment. (Crosslisted with GMGT 541.)

MGT 384

Real Estate Management **3 credit hours**

A survey of the concepts, practices, and problems related to the production, marketing, and financing of land and improvements to the land. Includes an analysis of the physical, social, governmental, and economic factors that influence the market for residential, recreational, commercial, and industrial real estate. Other topics include brokerage, legal, and ethical factors in real estate; investment strategy; land development; housing and construction; city planning; and land use controls.

MGT 421

Entrepreneurship **3 credit hours**

A study of the art and science of entrepreneurship. Develops technical knowledge through discussion of the tools needed to successfully start and operate a business. Emphasizes the qualitative aspects of entrepreneurship. (Crosslisted with GFIN 555.)

MGT 422**Small Business Basics****3 credit hours**

A survey of management principles concerning planning, organizing, directing, controlling, and staffing at the organizational level in the small business environment. (Crosslisted with GMGT 556.)

MGT 431**Strategic Management****3 credit hours**

Examines the operations of firms within industries from a macro perspective. Studies strategy formulation, strategy implementation, and strategy evaluation and control. Focuses on the competitive abilities and strategies of the firm and integrates concepts from the functional areas of accounting, finance, information systems, management, and marketing. (One of two capstone courses that must be taken by all ORU School of Business seniors.)

Prerequisites: Senior standing and FIN 338.

National Field Test: in Business fee: \$25.

MGT 443**Executive Development****3 credit hours**

A study of business career patterns, including a review of the actual careers of successful people in business and an analysis of their behavior patterns. Students relate this information to their own business careers. Includes the history, background, sources, causes of the behavior, and career patterns of the business executive. (Crosslisted with GMGT 443.)

Prerequisite: Business major or minor.

MGT 451**Management Internship****1-3 credit hours**

A special problem in management may be permitted for the student of special ability in lieu of a regular course. It is also possible upon receiving written approval from the instructor to obtain an on-the-job apprenticeship for one semester to provide data for writing a formal paper. (Credit received is determined by the nature and scope of the project.)

Prerequisite: Management major.

MGT 461**Conflict Resolution****3 credit hours**

An introduction to the principles and application of the processes and theories of personal conflict resolution, mediation, and negotiations. Focuses on conflict resolution in various business-related settings. (Crosslisted with GMGT 560.)

MGT 465**Administration of Nonprofit Organizations****3 credit hours**

A study of the functions of management—planning, organizing, leading, and controlling—within the nonprofit sector. Focuses on theories of organizations and general concepts of management, governance, and leadership. Includes organizational design, behavior, performance, and effectiveness and analyzes the special character and management of problems of nonprofit organizations. (Crosslisted with GMGT 521.)

MGT 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

MISSIONS (MISS)**MISS 300****History of Missions****3 credit hours**

A short survey of the history of modern missions and an examination of the tactics and practices of the Biblical basis of missions. Proposes a people-to-people strategy working from within the culture.

MISS 325**Introduction to Christian Missions****3 credit hours**

Provides a general overview of missions. Examines missionary principles and practices from Biblical, historical, and cultural perspectives and helps the students to formulate a personal approach to missions. It further prepares them for other related mission studies.

MISS 333**Theology of Missions****3 credit hours**

A study of the Biblical and theological basis and guidelines for the Church's world mission, with application to current practice. Includes contemporary theological perspectives on missions.

MISS 350**Missions and Culture****3 credit hours**

Examines the vital role culture plays in spreading the Gospel. Studies the origins and development of people groups from a cross-cultural perspective.

Prerequisite: MISS 325.

MISS 397**Missions Internship****3-6 credit hours**

A work program designed to provide practical experience in a mission environment. Spends a minimum of four months (three months in the summer) on the field under the supervision of competent mission personnel. Prerequisites: Prior cross-cultural experience and acceptance into the Mission Internship Program.

MISS 404**Church Growth and Planting****3 credit hours**

An orientation to the varied dimensions of starting new churches. Applies basic principles and procedures of church growth to both the world mission and local church situations. These studies are related to evangelism, mission, education, and administrative leadership.

MISS 455**Intensive Studies****1-3 credit hours**

An investigation of selected missions themes. Area of study may vary.

MISS 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

MARKETING (MKT)**MKT 130****Principles of Marketing****3 credit hours**

A study of the structure and analysis of consumer and industrial markets and the behavior of business firms in a competitive economy. Includes marketing policies and practices, marketing consumer goods, and marketing industrial goods.

MKT 333**Consumer Behavior****3 credit hours**

A study of the consumer as the focal point in a dynamic economic system. Explores a large body of published and unpublished literature, discusses generalizations, and develops various practical implications of consumer information processing. Such an approach leads to the exploration and use of new marketing techniques and methods. (Crosslisted with GMKT 533.)

Prerequisite: MKT 130; MMC 221.

MKT 334**Promotional Management****3 credit hours**

A study of the process of analyzing, planning, and evaluating promotional strategy and management. Examines the varied elements of advertising, personal selling and sales promotion, and optimum promotional mix, through integration and organization. (Crosslisted with GMKT 534.)

Prerequisite: MKT 130.

MKT 346**Personal Selling****3 credit hours**

A study of the management of the outside sales force. Topics include organizing, staffing, operating, and planning functions in a sales-management context. Uses computer simulation.

Prerequisite: MKT 130.

MKT 361**International Marketing****3 credit hours**

Provides analysis of the "Five Ps" of marketing as they relate to the globalization of the economy. Emphasizes contemporary periodical articles and textual material. Includes case analysis and student projects to highlight both the theoretical and the operational aspects of international marketing. (Crosslisted with GINB 570.)

MKT 445**Marketing Research****3 credit hours**

A study of the systems, techniques, and methods used in meeting marketing management information needs.

Prerequisite: MKT 130.

MKT 447**Retail Management****3 credit hours**

A detailed survey of all aspects of managing a retail operation. Topics include demand analysis, inventory planning and control, marketing mix development, and career opportunities.

Prerequisite: MKT 130.

MKT 451**Marketing Internship****1-3 credit hours**

A special problem in marketing may be permitted for

the student of special ability in lieu of a regular course. It is also possible upon receiving written approval from the instructor to obtain an on-the-job apprenticeship for one semester to provide data for writing a formal paper. The credit received is determined by the nature and scope of the project.

Prerequisite: Marketing major.

MKT 455

Marketing Management

3 credit hours

A capstone marketing course designed to integrate the student's knowledge of marketing through case analysis and practical application of the various marketing tools.

Prerequisite: Senior marketing major.

MKT 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

MASS MEDIA COMMUNICATION (MMC)

MMC 104

Media and Pop Culture

3 credit hours

A survey of the mass media and an introduction to the Mass Media Studies Program. Includes an introduction to form, content, and current issues relating to modern culture. Also includes consequences of mass communication through historical perspectives.

MMC 432

Field Production and Editing

3 credit hours

An in-depth study of field production and editing techniques in television. Students gain new skills and insights to equip them for successful single-camera and multiple-camera remote situations.

Course fee: \$40.

MMC 489

Campaign Strategies

3 credit hours

A capstone course incorporating teamwork to develop, create, and deliver a specific product to a defined audience, utilizing print, media, and personal presentation.

Prerequisite: Senior standing.

MMC 499

Senior Research Project

3 credit hours

Specialized research culminating in a senior paper and/or other approved project.

Prerequisite: Permission of instructor.

Course fee: \$40.

MMC 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

MUSIC (MUS)

MUS 001-025, 051

Applied Music

(Secondary instrument or voice)

1 credit hour

Vocal, keyboard, orchestral instrument, or Audio Workstation lessons. (One 25-minute lesson per week.)

MUS 001	Piano**
MUS 002	Organ**
MUS 003	Harpsichord**
MUS 004	Voice
MUS 005	Guitar
MUS 006	Harp**
MUS 007	Violin
MUS 008	Viola
MUS 009	Violoncello
MUS 011	Bass, Double and Electric
MUS 012	Flute
MUS 013	Oboe
MUS 014	Clarinet
MUS 015	Saxophone
MUS 016	Bassoon
MUS 017	French Horn
MUS 018	Trumpet
MUS 019	Trombone
MUS 021	Baritone Horn
MUS 022	Tuba
MUS 023	Percussion**
MUS 024	Composition
MUS 025	Audio Workstation**
MUS 051	Arranging

Prerequisite: Department approval.

Course fee: \$250 per credit hour:

**Instrument use fee: \$55.

MUS 026-049, 059

Applied Music (Primary instrument or voice)

2 credit hours

Vocal, keyboard, or orchestral instrument, or Audio Workstation lessons. (One 50-minute lesson per week.)

MUS 026	Piano (Jury)**
MUS 027	Organ (Jury)**
MUS 028	Harpsichord (Jury)**
MUS 029	Voice (Jury)
MUS 031	Guitar (Jury)
MUS 032	Harp (Jury)**
MUS 033	Violin (Jury)
MUS 034	Viola (Jury)
MUS 035	Violoncello (Jury)
MUS 036	Bass, Double and Electric (Jury)
MUS 037	Flute (Jury)
MUS 038	Oboe (Jury)
MUS 039	Clarinet (Jury)
MUS 040	Saxophone (Jury)
MUS 041	Bassoon (Jury)
MUS 042	French Horn (Jury)
MUS 043	Trumpet (Jury)
MUS 044	Trombone (Jury)
MUS 045	Baritone Horn (Jury)
MUS 046	Tuba (Jury)
MUS 047	Percussion (Jury)**
MUS 048	Composition (Jury)
MUS 049	Audio Workstation (Jury)**
MUS 059	Arranging (Jury)

Prerequisite: Department approval.

Course fee: \$250 per credit hour.

**Instrument use fee: \$55

MUS 061-089

Performance Groups

0-1 credit hour

Band, choir, orchestra, or ensemble.

MUS 061	Chamber Singers*
MUS 063	University Chorale*
MUS 065	Orchestra *
MUS 066	Oratorio Chorus*** *
MUS 067	Wind Ensemble*
MUS 073	Opera Theatre*
MUS 075	Jazz Ensemble*
MUS 077	Basketball Band
MUS 080	Guitar Ensemble*
MUS 081	String Ensemble*
MUS 083	Brass Ensemble
MUS 085	Vocal Jazz Ensemble*
MUS 086	Jazz Combo*
MUS 087	Bell Choir**
MUS 089	Contemporary Music Ministry Ensemble

Corequisite: MUS 066 (under certain conditions)

*Music ensemble fee: \$40.

**Instrument use fee: \$55.

***Credit for MUS 066 Oratorio ranges from 0 to 1 credit hour depending on whether or not the student chooses the class for elective credit.

MUS 098

Seminar for Worship Majors

0.5 credit hour

A course giving students opportunities to share views on worship and to dialogue with music representatives, professional music ministers, recording artists, studio musicians, professors, and pastors.

MUS 099

Music Seminar

0.5 credit hour

Content includes the following: (1) convocations to orient students to departmental policies, to advise students for preregistration, and to instruct students in special areas of music interest, such as music ministry as it relates to the superordinate goals of the university and music's interrelatedness to the visual arts, drama literature, and history; (2) recitals of faculty and students in solo and ensemble performances; and (3) recital and concert performances both on and off campus. (This course is required for seven semesters for music majors--only four receive credit--and four semesters for minors.)

MUS 100

Fundamentals of Music

3 credit hours

A study of the rudiments of music, including notation, scales, key signatures, simple intervals, primary triads, dominant seventh chords, basic musical terminology, and simple practices in contemporary music, as well as ear training and keyboard chording. (Not designed for music majors.)

MUS 101

Harmony I

2 credit hours

Provides a foundation in analytical, quasi-compositional, and keyboard skills combined with historical perspectives. Introduces style periods and style analysis. Includes the rudiments of music and harmonic concepts and all diatonic triads in major and minor keys in root position and inversions. Presents melodic structure for purposes of analyzing and creating with applications to music beyond that of the common practice period of Western civilization. (Companion course to MUS 103.)

Prerequisite: MUS 100 or a passing score on the music theory placement exam.

MUS 102
Harmony II
2 credit hours

A continuation of MUS 101. Includes (1) analysis of music including half and fully diminished sevenths, non-dominant sevenths, secondary dominants and modulation, two-and three-part song forms, and American popular song, along with blues, boogie, and jazz; (2) part-writing of figured basses, harmonizing in chorale, instrumental and keyboard styles, and composing and improvising using harmonic and stylistic vocabularies; and (3) harmonizing at the keyboard excerpts of folk songs, American popular songs, blues, boogie, and jazz.

Corequisite: MUS 104

Prerequisites: MUS 101 and 103; or evidence of comparable study or skills.

MUS 103
Sight Singing and Ear Training I
2 credit hours

Combines practice and drill with lecture-demonstration teaching methods and computer-assisted instruction to develop skills enabling the student to correctly interpret music that is notated and to correctly notate music that is heard. Includes sight singing and ear training of rhythmic beats and their division; intervals; melodies built around leaps of the primary chords primarily in treble and bass clefs and in major and minor modes; aural perception of harmony involving the principal triads with inversions, and the supertonic and submediant tone triads.

Prerequisite: MUS 100 or a Music Theory Placement Exam score which demonstrates an understanding of the basic rudiments of music, including the correct use of treble and bass staves, knowledge of keys and key signatures, the ability to read elementary rhythms within simple and compound meters.

MUS 104
Sight Singing and Ear Training II
2 credit hours

Combines practice and drill with lecture-demonstration teaching methods and computer-assisted instruction to develop the skills enabling students to interpret music that is notated and to notate music that is heard. Includes (1) sight singing melodies built around leaps involving all diatonic triads, the dominant seventh, and supertonic seventh chords; and (2) aural study of rhythmic subdivision, intervals, melodies with diatonic harmonic background, diatonic harmonic progressions including the dominant seventh and supertonic seventh chords, secondary dominants, secondary leading tone chords, and elementary modulation.

Corequisite: MUS 102

Prerequisites: MUS 101 and 103; or evidence of comparable knowledge and skills.

MUS 105
Introduction to Music Technology
1 credit hour

A survey of concepts, equipment, and techniques associated with the modern electronic studio. Includes most aspects of MIDI and the use of microphones, speakers, and the mixer board.

Prerequisite: MUS 100 or 101.

Instrument use fee: \$55.

MUS 124
Preparatory Class Piano
1 credit hour

A course designed for non-music majors who have had little or no previous experience in reading music. Instruction includes basic musical skills, elementary reading, improvisation, and solo and ensemble repertoire.

Prerequisite: Permission of instructor.

Instrument use fee: \$55.

MUS 125
Class Piano I
1 credit hour

A course designed for students with minimal piano training. Group instruction includes simple sight reading in treble and bass clefs, improvisation, and beginning keyboard technique, such as all major scales and arpeggios, accompaniments, solo and ensemble repertoire, and elementary keyboard transposition.

Prerequisite: Ability to read treble and bass clefs; permission of instructor.

Instrument use fee: \$55.

MUS 126
Class Piano II
1 credit hour

A course designed for students with basic keyboard skills. Group instruction includes intermediate sight reading, improvisation, keyboard technique in all major and harmonic minor scales and arpeggios, and selected chord progressions. Also covers solo and ensemble repertoire, simple hymns, patriotic songs, and two- or three-voiced transposition.

Prerequisite: MUS 125 or equivalent.

Instrument use fee: \$55.

MUS 127
Class Piano III
1 credit hour

A course designed for students with intermediate-level keyboard skills. Offers group instruction for non-music majors and for those music majors whose secondary instrument is piano and who need additional development of keyboard skills including sight reading four-voiced hymns, transposition, choral and instrumental score reading, major and harmonic minor scales and arpeggios, chord progressions, dominant- and diminished-seventh chords and arpeggios, simple modulations, solo and ensemble repertoire, and patriotic songs.

Prerequisite: MUS 126 or equivalent.

Instrument use fee: \$55.

MUS 128
Class Piano IV
1 credit hour

A lecture-demonstration-lab course designed primarily for music majors whose secondary instrument is piano and who need additional development of moderately advanced keyboard skills including sight reading, transposition, improvisation, memorizing, accompanying, and score reading. Prepares music majors to fulfill the requirements of the piano proficiency examination. Frequent solo performances in class enable the student to develop good musicianship, accuracy, and poise during keyboard performances of solo and ensemble repertoire.

Prerequisite: MUS 127 or equivalent.

Corequisite: PRF 100

Instrument use fee: \$55.

MUS 131
Class Voice
1 credit hour

An introduction to the development of the singing voice based upon the International Phonetic Alphabet (IPA)

and stressing phonemic accuracy. (Students cannot repeat this course.)

MUS 135
Class Guitar I
1 credit hour

A lecture/demonstration teaching method designed to acquaint the student with appropriate skills for playing the guitar in a variety of styles and settings.

MUS 136
Class Guitar II
1 credit hour

A lecture/demonstration teaching method designed to acquaint the intermediate or advanced beginning student with appropriate skills for playing the guitar in a variety of styles and settings.

MUS 137
Techniques for Recording Acoustic Music
1 credit hour

Designed to familiarize students with the distinct issues inherent in the recording of acoustic music and to provide opportunities for students to record and mix acoustic music in a digital environment.

Prerequisite: MUS 105 or equivalent.

MUS 201
Harmony, Sight Singing, and Ear Training III
3 credit hours

A continuation of MUS 102 and 104 that employs lecture, discussion, demonstration, compositional and analytical assignments, and drill of advanced musicianship skills. Includes (1) aural and visual analysis of music representative of modal harmony; 18th century counterpoint; chromatic harmony including borrowed chords; Neapolitan and augmented sixth chords; and Classical techniques such as variation and sonata/allegro form; (2) quasi-compositional skills in imitating and adapting the previously mentioned styles and techniques; (3) sight singing and ear training of material studied during the semester; and (4) keyboard skills relating to harmonization and other uses of certain techniques presented during the semester.

Prerequisites: MUS 102 and 104 or evidence of equivalent skills and knowledge.

MUS 202
Harmony, Sight Singing, and Ear Training IV
3 credit hours

A continuation of MUS 201 that employs lecture, discussion, demonstration, compositional and analytical assignments, and drill of advanced musicianship skills. Includes (1) aural and visual analysis of music representative of larger forms, chromatic mediants, altered chords, extended chords, remote modulation, post-Romanticism, Impressionism, and the contemporary; (2) quasi-compositional skills in imitating and adapting the styles and techniques studied; (3) sight singing and ear training of material studied during the semester; and (4) keyboard skills relating to harmonization and other uses of certain techniques presented during the semester.

Prerequisite: MUS 201 or evidence of equivalent skills and knowledge.

MUS 205
History and Literature of Music I
4 credit hours

A study of the history of Western music in Europe and America from antiquity through the 18th century.

MUS 206**History and Literature of Music II****4 credit hours**

A study of the development, styles, and literature of Western music in Europe and America from Beethoven to the present.

MUS 207**Guitar Skills and Improvisation****2 hours credit**

A study of the mechanics of contemporary worship using acoustic guitar and the improvisational techniques associated with it.

Prerequisite: Music Theory Placement exam or MUS 100.

MUS 208**Music in World Cultures****3 credit hours**

A survey of the relationships between various peoples of the world and their music cultures. Studies aspects of music style, performance practices, selected musical instruments, and musical expressions for various cultures and subcultures.

MUS 210**Keyboard Skills and Improvisation****2 hours credit**

Teaches specific keyboard skills necessary for the performer for functioning within a praise and worship context. Improvisational techniques are studied and applied to contemporary music.

Prerequisite: Music Theory Placement exam or MUS 100.
Instrument use fee: \$55.

MUS 228**Contemporary Music Theory/
Lead Chart Notation****3 credit hours**

Presents contemporary music theory concepts that equip the student to function within a contemporary musical framework.

Prerequisite: MUS 210 or MUS 207.

Instrument use fee: \$55.

MUS 241**Phonetics and English Diction for Singers****1 credit hour**

A fundamental course designed to acquaint voice students with the International Phonetic Alphabet and its application to English and Italian vocal literature. Students also study specific management issues relating to the use of phonetics in the vocal ensemble.

MUS 242**Diction for Singers****2 credit hours**

A presentation of principles for the correct pronunciation of French and German texts in vocal literature.

Prerequisite: MUS 241.

MUS 300**Music Appreciation****3 credit hours**

A non-technical course aimed at increasing the enjoyment and appreciation of music by the listener with little or no previous music background. Includes a brief survey of music history and the basic principles of music form as illustrated by masterworks. (Crosslisted with HUM 260.)

MUS 301**Form and Analysis****2 credit hours**

The study of musical form and structure in tonal and

non-tonal music based on the systematic perception of musical phenomena.

Prerequisites: MUS 101, 102, 201, and 202

MUS 302**Orchestration****2 credit hours**

Examines the range and characteristics of orchestral instruments; scoring for strings, winds, and full orchestra.

Prerequisites: MUS 101, 102, 201, and 202

MUS 309**Biblical Foundations of Worship****3 credit hours**

Provides a Biblical, theological, and practical examination of worship and prophetic leadership in the ministry of the Church. Provides practical, contemporary demonstration of this Biblical concept, which was demonstrated in Old Testament Hebrew worship, the life of Christ and the New Testament church, by exposing students to the practices and concepts of worship in the context of the prophetic anointing.

MUS 310**Studies in Advanced Music
Technology****3 credit hours**

An in-depth study of concepts, equipment, and techniques associated with the modern electronic music studio. Includes most aspects of MIDI as well as dedicated music software, poweruser techniques, current trends, hardware, and information resources. Other subjects may include notation, film scoring, sequencing, sampling, controllers, and other topics. The course, designed to follow MUS 105, is project-oriented and requires lab time.

Prerequisite: MUS 105 or equivalent.

Instrument use fee: \$55.

MUS 313**Sequencing and Digital Audio****3 credit hours**

A course designed to acquaint students with the creative potential of the sequencer as an essential tool in modern electronic studios. Includes the use of sequencers to compose, arrange, orchestrate, and perform commercially viable musical ideas. Digital audio is fully integrated, making non-linear acoustic recording part of the process.

Prerequisite: MUS 105 or equivalent.

Instrument use fee: \$55.

MUS 315**Music Rich Media****3 credit hours**

A survey of the development, application, and effect of music within media. Emphasizes music and sound within the realms of video, games, CD projects, and the World Wide Web.

Prerequisite: MUS 313.

Instrument use fee: \$55.

MUS 320**Songwriting and Arranging****2 credit hours**

A study of the compositional techniques, contemporary harmonizations, arranging tools, and popular song forms suitable for the small ensemble. Particular attention is given to writing and arranging for the church ensemble.

Prerequisite: MUS 100 or passing music theory placement exam.

MUS 325**Vocal Pedagogy and Repertoire****1 credit hour**

A lecture-discussion-demonstration course that acquaints students with the main elements of human sound production and basic vocal faults. Involves teaching and diagnostic techniques, including those of classroom management for practical application.

Prerequisites: MUS 029, 241, and 242

MUS 326**Instrumental Pedagogy and Repertoire****1 credit hour**

A lecture-discussion-demonstration course for the woodwind, brass, percussion, or string major who anticipates a career as a professional musician in a performance group, a soloist, an instrumental teacher in public or private schools, or as a private studio teacher.

Prerequisite: Department approval

MUS 327**Keyboard Pedagogy and Repertoire****1 credit hour**

A lecture-discussion-demonstration course for the keyboard major or minor who anticipates a future profession in individual and group studio teaching.

Prerequisite: Department approval.

MUS 329**Band Pageantry****1 credit hour**

The fundamental techniques of drill design and band management.

MUS 333**Conducting I****2 credit hours**

A practical lab course in both choral and instrumental conducting that stresses baton technique, interpretation, rehearsal techniques, and score reading as specifically related to the needs of the elementary and secondary choral and instrumental school music teacher as well as the church musician.

Prerequisite: MUS 101 and 102.

MUS 335**Composition I****2 credit hours**

A study of the organization of musical ideas into logical and homogenous form. Focuses on composition in the small forms.

Prerequisite: MUS 202.

MUS 337**Composition: Small Ensembles****3 credit hours**

Presents compositional techniques and encourages original creation of small forms in both classical chamber music and jazz. Equal musical craftsmanship is expected in both genres.

Prerequisite: MUS 335

MUS 338**20th Century Composition Materials****3 credit hours**

Designed to teach styles and techniques of 20th century art music. Studies techniques in the context of masterworks in the small and large ensemble chamber music style. The student composes several semester projects using not fewer than three instruments, making use of techniques studied during the semester.

Prerequisite: MUS 335

MUS 341**Brass and Percussion Instruments Class
1 credit hour**

A survey of the fundamentals of each brass and percussion instrument. Includes methods, teaching materials, and application of two or more of the instruments. Instrument use fee: \$55.

MUS 342**Woodwind Instruments Class
1 credit hour**

A survey of the fundamentals of each of the woodwind instruments. Includes methods, teaching materials, and application of two or more of the instruments. Instrument use fee: \$55.

MUS 350**Hymnology
2 credit hours**

Studies the development of hymnody from the Early Church to contemporary usage. Examines 19th and 20th century Gospel hymns and their effective use in the Christian church of today.

MUS 351**Service Playing
2 credit hours**

A lecture-discussion-laboratory course in the planning and performance of keyboard preludes, offertories, postludes, interludes, hymns, responses, and accompaniments appropriate for traditional formal and informal church services as well as keyboard music appropriate for charismatic worship services and special occasions. Includes practical study and performance of keyboard sight-reading, modulation, transposition, improvisation, choral score reading, alternate harmonizations, descants, and hymn-tune arrangements. Focuses on service-playing music for piano, organ, or digital keyboards. Prerequisite: MUS 128 or equivalent with department approval.

MUS 352**History of Musical Theatre
2 credit hours**

A history of musical theater from its antecedents through its golden age to present-day. Focuses on this genre in America. Prerequisite: Permission of the department.

MUS 399**Junior Recital
2 credit hours**

A performance demonstrating a competency, approximately 50 minutes of music. A required prerequisite for senior recital.

MUS 401**Principles of Counterpoint
2 credit hours**

The study and analysis of 18th-century counterpoint. Focuses on two-voiced writing based mainly on the principles of the Baroque composers. Prerequisite: MUS 202.

MUS 412**Music Technology Practicum
3 credit hours**

Guided research accompanied by practical application leads to final projects, normally submitted on CD or audio or video tape. Course projects are accompanied by a detailed written description of the creative process. Prerequisite: MUS 105. Instrument use fee: \$55.

MUS 417**The Worship Service: Design and Function
3 credit hours**

Focuses on the role of worship leading, with particular emphasis on first-hand experience. Addresses various theological, musical, and technical demands of leading worship, including incorporating scripture, prayers, images, and the Church calendar year. Also considers theme-based worship, arranging, teaching new songs, collaborating with pastors and other musicians, and growing spiritually.

MUS 420**Worship Internship
3 credit hours**

A practicum in which students gain practical experience in a church setting. Prerequisites: Permission from the Coordinator of Church Music and Worship.

MUS 421**Senior Recital
2-3 credit hours**

A performance demonstrating a high level of performance practice of music representing three to four historical style periods. (For B.M. voice primary degree candidates, facility in three to four languages is required.) Each recital should contain approximately 50 minutes of music. B.M.E. candidates may choose to perform a full recital as outlined above or a music education recital for two, instead of three credit hours. Such a recital is to be approximately two-thirds of the full requirement in length and performance demands. A lecture recital is also available and does not require a junior recital as a prerequisite.

Prerequisites in applied music: Primary—For MUP majors, 14 credit hours and successful junior recital. For MULW majors, at least 12 credit hours and a successful junior recital. For MUC and MUCT majors, at least 8 hours of applied composition and 6 hours of a primary instrument. For MUE majors, at least 10 hours. For MUA majors, at least 12 hours and a successful junior recital.

MUS 426**Elementary Music Methods and Evaluation
3 credit hours**

A course designed to develop the students' skills and sequence of instruction of musical activities within the elementary classroom. Prepares teacher candidates through the exploration and application of music methods, assessment, and instructional strategies.

MUS 427**Secondary Music Methods and Evaluation
2 credit hours**

A course designed to introduce students to the management and instructional skills needed to direct a high school music program. Prepares teacher candidates to manage rehearsals and prepares them for instruction and assessment of non-performance classes.

MUS 431**Composition: Advanced Studies--Ensembles
3 credit hours**

Designed to teach students how to compose and arrange music for large instrumental/vocal ensembles. Studies techniques of composing for vocal and instrumental ensembles. Prerequisites: MUS 202 and 337

MUS 441**String Instruments Class
1 credit hour**

A study of the fundamentals of each of the stringed instruments of the orchestra. Includes methods and teaching materials as well as observation of Suzuki and other methods of teaching. Instrument use fee: \$55.

MUS 442**Advanced String Instruments Class
1 credit hour**

A continuation of MUS 441. Places emphasis on one member of the string family. Instrument use fee: \$55.

MUS 443**Conducting II: Choral
2 credit hours**

Continues the study of choral conducting and the criteria for developing a choral music program. Includes classifying voices, developing choral tone, programming concerts, and researching a repertoire of music suitable for use in a variety of settings. Prerequisite: MUS 333.

MUS 444**Conducting II: Instrumental
2 credit hours**

Continues the study of instrumental conducting, establishing rehearsal techniques for instrumental classroom situations, and developing a usable repertoire for the elementary and secondary instrumental curriculum. Prerequisite: MUS 333.

MUS 451**Church Music Administration
3 credit hours**

A study of various methods of organizing and administering the music program of the church. Introduces materials and methods for teaching and/or supervising graded choirs, bell choirs, youth choirs, and adult choirs.

MUS 452**Music and Worship in the Charismatic/Evangelical Church
3 credit hours**

A historical study of the nature and theological and Biblical foundations of worship practices in the Pentecostal/charismatic renewal movement, the place of music in that context, and the use of music in the evangelical church. Included is a study of the Biblical rationale for the type of worship called "praise and worship." Emphasizes training the student to be a worship leader.

MUS 455**Church Music Literature
1 credit hour**

An overview of choral literature with an emphasis on music for the church. Prerequisite: Experience in a church or a school choir; A first-year music theory reading ability. Facility at the piano is helpful.

MUS 461**Departmental Seminar
3 credit hours**

A guided research seminar leading to the preparation of a project or paper in subject areas relating to the student's major emphasis.

MUS 490**Church Music Practicum
3 credit hours**

A practicum in which students gain practical experience in a church setting. (To be taken by church music students in the semester of study.)

Prerequisite: Permission from the Coordinator of Church Music.

MUS 499**Senior Project/Paper
2-3 credit hours**

Designed for seniors (possibly second semester juniors) studying under the guidance of a faculty advisor to produce a research paper or creative artistic project or paper or a research-oriented educational project. B.M.E. candidates may choose to complete a project/paper for two credit hours, instead of three, which would be approximately two-thirds of the full requirement and deal with a specific educational issue.

Prerequisites: B.M.E. majors need five semesters of the appropriate applied music primary; B.M. (sacred only) need seven semesters of the appropriate applied music primary; B.A. majors need four semesters of the appropriate applied music primary.

MUS 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

NURSING (NUR)

NUR 200**Called to Care
3 credit hours**

Introduces the beginning student to the Theory of Nursing for the Whole Person and to the nursing profession within the context of a Christian worldview. Addresses historical heritage, current professional environments, and future trends. Includes study of medical terminology and math related to calculating medicine dosages.

Prerequisite: Acceptance as nursing major.

NUR 202**Foundations of Nursing
5 credit hours**

Introduces the basic principles of professional nursing. Emphasizes communication skills and the application of selected concepts within a variety of clinical settings. Presents concepts and skills within the framework of the Theory of Nursing for the Whole Person.

Prerequisites: NUR 200, 230, 300, and satisfactory progression on B.S.N. degree plan.
Lab fee: \$225.

NUR 230**Pathophysiology I
3 credit hours**

Provides basic knowledge of pathophysiological processes of the body including disease states and the effects of these disruptions on related body systems. Critical thinking and clinical judgment are integrated to provide the basis for understanding the interrelatedness of body systems and needed action in altered physiologic states across the life-span.

Prerequisite: PHS 223.

Corequisites: NUR 300, PHS 224.

Lab fee: \$110.

NUR 300**Health Assessment I
3 credit hours**

Prepares the nursing student to perform comprehensive physical health assessments across the lifespan. Includes ways to integrate mental and spiritual assessment skills in a culturally sensitive approach while evaluating health status. Uses lecture/discussion, small groups sessions, and simulated laboratory experiences for practice of assessment skills that are performed in nursing practice.

Prerequisites: PHS 223

Corequisite: NUR 230, PHS 224

NUR 301**Pharmacotherapeutics I
3 credit hours**

A study of the theoretical and clinical application of basic pharmacological principles that address pharmacologic agents from the perspective of major drug classifications. Reviews medication administration, dosage calculation, and critical thinking skills specific to professional nursing practice.

Prerequisites: NUR 230, 300; PHS 223, 224.

Corequisites: NUR 202, PHS 223, 224

NUR 304**Community Mental Health Nursing
4 credit hours**

Addresses the mental health of individuals, families, and communities with emphasis on facilitating the quest for wholeness. Theory and practice are directed toward promotion, maintenance, and restoration of health.

Prerequisites: NUR 202, 230, 300, 301.

NUR 305**Patterns of Health and Illness I
4 credit hours**

Applies nursing theory, scientific principles, and critical thinking skills to promote, maintain, and restore the patterns of health of individuals and families. Emphasizes pulmonary, cardiovascular, and hematological systems across the lifespan. Includes medical-surgical clinical experiences in diverse acute care and community environments.

Prerequisites: NUR 202, 230, 300, 301.

Lab fee: \$225.

NUR 307**Patterns of Health and Illness II
7 credit hours**

Integrates nursing theory, scientific principles, and critical thinking into professional nursing practice for the care of individuals and families. Focuses on the promotion, maintenance, and restoration of wholeness for adults and children. Clinical assignments include experiences in both pediatric and adult acute-care and community settings.

Prerequisites: NUR 230, 301, 304, 305.

Lab fee: \$225.

NUR 400**Patterns of Health and Illness III
4 credit hours**

Applies nursing theory and practice toward individuals whose patterns of health and illness have been altered by their internal and external environments. Focuses on specific complex care concepts as well as the interrelatedness of maintaining and restoring wholeness and harmony within the mind, body, and spirit. Analyzes the roles of the nurse and nurse specialist as provider and manager of care. Clinical experiences provide the opportunity to examine leadership skills required to manage a

group of patients in the acute care setting.

Prerequisite: NUR 230, 300, 301, 305, 307.

NUR 403**Patterns of Community Health Nursing
4 credit hours**

A study of the principles of community nursing theory and Christian, professional, and social values for professional nursing practice. Students synthesize professional practice issues in caring for individuals, families, and groups in diverse community clinical environments. Emphasizes writing skills in both pedagogy and assessment of student learning. (This is a writing intensive course.)

Prerequisite: NUR 307.

NUR 405**Patterns of Leadership
6 credit hours**

A study of leadership processes in nursing. Studies standards and quality of care in view of measures to effect change within the community. Applies leadership skills in a variety of community settings and culminates in the presentation of a student-designed community project. Students learn by utilizing and analyzing group process in various roles.

Prerequisites: NUR 400, 403, 499.

NUR 406**Patterns of Health and Illness IV
6 credit hours**

Covers high acuity nursing as it applies to individuals whose patterns of health and illness have been altered in both their internal and external environments. Synthesizes nursing knowledge and advanced skills in caring for individuals, families, and communities experiencing crisis. Focuses on development of leadership skills required for effective communication. Clinical experiences take place in critical care areas as well as in a variety of high acuity settings as the student prepares for the transition of student to nurse.

Prerequisite: NUR 400, 403, 499.

Lab fee: \$225.

NUR 430**Patterns of Childbearing
4 credit hours**

Nursing theory, scientific principles, and critical thinking skills are utilized to promote, maintain, and restore the patterns of health of individuals and families experiencing child bearing in diverse environments. Culturally sensitive care is emphasized in reproductive health, antepartum, intrapartum, postpartum, and neonatal nursing. Clinical focuses on birthing and immediate postpartum nursing of the family unit in acute care setting and selected community and maternal-child experiences.

Prerequisite: NUR 200, 202, 230, 300, 301, 304, 305, 307.

Lab fee: \$225.

NUR 440**Pathophysiology II
3 credit hours**

Knowledge of pathophysiologic processes of the body including disease states and their effects on related body systems. Critical thinking and clinical judgment are integrated to provide the basis for understanding the interrelatedness of body systems and needed action in altered physiologic states across the life-span. Content adapted to practicing RNs.

NUR 450
Health Assessment II
3 credit hours

A comprehensive review of physical health assessment across the life span as well as assessment skills related to psychosocial and spiritual status. Emphasizes cultural sensitivity toward patients. Content adapted for practicing RNs.

NUR 460
Pharmacotherapeutics II
3 credit hours

A study of pharmacology within the framework of major drug classifications. Emphasizes critical thinking skills related to administration and patient responses. Content adapted for practicing RNs.

NUR 477
NCLEX-RN Review
2 credit hours

A review of all major nursing content from the perspective of the nursing process. Students assess their own strengths and weaknesses of nursing knowledge through diagnostic tools and formulate a plan for areas of needed growth.

Prerequisites: Completion of sophomore, junior, and fall semester senior-level nursing courses.
 Corequisite: Enrollment in senior-level spring courses.

NUR 479
Special Topics
3 credit hours

Offers a study of topics that meet students' specific needs. Provides options for individual or group study.

NUR 498
Research/Senior Paper I
2 credit hours

Emphasizes qualitative research methods and explores nursing research as it relates to nursing science for evidence-based practice. Students identify research topics of clinical significance, conceptualize an appropriate research design, and use research protocols to address the study purpose. Results in preliminary findings about a topic of interest (Honors section available--NUR 498H.)

Prerequisites: MAT 232, ENG 305.

NUR 499
Research/Senior Paper II
2 credit hours

Students finalize research project started in NUR 498. Emphasis shifts to quantitative research designs. Includes a literature synthesis related to research topic. Findings result in evidence-based conclusions and implications for clinical practice, education, and future research. (Honors section available--NUR 499H.)

Prerequisite: NUR 498.

NUR 999
1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

NUTRITION (NUT)

NUT 201
Nutrition
3 credit hours

A study of the basic principles of nutrition, including the chemical characteristics of nutrients for their functions in

the human body, and the determination of nutritional requirements for individuals during growth, pregnancy, lactation, old age, and other special conditions. (Does not count towards the mathematics/science general education requirement.)

Prerequisite: One semester of biology or chemistry.

NUT 999
1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

PROFESSIONAL EDUCATION (PED)

Note: Most upper division PED courses have a prerequisite of admission to the Professional Educational Program.

PED 100
Education Seminar
0 credit hours

Provides an opportunity for candidates to hear special speakers from current, relevant areas, such as the State Department of Education and State Commission. (Required every semester.)

Course fee: \$30.

PED 104
Prior Learning Assessment
3 credit hours

A study designed to assist the student seeking college credit for prior learning experiences. Defines experiential learning and examines the steps of the assessment process. Students are guided in the production of a School of Education learning assessment portfolio. (The course is a prerequisite to applying for prior learning assessment and credit. Offered only to students completing the bachelors of science degree in elementary education through distance education.)

PED 111
Field-Based Experience—Elementary
1 credit hour

An opportunity for students with a prospective teaching career to observe and participate in an actual elementary classroom setting for a minimum of 20 hours.

Corequisite: PED 203.

PED 121
Field-Based Experience—Secondary
1 credit hour

An opportunity for students with a prospective teaching career to observe and participate in an actual secondary classroom setting for a minimum of 20 hours.

Corequisite: PED 203.

PED 203
Foundations and Methods of Education
3 credit hours

An introduction to education, acquainting the student with the history, philosophy, profession, procedures, and practices of American education in relation to social, political, religious, and economic factors. Examines significant current issues and Biblical principles of teaching. Emphasizes individual and group career planning.

Corequisite: PED 111 or 121.

Course fee: \$25.

PED 222
School Health Care
1 credit hour

A course providing the professional education major with a knowledge of medical conditions, both acute and chronic, that occur in both primary and secondary schools. Introduces both federal and state laws pertaining to health in the school environment. Discusses various social issues that can influence a student's physical and mental well-being. (Crosslisted with GPED 502.)

PED 305
Pedagogy I
4 credit hours

A study of cultural diversity combined with the knowledge of English language learners and students with disabilities. Uses the teacher candidates' knowledge of diversity and apply it through technology in the classroom to educate all learners.

Prerequisite: Major in K-12 or secondary education.

PED 306
Pedagogy II
4 credit hours

A study of human life development from conception through adolescence with more emphasis on middle school secondary school students. Management of classroom routines and behavior interwoven into the course with information on assessing students learning. Includes a 20 hour practicum.

Prerequisite: Major in K-12 or secondary education.

PED 313
Human Growth and Development
3 credit hours

A study of human life from conception through adolescence. Emphasizes the continuity of developmental phases of infants, children, and adolescents, delineating the interrelationships among various aspects of development—biological, cognitive, emotional, social. (Crosslisted with GPED 513.)

PED 361
Professional Education Seminar/Portfolio
0-1 credit hour

Aids student teachers in the completion of a professional portfolio that fulfills requirements of the School of Education and reflects competencies required for teaching licensure in the State of Oklahoma. (Crosslisted with GPED 571.)

Prerequisite: Admission to the Professional Education Program or education minor.

Corequisite: Student teaching.

PED 363
Educational Technology
3 credit hours

Focuses on the selection, preparation, use and sources of media and computer technologies for future teachers. (Crosslisted with GPED 563.)

Educational technology fee: \$25.

PED 372
Classroom Management and Educational Law
3 credit hours

A study of the various approaches in behavior management. Emphasizes behavior modification techniques. Introduces teacher candidates to token learning principles and how they apply to behavior management in the classroom. Provides the opportunity for the study of the relationships between students, parents,

teachers, schools, and federal, state, and local government with an emphasis on the legal framework with which each participant must interact. (Crosslisted with GPED 572.)

PED 382
Educational Assessment
2-3 credit hours

Theory and application of educational evaluation and assessment including evaluation for planning and instruction; construction and evaluation of classroom tests; test values and limitations; evaluation and administration of standardized tests; portfolio development and evaluation; and grading and reporting procedures. (Crosslisted with GPED 582.)

PED 401
Instructional Methods and Strategies:
Elementary, Early Childhood, and
Special Education
3 credit hours

A course assisting students in becoming reflective practitioners by exploring current issues in elementary education. Students learn and utilize various research-based instructional techniques, planning strategies, methods, and assessment practices for elementary schools. Prerequisite: Admission to the Professional Education Program. Course fee: \$25.

PED 409
Instructional Methods and Strategies:
Secondary and K-12
3 credit hours

A course assisting students in becoming reflective practitioners by exploring current issues in secondary education. Students learn and utilize various research-based instructional techniques, planning strategies, methods, and assessment practices for secondary schools. Prerequisite: Education minor.

PED 450
Student Teaching: Away
4-10 credit hours

In-class observation, teacher assistance, and student teaching under the professional supervision of a university supervisor and a cooperating teacher in a school outside the Tulsa area. Teacher candidates engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Crosslisted with GPED 650.) Prerequisite: Admission to the Professional Education Program and acceptance of student teaching application; permission of the dean. Course fee: \$1000.

PED 465
Student Teaching: Early Childhood
4-5 credit hours

In-class observation, teacher assistance, and student teaching under the professional supervision of a university supervisor and a cooperating teacher in an early childhood classroom. Teacher candidates engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Crosslisted with GPED 665.) Prerequisite: Admission to the Professional Education Program and acceptance of student teaching application. Corequisite: PED 361.

PED 475
Student Teaching: Elementary
4-10 credit hours

In-class observation, teacher assistance, and student

teaching under professional supervision of a university supervisor and a cooperating teacher in an elementary school. Students engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Crosslisted with GPED 675.) Prerequisite or corequisite: PED 361. Prerequisites: Admission to the Professional Education Program; acceptance of Student Teaching Application.

PED 485
Student Teaching: 7-9
4-5 credit hours

Seven weeks (full-time) in-class observation, teacher assistance, and student teaching under professional supervision of a cooperating teacher in a junior high or middle school and a university supervisor. Students engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Crosslisted with GPED 685.) Prerequisite or corequisite: PED 361. Prerequisites: Admission to the Professional Education Program; acceptance of Student Teaching Application.

PED 490
Directed Study
1-4 credit hours

A course designed to provide the student with an opportunity to select readings in education that pertain to the degree program. Special activities and/or projects may be suggested by the professor. Prerequisite: Admission to the Professional Education Program.

PED 495
Student Teaching: 10-12
4-5 credit hours

Seven weeks (full-time) in-class observation, teacher assistance, and student teaching under professional supervision of a cooperating teacher in a high school and a university supervisor. Students engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Crosslisted with GPED 695.) Prerequisite or corequisite: PED 361. Prerequisites: Admission to the Professional Education Program; acceptance of Student Teaching Application.

PED 999
1-6 credit hours
Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.) Prerequisite: Approval by petition to department chair.

PREHEALTH PROFESSIONS (PHP)

PHP 100
Prehealth Seminar
1 credit hour

Provides guidance for all students planning to seek admission to health professions schools, such as medicine, dentistry, optometry, podiatry, pharmacy, and physical therapy. Especially designed for prehealth students to take early in their academic careers.

PHP 400
Medical Seminar
1 credit hour

Introduces premedical students to the arena of medicine, specifically family practice medicine. Incorporates discussion of medical cases, seminar presentations from

authorities in special fields, and mentoring by physicians. Prerequisites: Premed junior or senior, a 3.4 or better GPA, and approval by the health professions advisor and course coordinator.

PHP 999
1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

PHYSIOLOGY (PHS)

PHS 223
Human Anatomy Lecture
3 credit hours

An introductory course that presents the structure of the human organism from the cellular level to the organismal level. Includes the study of skeletal, muscular, cardiovascular, urinary, respiratory, endocrine, nervous, reproductive, gastrointestinal, and lymphatic systems. (Does not count toward a major in biology.) Prerequisite: One semester of general biology or chemistry with lab. Corequisite: PHS 223 Lab.

PHS 223
Human Anatomy Laboratory
1 credit hour

An introductory laboratory course that presents the structure of the human organism from the cellular level to the organismal level. Models and cadavers are used to study the skeletal, muscular, cardiovascular, urinary, respiratory, endocrine, nervous, reproductive, gastrointestinal, and lymphatic systems. (Meets for one 3-hour lab per week. Does not count toward a major in biology.) Corequisite: PHS 223 Lecture. Lab fee: \$75.

PHS 224
Human Physiology Lecture
3 credit hours

Studies the structures of human cells, tissues, organs, and organ systems as well as their functions, processes, integration and control. Areas covered include the circulatory, endocrine, blood and respiratory, digestive, urinary, and reproductive systems. (Meets the requirements of students in nursing, medical technology, health and physical education. Does not count toward a major in biology.) Prerequisites: PHS 223 Lecture and Lab. Corequisite: PHS 224 Lab.

PHS 224
Human Physiology Laboratory
1 credit hour

Emphasizes physiological systems and principles. Involves the use of microscope slides, audiovisuals, electrocardiograph and myograph equipment, respirometers, and various clinical apparatus and tests for the purpose of exploring the physiological processes. (Meets for one 3-hour lab per week. Does not count toward a major in biology.) Corequisite: PHS 224 Lecture. Lab fee: \$50.

PHS 999
1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

PHYSICS (PHY)

PHY 101

General Physics I Lecture 3 credit hours

An introduction to the laws and principles of physics including mechanics, heat, and sound. (Primarily for liberal arts and biological science students. Not applicable to a physics major or minor.)

Prerequisite: MAT 113 or instructor's approval.

Corequisite: PHY 101 Lab.

PHY 101

General Physics I Laboratory 1 credit hour

Lab exercises to supplement PHY 101 Lecture.

Corequisite: PHY 101 Lecture.

Lab fee: \$55.

PHY 102

General Physics II Lecture 3 credit hours

A continuation of PHY 101 Lecture. Includes electricity, magnetism, light, and modern physics.

Prerequisite: PHY 101 Lecture.

Corequisite: PHY 102 Lab.

PHY 102

General Physics II Laboratory 1 credit hour

Lab exercises to supplement PHY 102 Lecture.

Corequisite: PHY 102 Lecture.

Lab fee: \$55.

PHY 111

Physics I Lecture 3 credit hours

Introduction of vector algebra: calculus-based studies of mechanics, heat, and thermodynamics.

Prerequisite: MAT 201.

Corequisite: PHY 111 Lab.

PHY 111

Physics I Laboratory 1 credit hour

Experiments in mechanics and heat to supplement PHY 111.

Corequisite: PHY 111 Lecture.

Lab fee: \$55.

PHY 112

Physics II Lecture 3 credit hours

Calculus-based studies of wave motion, sound, electricity, magnetism, and light. Includes an introduction to modern physics.

Prerequisite: PHY 111 Lecture.

Corequisite: PHY 112 Lab.

PHY 112

Physics II Laboratory 1 credit hour

Experiments in wave motion, sound, electricity, magnetism.

Corequisite: PHY 112 Lecture.

Lab fee: \$55.

PHY 211

Introduction to Modern Physics Lecture 3 credit hours

An introductory treatise of the theory of relativity, atomic structure, matter waves, quantum mechanics, statistical mechanics, solid-state theory, radioactivity, and nuclear reactions.

Prerequisite: PHY 112 Lecture.

Corequisite: PHY 211 Lab.

PHY 211

Introduction to Modern Physics Laboratory 1 credit hour

Experiments in classical and quantum physics, including atomic and nuclear spectroscopy, radioactivity, solid-state physics, and interferometry.

Corequisite: PHY 211 Lecture.

Lab fee: \$55.

PHY 302

Heat and Thermodynamics 3 credit hours

A course in thermodynamics including the first and second laws, thermometry, kinetic theory, thermodynamic property relations, ideal gas mixtures, and elementary power and refrigeration cycle analyses. Includes lab experiments. (Crosslisted with EGR 231.)

Prerequisites: PHY 111 Lecture and Lab and MAT 202.

Course fee: \$55.

PHY 311

Mechanics I: Statics 3 credit hours

A study of the statics of particles and rigid bodies, equilibrium of rigid bodies; concentrated and distributed force systems; shear and bending moment stresses in beams and other rigid bodies; force analysis of machines, frames, and trusses; force resultants using vectors in two and three dimensions; friction forces; center of gravity; moments of inertia. (Crosslisted with EGR 221.)

Prerequisites: PHY 111 Lecture and Lab; MAT 202.

Course fee: \$55.

PHY 312

Mechanics II: Dynamics 3 credit hours

A study of the dynamics of particles and systems of particles; rectilinear kinematics and curvilinear motion, relative motion of two particles, Newton's laws of motion; work and energy; impulse and momentum; planar kinematics and kinetics of a rigid body; and vibrations. (Crosslisted with EGR 222.)

Prerequisite: EGR 221.

Course fee: \$35.

PHY 321

Electronics I Lecture 3 credit hours

An introduction to the basic concepts underlying the analysis and design of circuits using diodes, transistors, and Field Effect Transistors. Includes bias stability of amplifiers, design of power amplifiers and power supplies, and frequency response of active circuits. (Crosslisted with EE 321 Lecture.)

Prerequisite: EGR 210.

Corequisite: PHY 321 Lab.

PHY 321

Electronics I Laboratory 1 credit hour

The companion lab to PHY 321 Lecture. Covers measurements of the characteristics of semi-conductor devices and the analysis and design of single-stage BJT and FET amplifiers. (Crosslisted with EE 321 Lab.)

Corequisite: PHY 321 Lecture.

Lab fee: \$55.

PHY 331

Electromagnetic Theory 3 credit hours

A study of electrostatics, electric and magnetic circuits and fields, electromagnetic induction, and Maxwell's equations in differential and integral forms.

Prerequisites: PHY 112 Lecture and MAT 211.

Course fee: \$35.

PHY 334

Vibrations and Sound 3 credit hours

An analytical and qualitative treatment of mechanical waves in fluids and solids and of vibrating mechanical systems.

Prerequisites: PHY 112 Lecture and MAT 211.

Course fee: \$55.

PHY 341

Advanced Physics Laboratory 1-3 credit hours

Selected experiments in physics either using lab equipment or a computer. (Three hours per week in lab work to be done for each credit hour.)

Prerequisites: PHY 211 and instructor's approval.

Lab fee: \$55.

PHY 401

Optics 3 credit hours

A study of geometrical and physical optics, optical devices and materials, electromagnetism, and applied laser optics.

Prerequisite: PHY 211 Lecture.

Course fee: \$55.

PHY 402

Quantum Mechanics 3 credit hours

An introduction to quantum mechanics and the application of Schrodinger's equation to simple systems.

Prerequisites: PHY 211 Lecture and MAT 211.

Course fee: \$55.

PHY 450

Special Topics 3 credit hours

Topics vary by semester.

Prerequisites: Approval of the department chair and instructor.

Course fee: \$55.

PHY 453

Applied Thermodynamics 3 credit hours

Application of the principles of thermodynamics to components and systems. Examples include pumps, compressors, engines, turbines, electricity-generating power plants. The thermodynamics of high speed flows are also covered. Students conduct lab experiments to optimize their skills. (Crosslisted with ME 331.)

Prerequisite: EGR 231.

Course fee: \$55.

PHY 454

Mechanics of Materials 3 credit hours

A study of elastic and inelastic stress-strain behavior of engineering materials, deflection of beams, and column action. Incorporates lab experience and design. (Crosslisted with ME 321.)

Prerequisite: EGR 221.

Course fee: \$35.

PHY 455**Mathematical Methods in Physics****3 credit hours**

Application of mathematics methods in solving physics problems involving linear and nonlinear differential and partial differential equations.

Prerequisite: PHY 211 lecture and laboratory; junior or senior student level; permission of the instructor.
Course fee: \$55.

PHY 498**Senior Research and Design I****2 credit hours**

First part of a two-semester, project-oriented course. Topics include research techniques, time management, patent searches, and manufacturing. Oral and written presentations are required at various stages. Student teams apply the design process by developing a project from research and proposal through construction and testing. (Crosslisted with EGR 498.)

Corequisites: EGR 461 and senior standing.
Course fee: \$55.

PHY 499**Senior Research and Design II****2 credit hours**

Continuation of PHY 498. Student teams apply the design process by developing a project through construction and testing. Requires oral presentations and a written report. (Crosslisted with EGR 499.)

Prerequisite: PHY 498.

Course fee: \$55.

PHY 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

PROFICIENCIES (PRF)

Note: The following are proficiency tests, not courses, that are required for some academic degrees.

- PRF 001 Foreign Language Proficiency
- PRF 002 Professional Education Program Review
- PRF 007 First Aid and CPR Proficiency
- PRF 049 Theological Research Proficiency
- PRF 050 French Proficiency
- PRF 052 Hebrew Proficiency
- PRF 053 Greek Proficiency
- PRF 054 German Proficiency
- PRF 055 Koinonia
- PRF 056 Entry-Level Assessment*
- PRF 057 Mid-Program Assessment Audit
- PRF 058 Candidacy-Level Assessment
- PRF 059 Whole Person Assessment**
- PRF 061 Counseling Comprehensive
- PRF 062 Assessment III Professional Presentation
- PRF 070 Swimming Proficiency
- PRF 100 Piano Proficiency
- PRF 100A English Proficiency--Distance Learning
- PRF 100C Math Proficiency--Distance Learning
- PRF 101 Music Vocabulary Proficiency
- PRF 102 Guitar Proficiency
- PRF 104 Music Technology Proficiency
- PRF 105 Voice Proficiency
- PRF 204 English Proficiency--MBA
- PRF 205 Microcomputer Proficiency
- PRF 320 Major/Minor Writing Proficiency

*MBTI Test fee: \$50

**Whole Person Assessment fee: \$70.

PRACTICES OF MINISTRY (PRM)**PRM 506****Leadership Training****3 credit hours**

A study of leadership emergence theory, which focuses not so much on human leadership training programs as on how to best utilize and be good stewards of the incidences God places in human lives.

PRM 511**Introduction to Christian Missions****3 credit hours**

An introduction to the fundamentals of missiology and to the mandate directing the Church to be an active participant in this global enterprise. It also surveys the historical development of missions, its strategies and structures, and the cultural factors that must be considered to adequately communicate the Good News to people from other cultures.

PRM 516**Theology and History of Missions****3 credit hours**

An examination of the Biblical mandate to evangelize the world from its earliest manifestation in Genesis to its application in the New Testament. Also includes a treatment of how well this mandate has been obeyed throughout the history of the Church.

PRM 519**Missionary Basics****3 credit hours**

Introduces missionary candidates to the needs, options, and qualifications for missionary personnel. Includes preparation, church relations, strategies, funding, and life in other countries.

PRM 528**Christian Approaches to Counseling****3 credit hours**

Provides students with an understanding of the worldview that supports Christian counseling. Examines the assumptions, goals, and techniques of five approaches to Christian counseling.

PRM 539**The Contemporary Family****3 credit hours**

Provides students with an overview of the dynamics and dilemmas facing contemporary families.

PRM 544**Principles of Church Growth****3 credit hours**

An introduction to the spiritual dynamics, Biblical basis, and sociological phenomena concerned with how people are converted and incorporated into the Body of Christ. Examines literature on church growth in the United States and the church overseas. Includes both theoretical and strategic dimensions.

PRM 549**Foundations of Christian Education****3 credit hours**

A study of the historical, philosophical, and psychological foundations of Christian education. Integrates the theory and practice of educational ministry and guides the student in developing a philosophy of education appropriate for the Christian setting.

PRM 551**Christian Education****3 credit hours**

A study of the educational ministry of the local church. The student demonstrates an understanding of the educational mandate given the Church by developing a Biblically sound, educational philosophy integrating theology and principles from related social sciences to provide a foundation for effectively implementing the educational ministries in the local church.

PRM 553**Ministry in the Urban Setting****3 credit hours**

A study of the church in the urban/suburban context. Examines several types of churches and their communities to discover how they perceive and pursue their work. Focuses on discovering and identifying alternative strategies for mission in the urban context at home or abroad.

PRM 554**Bible Institute/Christian School****Education****3 credit hours**

A course designed to provide students an opportunity to examine the educational process within the Christian school. Emphasizes historical antecedents, philosophical guidelines, administrative practice, and curricular instructional patterns.

PRM 558**Spiritual Formation and Discipleship****3 credit hours**

An examination of spiritual formation—how the Christian faith is developed in the life of a person intellectually, emotionally, and behaviorally through discipleship in one-on-one or group settings.

PRM 560**Teaching the Word****3 credit hours**

A practical exploration of the teaching and learning process as a foundation for Bible study and teaching all age levels in the church. Includes learning and teaching theory and process, objectives, lesson planning, and methodologies.

PRM 571**Theology of Counseling****3 credit hours**

A course designed to provide a Biblical and theological framework for the work of the Christian counselor. Integrates theological truth and psychological principles by exploring such topics as epistemology, empowerment, and whole-person healing within the Pentecostal/charismatic traditions.

Prerequisites: PRM 528; GTHE 507 and 518.

PRM 573**Major Religions of the World****3 credit hours**

Acquaints the student with the historical and contemporary beliefs and practices of the world's major religious faiths other than Christianity.

PRM 575**Missionary Anthropology****3 credit hours**

An introduction to the fundamental aspects of cultural anthropology from a Christian perspective. Emphasizes the importance of culture and the way it affects the perception of reality, cross-cultural ministry, and culture change.

PRM 578**Contextualized Theology****3 credit hours**

An examination of theologies that have emerged in representative non-Western settings as a mature phase of the advance of the Christian church into all the world. Focuses on cultural factors that influence the theological process and underscores the necessity of diversity in Christian theology to answer the multifaceted dimensions of human needs.

PRM 582**Introduction to Evangelism****3 credit hours**

A study of contemporary methods of evangelism, particularly those that have been proven to produce permanent results. Develops spiritual strengths and skills with which these methods should be applied. Addresses how to disciple those who are evangelized and train others to do this same work of evangelism and discipleship.

PRM 583**Evangelism in Context****3 credit hours**

A course designed to help students develop a special sensitivity to the religious/spiritual background and cultural context of the people being evangelized. Studies effective methods of evangelism in various ministry contexts.

PRM 623**Ethics and Professional Issues in Counseling****3 credit hours**

A study of the ethics, values, and litigation that affect the counseling field and professionals. Examines the role of the professional counselor.

PRM 624**Counseling Diverse Populations****3 credit hours**

A course that seeks to develop culturally effective counselors through learning from one's own culture, being teachable in encounters with those who differ, and coming to respect other cultural perspectives as equal to one's own. Emphasizes the historical perspectives, intercultural counselor, culture, individuality, values, family systems, sexual roles, ethics, and models of counseling as well as variables related to age, disability, lifestyles, and faiths.

PRM 625**Counseling Theories****3 credit hours**

A survey of the major concepts and counseling approaches of the contemporary therapeutic systems. Students learn to incorporate concepts and approaches into their own personalized style of counseling.

PRM 626**Principles of Biblical Counseling****3 credit hours**

An introduction to basic concepts and procedures of Biblical counseling. Students learn to integrate knowledge and skills into their personal counseling style.

PRM 627**Crisis Counseling****3 credit hours**

A course designed to acquaint the student with the nature and dynamics of crisis situations. Emphasizes intervention principles and procedures in the context of

situational crises and includes the concept of training laypersons for basic crisis intervention.

PRM 630**Counseling Methods****3 credit hours**

Designed to foster an understanding of the developmental nature of the counseling process. In addition to group interaction regarding case studies, students function both as a counselor and client. Focuses on the use of prayer, Scripture, and Holy Spirit empowerment. Students also produce and critique five counseling practice tapes.

PRM 635**Human Growth and Development****3 credit hours**

A basic overview of the life span from conception through death to provide an understanding of the development of the cognitive, affective, moral, and spiritual factors as they relate to effective ministry. Includes foundational work in developmental theories and the relationship to family and church life.

PRM 639**Family Development****3 credit hours**

Traces the historical development of the family and acquaints students with Biblical, theological, sociological, and psychological aspects of family development. Gives special attention to the developmental and transitional issues of the family life cycle.

PRM 640**Human Sexuality****3 credit hours**

Provides a Biblical perspective of human sexuality and its many expressions throughout life.

PRM 641**Assessment in Marital and Family Therapy****3 credit hours**

A study of the methods and measures of assessment of couples and families. Includes a variety of interview styles and common evaluations.

PRM 642**Family Therapy****3 credit hours**

Examines the historical development of family therapy and major theoretical approaches to the treatment of families. Focuses on conceptualizing family dynamics from a systems perspective and creating appropriate interventions to manage and alleviate difficulties and dysfunction that emanate from family interaction. Prerequisites: PRM 643.

PRM 643**Marital and Family Systems Theory****3 credit hours**

A survey of systems theory, the family system, and the integration of systems theory with marriage and family therapy and a review of major contributors to family systems theory and therapy. Examines various components of this system, including gender-related, family of origin, and communication issues.

PRM 645**Counseling the Elderly****3 credit hours**

An overview of the field of gerontology. Provides students with information on adult development and aging. Ways to help and counsel the elderly are examined.

PRM 650**Multimedia and Computers in Ministry****3 credit hours**

Introduces contemporary tools that can be used to enhance the ministry of the local church. Emphasizes skills in multimedia (print and audio) and basic computer usage.

PRM 651**Church in the Contemporary World****3 credit hours**

A foundational course focusing on making Christian moral decisions in the context of individual and social responsibilities. Students use survey instruments for church and community to gather data for class discussions. Encourages sensitivity to the urgent mission call of the individual Christian and the Church.

PRM 653**Discipling Youth****3 credit hours**

An exploration of the nature and needs of youth, with special attention on their physical, mental, emotional, social, and spiritual development. Emphasizes developing one-on-one relationships and the process of spiritual formation and includes principles and methods for effective ministry to youth and their families during crises.

PRM 656**The Adult Learner****3 credit hours**

A survey of issues, developmental tasks, and Biblical principles for contemporary adults. Emphasizes adult learning, both in church and community programs.

PRM 657**Special Projects in Church and Community****3 credit hours**

Independent investigation of specific church and community ministries under the supervision of a faculty member.

PRM 658**Curriculum of Christian Education****3 credit hours**

A course designed to aid the pastor and Christian educator in his or her educational ministry in the church. Studies the principles, aims, selection, and creative use of curricula and resources to fulfill the educational task of the church in developing Christian faith and discipleship.

PRM 659**Leadership and Administration in the Church****3 credit hours**

Examines the church through the focus of Christian education and deals with the practical aspects of administering the Christian education program (Bible teaching ministries) of the church. Topics include organization, planning, staff selection, motivation, training, evaluation, and general leadership principles and problems. Bases administrative procedures on Biblical and theological purposes of Christian education.

PRM 660**Practical Theology for Charismatic Ministry****3 credit hours**

A course designed to help implement the promises of God and to build the Kingdom of God through spiritual warfare and the prophetic ministry. These Biblical principles can be applied personally for the church, city, or nation.

PRM 661**Preaching and the Healing Ministry
3 credit hours**

A study of the dynamics of preaching within the context of the Christian community. Provides a general introduction to preaching challenges, sermon preparation, sacramental functions, and preaching as a component of the healing ministry.

PRM 663**Text to Sermon
3 credit hours**

A course designed to enable the preacher to become a better craftsman. Drawing upon the resources of Biblical studies and theology and employing the principles of hermeneutics and exegesis, students organize a variety of outlines, prepare six full manuscripts, and concentrate on introduction, conclusions, and preparation procedures that contribute to effective preaching.

PRM 664**Black Preaching in the African-American Tradition
3 credit hours**

Explores major styles and methods of Black preaching. Also examines the major parts of preaching that, regardless of ethnic origin, distinguish preaching from other forms of discourse.

PRM 669**Practice Preaching
2 credit hours**

A lab course in which students prepare outlines and a manuscript on assigned themes and preach sermons before the class and video cameras. Evaluations are made by the class, professor, and personal study of videos.

Prerequisite: PRM 661.

PRM 670**Introduction to Psychopathology
3 credit hours**

An introductory study of abnormal behavior. Emphasizes DSM-IV-TR classification system; description, clinical causation, and treatment of the major forms of psychological disorder; and associated developmental, personality, and religious variables affecting behavioral patterns.

PRM 671**Religion and Personality
3 credit hours**

An introduction to historical and contemporary religious and psychological theories about human nature. Includes critical discussion to foster the development of a Christian worldview regarding personality and human nature.

PRM 673**Introduction to Pastoral Care
3 credit hours**

A course designed to help students become more knowledgeable, effective, and sensitive pastors when ministering to persons in need. Covers selected topics in the pastoral care field. Focuses on the work of the Christian minister to care for God's people.

PRM 676**Marriage Counseling
3 credit hours**

An introduction to cognitive-behavioral approaches to marriage counseling.

PRM 678**Advanced Pastoral Care
3 credit hours**

A course designed for graduate theology students who already have some basic information or experience in pastoral care and counseling. Focuses on the theology and practice of pastoral care from Biblical, theological, and charismatic perspectives.

Prerequisite: PRM 673.

PRM 679**Vocational and Occupational Guidance
3 credit hours**

A course designed to acquaint the student with the historical, philosophical, and theoretical basis of vocational psychology and career development.

Prerequisite: PRM 625.

PRM 680**Pastoral Ministry Yesterday, Today, and Tomorrow
3 credit hours**

A study of Pentecostal/charismatic pastoral theology applicable to contemporary ministry. Students investigate the nature and functions of pastoral ministry from Biblical, historical, and contextual perspectives. Provides instruction in the practical aspects of ministry to prepare the student for pastoral work in tomorrow's church society.

PRM 681**Group Dynamics
3 credit hours**

An investigation of small group process through reading and surveying research literature, with an emphasis on the development of interpersonal skills. Studies a variety of intervention techniques from various theoretical approaches.

PRM 685**Power Encounter
3 credit hours**

A study of the clash between the power of Jesus Christ and certain ways in which Satan manifests his power, usually when the Gospel comes into conflict with a worldview having completely different presuppositions.

PRM 691**Women in Ministry
3 credit hours**

Examines Biblical, theological, sociological, and psychological foundations for women in ministry. Studies positive cultural factors as well as current cultural barriers.

PRM 697**Prayer: The Personal Discipline of the Minister
3 credit hours**

A study of the Biblical foundations of, models for, and contemporary approaches to prayer. Examines corporate and personal prayer and prayer as intercession, worship, and meditation.

PRM 721**The Minister as Equipper
3 credit hours**

A course designed to train, enable, and empower the student as a church or parachurch leader to motivate, organize, facilitate, equip, and coach lay volunteers for the work of the ministry.

PRM 723**Counseling Children and Adolescents
3 credit hours**

A course to equip counselors-in-training with effective strategies for working with children and adolescents. Integrates Christian thought with psychological perspectives for understanding basic principles of child and adolescent development; developing counseling skills; working with families; studying theories; developing group facilitation, consultation, and prevention methods; and responding to the needs of multicultural population.

PRM 724**Testing and Assessment I
3 credit hours**

An introductory course in assessment terminology and procedures. Presents knowledge and skills in the appraisal of children and adolescents. Emphasizes using various forms of assessment.

Course fees: Test fee, \$40.00; background check, \$25.50; liability insurance, \$15.

PRM 732**Testing and Assessment II
3 credit hours**

Continues to build on the knowledge and skill base gained in assessment techniques. Highlights assessment of personality and the mental status exam as well as the clinical interview.

Prerequisite: PRM 724.

Course fees: Instrument fee \$40.00; background check, \$25.50; liability insurance, \$15.

PRM 734**Leadership for Team Ministries
3 credit hours**

A study of the dynamics of a multiple staff ministry. Students demonstrate an understanding of the roles, responsibilities, and relationships of the vocational church by assessing their own spiritual gifts, personalities, and communication styles and by presenting a group research project.

PRM 744**Planting New Churches
3 credit hours**

Deals with church planting in general and in different social contexts and emphasizes the church planter, the strategies, and the product. Analyzes models of successful church planting as well as the problems associated with the contextualization of church forms in pioneer work.

PRM 746**Contemporary Issues in Christian Education
3 credit hours**

A research seminar on current issues in Christian education, such as alternatives in church education, public and Christian school trends, the church's ministry in higher education, and the latest research in Christian education.

PRM 749**Directed Study
1-3 credit hours**

A directed course of research and writing under the supervision of a faculty member. Topics must be approved by the professor, advisor, and academic dean and be related to the use of practical theology.

Prerequisites: Approval of instructor and dean.

PRM 750**Christian Education Practicum
3 credit hours**

A practicum experience in Christian education and administration in a church under the supervision of a professional educator or pastor.

Prerequisite: Completion of 45 hours of program requirements.

Course fees: Background check, \$25.50; liability insurance, \$15.

PRM 757**Ministries with Families
3 credit hours**

A study of the dynamic interrelationships of church and family. Skills are gained in discovering, understanding, and ministering to family-related needs and concerns. Special emphasis is given to designing and implementing church programs of instruction in marriage and all phases of church family living and church-home cooperation.

PRM 760**Cognitive Therapy
3 credit hours**

An in-depth presentation of a cognitive approach to therapy with an emphasis on the process of identifying and changing core beliefs (second order change).

Prerequisite: PRM 625.

PRM 762**Narrative Therapy
3 credit hours**

An in-depth presentation of a narrative approach to therapy. Emphasizes techniques of externalization and restoring.

Prerequisites: PRM 625 and 643.

PRM 763**Counseling Practicum
3 credit hours**

Provides an opportunity to become acquainted with the practice of counseling. Working in various settings, students interact with counseling professionals and learn about counseling as it is practiced within an agency.

Prerequisites: PRM 625, 630, 635, and 670; Satisfactory completion of departmental comprehensive exam.

Course fees: Background check, \$25.50; liability insurance, \$15.

PRM 764**Marriage and Family Therapy Practicum
3 credit hours**

Provides students with an opportunity to become acquainted with the practice of marriage and family therapy. Working in various settings, students interact with counseling professionals and become familiar with counseling as it is practiced within an agency.

Prerequisites: PRM 630, 635, 643, and 676; Satisfactory completion of departmental comprehensive exam.

Course fees: Background check, \$25.50; liability insurance, \$15.

PRM 766**Preaching on Controversial Issues
3 credit hours**

A course in which students take 12 assigned subjects on controversial issues, find texts, design 12 outlines, write 6 full manuscripts, and preach 4 sermons before the class and video cameras. Evaluations are made by the class, professor, video replay, and personal study of cassettes.

PRM 767**The Preacher as Evangelist
3 credit hours**

A study of the content, methods, and procedures used in evangelistic preaching and the dynamics of the revival method. The class explores such vocational opportunities as evangelist, revivalist, and pastor-evangelist within the context of a postmodern world.

PRM 769**Practice Preaching (Persuasive)
2 credit hours**

An introduction to the theories, practices, and ethics of persuasion and to methods used to preach to the whole person. Students are assigned 12 texts on evangelistic themes, prepare 12 outlines, write 6 full manuscripts, and preach 4 sermons before the class and video cameras. Evaluations are made by the class, professor, video replay, and personal study of the cassettes.

PRM 770**Diagnosis and Treatment
of Psychopathology
3 credit hours**

An advanced course to provide students with an indepth understanding of the various definitions, theories, and empirical foundations of psychopathology. Emphasis is given to the role of various disorders. Special emphasis is given to religious expressions of psychopathology. The efficacy and effectiveness of treatment methodologies is also explored.

Prerequisite: PRM 670.

PRM 773**Language Acquisition
3 credit hours**

A study of the perspectives and attitudes necessary to learn to communicate in a new language quickly and effectively. Combines knowledge of language learning with methods for adapting to a new cultural environment to ensure the new missionary establishes good relationships and is not hindered in communicating the Gospel. Focuses on building relationships rather than stressing cognitive input exclusively. Includes local field opportunities to help students in the acquisition and testing of all these skills.

PRM 775**Missionary Internship
3 credit hours**

Participation in a missionary activity working with nationals. This experience is supervised by a faculty member and/or an experienced missionary selected by ORU. Includes a period of training and study prior to departure, participant observation, and post trip reporting.

Course fees: Background check, \$25.50; liability insurance, \$15.

PRM 777**Missiological Research Project
3 credit hours**

An independent field study of some aspect linked with missionary or church growth activity. The project includes theoretical formulations, participant observation, and faculty supervision.

Prerequisite: Approval of instructor.

PRM 780**Clinical Pastoral Education
3-6 credit hours**

Provides an opportunity for learning skills of pastoral care in a clinical setting. The course and its 12-week clinical are by arrangement with affiliated hospitals and

conducted in connection with the Association for Clinical Pastoral Education under the direction of a certified CPE supervisor.

PRM 781**Counseling Internship
3 credit hours**

Provides the student with practical experience in selected client care responsibilities and in a broad range of roles performed by the professional counselor. Students gain experience in core areas of counseling, assessment, consultation, and professional functioning.

Prerequisites: PRM 623 and 763.

Course fees: Background check, \$25.50; liability insurance, \$15.

PRM 782**Marriage and Family Therapy Internship
3 credit hours**

Provides the student with practical experience in selected client care responsibilities and in a broad range of roles performed by the professional counselor. Students gain experience in core areas of marriage and family therapy counseling, assessment, consultation, and professional functioning.

Prerequisites: PRM 623 and 764.

Course fees: Background check, \$25.50; liability insurance, \$15.

PRM 784**Counseling Research
3 credit hours**

A course to develop graduate-level skills in the formulation of a research problem, research hypothesis, sampling, data gathering, basic statistics, the utilization of computer-based methodologies in the analysis of data, and the interpretation of data.

PRM 788**Leadership in Ministry
3 credit hours**

A study of Biblically sound and academically informed principles and practices for effective leadership in ministry today. Students demonstrate an understanding of the principles and practices of leadership by assessing their own leadership styles, developing strategic plans for growth, and developing a theology of leadership that integrates Biblical principles, the model of Jesus Christ, and current research in leadership.

PRM 793**Church Administration
3 credit hours**

An introduction to organizational theory, leadership expectations, and administrative styles as they apply to church life. Students explore types of churches, relational skills, staff relationships, finance campaigns, and programs for making disciples; examine case studies; and develop project designs.

PRM 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

PUBLIC RELATIONS (PRP)

PRP 213

Workshop: Publications 1-3 credit hours

Studies basic publication principles such as publication anatomy, ladders, contracts, graphic devices, layout and design, photography, bulk mailing, database management, paper and ink selection, cover treatments, printing process, feature news, caption and headline writing, and desktop publishing. Students are involved in the production of *The Communique* under the guidance and critical evaluation of the professor/advisor.

Prerequisite: MMC 107.

Course fee: \$20.

PRP 217

Workshop: Public Relations 1-3 credit hours

A weekly workshop to implement skills learned in public relations seminars. Involves the practical application of theory and focuses on creating and evaluating promotions. Provides an opportunity for students to practice their faith within the context of a simulated, professional work environment. (May be repeated for credit.)

Course fee: \$20.

PRP 225

Principles of Public Relations 3 credit hours

An in-depth study of principles in the complex field of public relations, including the development of public relations, public relations in an age of continual change, how public relations works, and how it serves various organizations.

Prerequisite: Minimum of sophomore standing.

PRP 427

Public Relations Management 3 credit hours

A study of the management function that uses communication to facilitate relationships and understanding between an organization and its many publics. Presents more than fifty cases that describe numerous ways public relations managers make ethical decisions and effectively manage public relations. Students take active parts by applying the various management techniques.

Prerequisites: COM 406 and MMC 426.

PRP 428

Public Relations Case Studies 3 credit hours

Models situations that organizations, managers, and public relations practitioners routinely face. Students perform as public relations practitioners in various case studies.

Prerequisite: COM 406.

PRP 499

Senior Research Project 3 credit hours

Specialized research culminating in a senior paper and/or other approved project.

Prerequisite: Permission of instructor.

Course fee: \$40.

PRP 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

PHYSICAL SCIENCE (PSC)

PSC 101

Principles of Physical Science Lecture 3 credit hours

An introduction and overview to the physical sciences of astronomy, physics, and chemistry. (Does not count toward major or minor in science. Not open to students with previous college-level course in physics.)

Prerequisite: Entry-level knowledge of high school algebra is recommended.

Corequisite: PSC 101 Lab.

PSC 101

Principles of Physical Science Laboratory 1 credit hour

Lab exercises to provide practice, manipulation, and visualization of principles that supplement PSC 101 Lecture.

Corequisite: PSC 101 Lecture.

Lab fee: \$30.

PSC 103

Broadcast Electronics Lecture 3 credit hours

A study of simple circuits, electronics associated with broadcasting and broadcasting equipment. (Not applicable to a major or minor in physics or engineering. Not applicable to general education requirement except for mass media communication majors.)

Prerequisites: PSC 101 Lecture and Lab.

Corequisite: PSC 103 Lab.

PSC 103

Broadcast Electronics Laboratory 1 credit hour

A study of AC/DC circuits, measuring instruments, diode, and transistor circuits.

Corequisite: PSC 103 Lecture.

Lab fee: \$30.

PSC 201

Principles of Earth Science Lecture 3 credit hours

An introduction to earth sciences: geology, oceanography, geomorphology, and meteorology. Discusses the processes at work within the earth, on the surface, and in the air and oceans. Emphasizes plate tectonic theory. (Crosslisted with GEO 201 Lecture.)

Corequisite: PSC 201 Lab.

PSC 201

Principles of Earth Science Laboratory 1 credit hour

Lab exercises to supplement PSC 201 Lecture. (Crosslisted with GEO 201 Lab.)

Corequisite: PSC 201 Lecture.

Lab fee: \$55.

PSC 251

Ozark Region Field Studies 3 credit hours

A team-taught, interdisciplinary, summer field course utilizing the natural environment of northeast Oklahoma and northwest Arkansas.

Prerequisite: Permission from instructors.

Lab fee: \$30

PSC 350

Environmental Geography Lecture 3 credit hours

A study of human ecology focusing on problems creat-

ed by human habitation of and interaction with the earth. Topics include culture, ecology, population, resources, food, energy, and pollution as well as social, economic, political, and ethical issues. (Crosslisted with GEO 350.)

Prerequisite: One semester of lab science.

Corequisite: PSC 350 Lab.

PSC 350

Environmental Geography Laboratory 1 credit hour

Lab exercises to supplement PSC 350 Lecture.

Corequisite: PSC 350 Lecture.

Lab fee: \$50.

PSC 999

1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

PSYCHOLOGY (PSY)

PSY 201

Principles of Psychology 3 credit hours

A survey of the basic principles of psychology, including development, motivation, emotion, learning, intelligence, physiological aspects, sensory processes, perception, attention, measurement, and personality.

PSY 212

Social Psychology 3 credit hours

A study of the effects of groups upon individual behavior. Includes the application of psychological principles to traditional interactions between individuals and society. (Crosslisted with SOC 212.)

Prerequisite: PSY 201 or SOC 101.

PSY 250

Behavior Management 3 credit hours

A course combining instruction with supervised experience in changing behavior. Major topic areas include history of behavior analysis, monitoring and record keeping, reinforcement techniques, stimulus control, aversive techniques, philosophical and ethical issues, special areas of application including psychotherapy and education, and global life planning.

Prerequisite: PSY 201.

PSY 301

Developmental Psychology 3 credit hours

A study of the theories and knowledge of human biopsychosocial-spiritual development throughout the human life span. Examines the mutual interdependence between the developing individual and his or her various social systems, including family, groups, organizations, and community. Topics include developmental theories, stages of development, normal developmental tasks and milestones, developmental problems, human diversity, and the Behavior Dynamics Assessment Model. (This course helps supply the human behavior in the social environment content for the social work professional degree plan. Crosslisted with SWK 309.)

Prerequisites: BIO 101 and PSY 201.

PSY 305

Physiological Psychology 3 credit hours

A survey of neural and endocrine mechanisms followed

by detailed consideration of selected problems in physiology of behavior. Emphasizes learning, motivation, and sensory processing.
Prerequisite: PSY 201.

PSY 321**Psychology of Personality Development
3 credit hours**

A study of the principal interpretations of personality development, description, dynamics, and determinants.
Prerequisite: PSY 201.

PSY 322**Psychology of Learning and Motivation
3 credit hours**

An experimental theoretical analysis of the concepts and principles of learning and motivation, particularly the simpler types of learning, such as conditioning.
Prerequisite: PSY 201.

PSY 323**Psychological Measurement
3 credit hours**

A study of the theory of psychological measurement. Includes a survey of individual and group tests used to measure general abilities, aptitudes, interest, and personality characteristics.
Prerequisites: PSY 201 and MAT 232.
Testing protocol fee: \$45.

PSY 338**Psychology of Abnormal Behavior
3 credit hours**

A study of psychological disorders, their natures, determinants, and relationships to normal behavior.

PSY 340**Research Design and Analysis
3 credit hours**

A research methods course for students in the behavioral sciences designed to target specific research problems and statistical methods leading to graduate studies in the field of psychology or other behavioral sciences. Topics include non-experimental designs, non-parametric statistics, correlations, hypothesis testing, and research ethics. Emphasis is placed on learning the APA style of writing reports, the selection of a senior paper research topic, and how to conduct a survey of relevant sources of psychological literature.
Prerequisite: MAT 232.

PSY 354**History and Systems of Psychology
3 credit hours**

A study of major systems of psychology in historical perspective, with a view to discovering relationships between theory and empirical data.
Prerequisite: PSY 201.

PSY 401**Experimental Psychology
2 credit hours**

A survey of the fundamentals of psychological research, experimentation, data analysis, and report writing.
Prerequisites: PSY 201 and MAT 232.
Corequisite: PSY 401 lab.

PSY 401**Experimental Psychology Laboratory
1 credit hour**

An application in a lab setting of concepts learned in PSY 401 Lecture.
Corequisite: PSY 401 lecture.

PSY 411**Counseling Psychology I
3 credit hours**

A study of the major theoretical concepts of counseling psychology presented with practical applications of those concepts in terms of counseling strategies and techniques. Students formulate appropriate hypotheses concerning representative client problems and propose competent methodologies/strategies for addressing those problems.

Prerequisites: PSY 201, 321, and 338.

PSY 412**Counseling Psychology II
3 credit hours**

Builds upon the prerequisite course and focuses on the teaching and application of the principles of group processes, family dynamics, and other special problems in counseling psychology.

Prerequisite: PSY 411.

PSY 423**Advanced Psychology Seminar
3 credit hours**

A discussion of contemporary figures and topics in the areas of sensation and perception, cognition and complex human learning, and the applied areas of industrial and educational psychology.

Prerequisites: PSY 201, 305, and 322.

PSY 450**Directed Study
1-3 credit hours**

Under supervision of a behavioral science faculty member, the student pursues a specialized learning experience with learning objectives and implementation procedures.

Prerequisites: Psychology major, junior or senior standing, and approval of instructor and department chair.

PSY 451**Senior Internship
1-3 credit hours**

On-the-job experience in applying psychological principles. Students work in local agencies under the supervision of professional psychologists.

Prerequisites: Senior standing and approval of department chair.

PSY 461**Honors Research
1-3 credit hours**

Designed for the honor student who wishes to pursue individual research on a specific problem.

Prerequisites: Psychology major, junior or senior standing, and approval of instructor and department chair.

PSY 499**Senior Paper
3 credit hours**

The completion of appropriate independent research under the direction of a faculty advisor. (A topic is selected by the student with approval of advisor.)

Prerequisite: PSY 401 with lab.

PSY 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

READING (READ)**READ 099****Preparation for College Reading
3 credit hours**

Develops and strengthens basic reading skills including structural analysis, contextual analysis, reading comprehension, and inference skills. Emphasizes vocabulary development as well as various aids to reading. (Increases the number of hours in a degree program by three credit hours.)

READ 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

**SPECIAL
EDUCATION (SED)****SED 104****American Sign Language for Educators
4 credit hours**

Acquaints students with basic signed utterances and receptive understanding of American Sign Language and the implications of its use in the classroom.

SED 313**Assessment and Program Planning
3 credit hours**

Develops competencies in utilizing diagnostic instruments and interpreting evaluation results. The major components are (1) informal assessment procedures, (2) formal assessment procedures, (3) identifying performance discrepancies, (4) administration and interpretation of selected instruments, and (5) summarizing information in a written report.

Prerequisite: SED 353.

SED 323**Parents and Families of Students with
Special Needs
3 credit hours**

A study of counseling techniques and counseling theories, community resource agencies, and the use of the multidisciplinary team applied to counseling exceptional individuals and their parents.

Prerequisite: SED 353.

SED 352**Behavior Management Strategies
2 credit hours**

Examines strategies for managing disruptive behavior in the special education and regular classroom, pre-school, and home. Includes practical techniques, philosophical, legal, ethical, and pedagogical issues. (Includes a 15-hour practicum.)

Prerequisite: SED 353.

SED 353**Introduction to Special Education: Mild-
Moderate Disabilities
3 credit hours**

Acquaints students with different exceptionalities served in the schools. Focuses on assessment procedures, placement, methods, materials, and teaching strategies. (Includes a 15-hour practicum for undergraduates and a 30-hour practicum for graduates. Crosslisted with GSED 553.)

SED 363**Effective Instruction for Students with Mild-Moderate Disabilities**
3 credit hours

A comprehensive overview of the most current effective teaching strategies for special education. Provides a model for application to a variety of skill and content areas. Examines advances in technology, multicultural awareness, curriculum development, and thinking skills. Incorporates concrete, meaningful teaching activities and demonstrations. (Includes a 10-hour practicum.)
Prerequisite: SED 353.

SED 403**Methods, Strategies, and Techniques for Teaching Students with Mild-Moderate Disabilities**
3 credit hours

A detailed study of curriculum and methods for teaching mildly disabled children from birth through high school. Emphasizes (1) designing and implementing activities and experiences developmentally appropriate for the preschool aged child, and (2) programs, class organization, lesson planning, curricular materials, teaching strategies, and Individualized Educational Plans (IEPs) for mildly disabled children and adolescents. (Includes a 10-hour practicum.)
Prerequisite: SED 353.

SED 423**Issues, Trends, and Curriculum Modification in Special Education**
3 credit hours

Gives the student an understanding of adapting commercially prepared instructional materials and developing teacher-made materials to meet the unique needs of exceptional individuals. Emphasizes writing and implementing IEPs for both self-contained and mainstreamed placements. (This is a writing-intensive course.)
Prerequisite: SED 353.

SED 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)
Prerequisite: Approval by petition to department chair.

SOCIOLOGY (SOC)**SOC 101****Introduction to Sociology**
3 credit hours

A survey course covering most of the basic categories of the sociology curriculum with emphasis on the scientific method of studying social interaction and the products of social interaction, including culture, socialization, and the major institutions of society.

SOC 201**Marriage and the Family**
3 credit hours

A brief introduction to the family as an institution and a focus on preparing the individual for marriage and family life by emphasizing mate selection, adjustment, family member status and role, socialization process, social control, change of family structure, and social class and mobility aspects.

SOC 212**Social Psychology**
3 credit hours

A study of the effects of groups upon individual behavior.

Includes the application of psychological principles to traditional interactions between individuals and society. (Crosslisted with PSY 212.)

Prerequisite: PSY 201 or SOC 101.

SOC 300**Group Dynamics**
3 credit hours

Focuses on the development of group leadership skills, particularly those necessary for developing, implementing, maintaining, terminating, and evaluating types of small groups such as the following: task-oriented, support, personal growth, education, and therapeutic. Topics include group developmental stages, theories of leadership, power/influence, task maintenance roles, ethical guidelines for small groups, work with diverse populations, problem solving, communication, conflict, and trust/cohesion. Small group exercises are used to teach group dynamics and leadership skills. (Crosslisted with SWK 333.)

Prerequisite: SOC 101.

SOC 302**Research Methods**
3 credit hours

An introduction to basic research theory and methodology that contribute to a professional knowledge base and the maintenance of quality practice standards and service delivery. Helps supply the research content in the social work professional degree plan. Topics include problem development, quantitative and qualitative research methodologies, analysis of data, moral and ethical standards, single case studies, and program evaluation. Serves as the foundation for the senior research paper by allowing the student to develop a formal research proposal that will be implemented in the senior year. (Crosslisted with SWK 302.)

Prerequisites: SOC 101 and SWK 202.

Prerequisite or corequisite: MAT 232.

SOC 308**Cultural Anthropology**
3 credit hours

A survey of the ways people worldwide have developed in their respective cultures. Using a cross-cultural perspective, students explore aspects of the origins and development of human groups. Topics of study include marriage, family and kinship systems, economic and political organizations, religious beliefs, and worldviews.
Prerequisite: SOC 101.

SOC 323**Child and Family in the Social Context**
3 credit hours

A course designed to study the child and family in their social interactions. Includes the effects that social institutions (e.g., family, school, church) have on the personal perceptions, behaviors, and general readiness for learning of the individual child. Promotes temporarily viewing the world from the individual learning child's point of view.

SOC 329**Social Deviancy and Social Control**
3 credit hours

A study of concepts of deviance; theories explaining deviant behavior with special attention to class, status, and power variables; and the mechanisms for the social control of deviants.

Prerequisite: SOC 101.

SOC 420**Minority Group Relations**
3 credit hours

Focuses on diversity and promotes an awareness of multicultural norms and values among a number of ethnic and racial minorities in a pluralist society. Examines cultural strengths, differences, and similarities as well as concepts of race, ethnicity, minority groups, prejudice, discrimination, and issues related to women. (Crosslisted with SWK 420.)

Prerequisite: SOC 101.

SOC 450**Directed Study**
1-3 credit hours

Under supervision of a behavioral science faculty member, the student pursues a specialized learning experience with designated learning objectives and implementation procedures.

Prerequisites: A junior or senior; approval of instructor and department chair.

SOC 461**Honors Research**
1-3 hours

Designed for the honor student who wishes to pursue individual research on a specific problem.

Prerequisites: A junior or senior; approval of advisor and department chair.

SOC 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

SPANISH (SPA)**SPA 100****Introduction to Spanish**
3 credit hours

A paced course in Spanish that surveys the basic concepts of Spanish. (Counts as elective credit only. Does not count toward a major, minor, or general education requirements in a modern language.)

SPA 101**Elementary Spanish I**
5 credit hours

A course for those desiring to begin a second language. Covers intensive oral work, grammar, and composition. (This course does not count toward the bachelor of arts language requirement, a minor, or major, but can be used for elective credit.)
Lab fee: \$40.

SPA 102**Elementary Spanish II**
5 credit hours

A continuation of SPA 101.

Prerequisite: SPA 101 or demonstrated proficiency.

Lab fee: \$40.

SPA 203**Intermediate Spanish I**
3 credit hours

Continued study of Spanish with review of grammar and composition. Introduces selected readings in addition to text. (Honors sections are available.)

Prerequisite: Proficiency examination or SPA 102.

Lab fee: \$40.

SPA 204**Intermediate Spanish II****3 credit hours**

Grammar review with emphasis on spoken Spanish as well as an intensive study of the history of Spain.

Prerequisite: SPA 203.

SPA 219**Travel Study****3 credit hours**

A three-week trip to either Mexico or Spain. Includes an in-depth study of history, geography, and art as well as opportunities for evangelism. Students learn everyday customs and have an opportunity to put grammar principles to practical use. (May substitute for SPA 203.)

Prerequisite: SPA 102 or demonstrated proficiency.

SPA 301**Spanish Phonetics and Conversation****3 credit hours**

Instruction in advanced conversation for proficiency with practical phonetics and drills for improvement of students' aural-oral skills. Focuses on particular problem areas for English speakers.

Prerequisite: SPA 204 or equivalent.

SPA 302**Spanish Composition****3 credit hours**

A course using applied stylistic analysis and practical compositional exercises to develop writing skills.

Prerequisite: SPA 204.

SPA 303**Survey of Spanish Literature I****3 credit hours**

A study of the literature of Spain from the Middle Ages to the mid-17th century, emphasizing the Renaissance and the Golden Age. (Taught in Spanish.)

Prerequisite: SPA 204 or equivalent.

SPA 304**Survey of Spanish Literature II****3 credit hours**

A study of the literature of Spain since the Golden Age, emphasizing the Romantic and Realism periods. (Taught in Spanish.)

Prerequisite: SPA 204 or equivalent.

SPA 306**Business Spanish****4 credit hours**

A study of Spanish in its application to business, including terminology with respect to office procedures and international marketing. (Taught primarily in Spanish.)

Prerequisite: SPA 204.

SPA 314**Survey of Latin American Literature****3 credit hours**

A study of the literature of Latin America from its inception to the present. Covers pre-Columbian and colonial literature through literature from the last two centuries. (Taught in Spanish.)

Prerequisite: SPA 204 or equivalent.

SPA 315**Latin American Civilization and Culture****3 credit hours**

A study of the historical, political, and cultural development of Latin America with emphasis on contemporary aspects. (Taught in English. Does not count toward a Spanish major, but does count toward a Spanish education major.)

SPA 405**Nineteenth Century Spanish Literature****3 credit hours**

A study of Spanish literature during the periods of Romanticism, Realism, and Naturalism. (Taught in Spanish.)

Prerequisite: SPA 303 or 304.

SPA 406**Twentieth Century Spanish Literature****3 credit hours**

A study of Spanish literature from the Generation of 98 through the avant-garde. (Taught in Spanish.)

Prerequisite: SPA 303 or 304.

SPA 415**Latin American Novel****3 credit hours**

A study of the Latin American novel in the 19th and 20th centuries against a philosophical and socio-political background. Emphasizes the contemporary period. (Taught in Spanish.)

Prerequisite: SPA 314.

SPA 416**Latin American Short Story****3 credit hours**

A study of the Latin American short story in the 19th and 20th centuries, with emphasis on the Contemporary period and magical realism. The short story is studied against a philosophical and socio-political background. (Taught in Spanish.)

Prerequisite: SPA 314.

SPA 450**Internship****1-3 credit hours**

Systematic and supervised practicum in a Spanish-speaking community. Application of Spanish oral communication and writing skills. Credit varies, depending on time involved on-site.

Prerequisites: SPA 204; permission of the department.

SPA 451**Special Readings****1-3 credit hours**

Special readings course in Spanish to cover general or specific areas as determined by the professor to meet the need of the student. (Taught in Spanish.)

Prerequisites: Spanish major and permission of the instructor and the department.

SPA 457**Methods for Modern Language****Curriculum Instruction****3 credit hours**

A course designed to provide foreign language majors with concepts needed for language learning and instruction. Includes the historical background of the teaching of modern language. Discusses Foreign Language in the Elementary School (FLES), immersion programs, and issues concerning high school programs. (Crosslisted with FRE 457 and GER 457.)

SPA 498**Senior Paper Bibliography****1 credit hour**

Research bibliography investigation to be complete with annotated bibliography, detailed outline, and introductory chapter of the senior paper written. (This is the first of two senior paper courses.)

Prerequisite: Spanish major and permission of the instructor and the department.

SPA 499**Senior Paper****2 credit hours**

Directed individual study of seniors pursuing research and the writing of the required senior paper. (This is the second of two senior paper courses.)

Prerequisite: SPA 498.

SPA 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

SOCIAL WORK (SWK)

SWK 202**Introduction to Social Work****3 credit hours**

An introduction to the social work professional degree program and generalist social work practice. Includes study of the history of social work as a profession, its values, social policies, and the various client systems and organizations where social work is practiced. Provides the student an opportunity to evaluate personal interests and aptitude for the social work profession.

SWK 302**Research Methods****3 credit hours**

An introduction to basic research theory and methodology that contributes to a professional knowledge base and the maintenance of quality practice standards and service delivery. Helps supply the research content in the social work professional degree plan. Topics include problem development, quantitative and qualitative research methodologies, analysis of data, moral and ethical standards, single case studies, and both personal practice and program evaluation. The course serves as the foundation for the senior research paper by allowing the student to develop a formal research proposal that will be implemented in the senior year. (Crosslisted with SOC 302.)

Prerequisites: SOC 101 and SWK 202.

Prerequisite or corequisite: MAT 232.

SWK 303**Social Welfare Policy****3 credit hours**

Provides a major portion of the social welfare policy and services content of the social work professional degree program and a framework for analysis of social welfare policy both nationally and locally. Includes specific social welfare policies (e.g., income maintenance, health, education), social welfare history, values, and various social forces that impact policy decisions.

Prerequisites: GOV 101, SWK 202, and BUS 201.

SWK 309**Human Behavior in the Social****Environment I****3 credit hours**

Focuses on the theories and knowledge of human biopsychosocial-spiritual development throughout the life span. Provides human behavior in the social environment content for the social work professional degree plan. Emphasizes the mutual interdependence between the developing individual and his or her various microsystems, including characteristics of peer relationships,

family dynamics, and the developing individual. Topics include theoretical perspectives on human behavior; conception, pregnancy, and birth; infancy and early childhood; middle childhood; adolescence; adulthood; and late adulthood. (Crosslisted with PSY 301.)
Prerequisites: BIO 101, PSY 201, SOC 101.

SWK 310
Human Behavior in the Social Environment II
3 credit hours

Focuses on the theories and knowledge of human biopsychosocial-spiritual development within the contexts of various system levels. Provides human behavior in the social environment content for the social work professional degree plan, which emphasizes the mutual interdependence between aspects of the developing individual and his or her various contexts. Topics include the following: the social work perspective on human biology; theories of cognition, emotion, and self; the concept of stress and normal and abnormal coping; theories of spiritual development; the relationship between the physical environment and behavior; contemporary trends in U.S. social institutions; social inequality; the meaning of culture; perspectives on formal organizations; social work and communities; social movements; small groups in social work; and understanding contemporary U.S. families.
Prerequisites: SWK 309 - HBSE I

SWK 331
Social Work Practice I
3 credit hours

Serves as the initial social work practice course and develops the basic values, social work ethics, concepts, and skills for generalist social work practice. Knowledge of problem-solving methodologies within a systems perspective along with the various stages in the generalist process provides the basic theoretical grounding for the course.
Prerequisites: SWK 202 and admission to the professional social work degree program.
Corequisites: SWK 332 and 341.

SWK 332
Social Work Practice II
3 credit hours

Deals with interpersonal helping skills and basic skills necessary for developing, maintaining, terminating, and evaluating a productive worker-client relationship that respects diversity in client populations. Provides structured opportunities to learn and practice a problem-solving, systems-oriented approach to interpersonal helping through activity-based learning methods.
Prerequisites: SWK 202 and admission to the professional social work degree program.
Corequisites: SWK 331 and 341.

SWK 333
Social Work Practice III
3 credit hours

Focuses on the development of group leadership skills and covers the basic skills necessary for the development, implementation, maintenance, termination, and evaluation of a variety of small group types, including task-oriented, support, personal growth, education, and treatment. Topics include group developmental stages, theories of leadership, power/influence, task maintenance roles, ethical guidelines, working with diverse populations, problem solving, communication, conflict, and trust/cohesion. The student is given structured opportunities to learn group dynamics and leadership skills through activity based learning methods.

(Crosslisted with SOC 300.)

Prerequisites: SWK 202, 331, 332, and admission to the professional social work degree program.
Corequisites: SWK 342.

SWK 341
Junior Practicum I
2 credit hours

A field practicum experience that places the student in a social service agency five hours per week. In addition, the student spends one class hour per week in an integrative seminar. (This course is the practicum portion of the corequisite courses SWK 331 and 332.)
Prerequisite: SWK 202.
Corequisites: SWK 331 and 332.

SWK 342
Junior Practicum II
2 credit hours

The second practicum experience found in the social work professional degree preparing for generalist practice. The student continues placement in the agency for practicum I or another social service agency for five hours per week. An integrative seminar is held for one class hour per week.
Prerequisites: SWK 202, 331, 332, 341.
Corequisite: SWK 333.

SWK 380
Aging Processes
3 credit hours

A course that presents a biological, psychological, and social overview of aging processes; explores relevant issues such as economics, health needs, family and primary relationships, death and dying, social roles and relationships, retirement and leisure, personal adaptation, social response, and spiritual well-being; and introduces a series of basic methods of human service helping for working with older adults in a variety of settings.
Prerequisite: Junior standing.

SWK 381
Child Welfare
3 credit hours

A study of the historical and legal development of child welfare policies and services. An overview of all aspects of child maltreatment, including systems assessment, case plan development, and delivery of services. Topics include types of agencies, categories of services, child-parent-state rights, diversity of family structures, cultural difference, gender issues, and social policy. (Required for Title IV-E students.)
Prerequisites: SWK 311, 331, and 332.

SWK 382
Social Services in Health Care
3 credit hours

Examines death and dying; dealing with grief and loss; confidentiality; spiritual well-being; financial resources; community resources; alternate practice settings such as hospices, nursing care, homemaker services, day care, public health and mental health; and special areas and problems, such as perinatal, oncology, psychiatric, rehabilitation, child abuse, quality assurance, and advocacy.

SWK 383
Family Dynamics
3 credit hours

The theory and practice of the dynamics of the student's family of origin, the use of the genogram, the theology of marriage and the family, problems of divorce and remarriage, courtship and mate selection, premarital counseling, sex counseling, the family life

cycle, and developmental issues. Covers family therapy, including a historic overview, systems theory, psychodynamic theory, behavioral theory, communications theory, structural theory, and strategic theory.

SWK 404
Social Work Practice IV
2 credit hours

The fourth practice course in the generalist sequence, which builds upon the other three practice courses (SWK 331, 332, and 333). Focuses on taking the problem-solving model in a systems framework and applying it to the macro or community level of social work practice. Emphasizes the roles of broker, advocate, and planner for service provision for various client systems.
Prerequisite: SWK 331, 332, 333, and admission to the professional social work degree program.

SWK 405
Senior Seminar
2 credit hours

An advanced seminar covering various current issues of concern to the social work profession.
Prerequisite: SWK 404 and admission to the professional social work degree program.

SWK 420
Minority Group Relations
3 credit hours

Focuses on diversity and promotes an awareness of multicultural norms and values among a number of ethnic and racial minorities in a pluralist society. Examines cultural strengths, differences, and similarities as well as concepts of race, ethnicity, minority groups, prejudice, discrimination, and issues related to women. (Crosslisted with SOC 420.)
Prerequisite: SOC 101.

SWK 443
Senior Practicum I
6 credit hours

Provides the primary senior practicum experience for students in the professional social work degree plan for generalist practice. Students are placed in a social service agency under the supervision of a person with a masters in social work (MSW) degree and perform roles and follow job descriptions similar to those of the professional social workers of the agency. (This course is normally combined with SWK 444 to create a block practicum for one semester totaling 480 hours of practicum experience. SWK 443 and SWK 444 may be taken separately during the academic year with 240 hours of practicum each semester.)
Prerequisites: SWK 202, 302, 303, 311, 331, 332, 333, 341, 342, and senior status in the Social Work Program.

SWK 444
Senior Practicum II
6 credit hours

Provides additional experience to that offered through SWK 443. (This course is normally combined with SWK 443 to create a block practicum for one semester totaling 480 hours of practicum experience. SWK 443 and SWK 444 may be taken separately during the academic year with 240 hours of practicum each semester.)
Prerequisite: SWK 202, 302, 303, 311, 331, 332, 333, 341, 342, and senior status in the Social Work Program.

SWK 450
Directed Study
1-3 credit hours

Under supervision of a behavioral science faculty member, the student pursues a specialized learning experi-

ence with designated learning objectives and implementation procedures.

Prerequisites: Junior or senior standing in professional social work program and arrangement with the social work faculty.

SWK 461
Honors Research
1-3 credit hours

Designed for the honor student who wishes to pursue individual research on a specific problem.

Prerequisites: Senior standing in professional social work program and arrangement with the social work faculty.

SWK 499
Senior Research Paper
3 credit hours

The capstone course in the social work professional degree plan. Working from a research proposal developed in SWK 302, the student completes a comprehensive written analysis of an issue relevant to the social work profession and the student's personal practice goals.

Prerequisites: MAT 232, SWK 302, and senior standing.

SWK 999
1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

TEACHING ENGLISH AS A SECOND LANGUAGE (TESL)

TESL 503
TESL Principles
3 credit hours

A study of the basic principles of language learning and teaching, including a comparison of first and second language acquisition, instructional and learner variables, and methodological implications. (Crosslisted with ESL 303.)

TESL 513
Cross-Cultural Communication
3 credit hours

An overview of the field of cross-cultural communication, including theories and models, major concepts, terminology, and current research. Emphasizes effective interpersonal communication and teaching in the multicultural classroom. (Crosslisted with ESL 413.)

TESL 515
Descriptive Linguistics
3 credit hours

A general introduction to the field of descriptive linguistics, including phonetics, morphology, and syntax, especially as they relate to the second language teacher. (Crosslisted with ESL 315.)

TESL 516
Sociolinguistics
3 credit hours

An introduction to the social use of language, especially as it relates to the second language teacher. Topics include aspects of semantics, discourse analysis, language variations, and social and political implications of language use. (Crosslisted with ESL 316.)

TESL 518
TESL Seminar
3 credit hours

In-depth study of selected topics relevant to the TESL practitioner. (Crosslisted with ESL 318.)

TESL 543
TESL Methods and Materials
3 credit hours

A survey and production of TESL techniques and teaching materials. Students receive training in presentation procedures used to teach ESL, including the use of audiovisuals and personal computers. (Crosslisted with ESL 343.)

TESL 553
TESL Curriculum Design
3 credit hours

An overview of the field of instructional design and curriculum development with a special emphasis on curriculum for English as a second language. (Crosslisted with ESL 353.)

TESL 563
TESL Internship
3 credit hours

Students spend the semester observing, assisting, and teaching in an ESL setting.

TESL 593
TESL Assessment
3 credit hours

An examination of the principles of testing and evaluation as applied to the acquisition of English as a second language. Emphasizes testing skills needed by the classroom teacher. Also covers the principles, procedures, and basic terminology of educational research to aid the classroom teacher in the interpretation of research. (Crosslisted with ESL 393.)

TESL 633
Literature in the ESL Context
3 credit hours

A survey of important theoretical and methodological issues related to the teaching of literature to ESL students and a brief, systematic overview of American literature.

TESL 690
Directed Study
1-3 credit hours

Allows the student to pursue a literature search and conduct a research project in education that pertains to the degree program and is of interest to the student. Designed to assist the student in broadening and strengthening his or her academic preparation in areas of personal interest. The professor may suggest special activities and/or projects.

Prerequisite: Permission of the instructor.

TESL 999
1-6 credit hours

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

THEOLOGICAL AND HISTORICAL STUDIES (THE)

THE 103
Charismatic Life and the Healing Ministry
3 credit hours

Presents the ministry and theology of Oral Roberts and his contribution to the Body of Christ. Emphasizes the importance of the Holy Spirit in the life of the believer and the fact that God is still in living commerce with people, working supernaturally through healing and the gifts of the Spirit. Introduces basic Christian charismatic beliefs and the essential tenets of Oral Roberts Ministries through a topical study of the major themes of the Bible. In keeping with the founding purposes of Oral Roberts University, these beliefs are taught from an interdenominational and charismatic point of view to demonstrate the relevance of Biblical truths not only for what Christians believe and say (faith) but also for what Christians do in Spirit-empowered action (ministry). (Honors sections are available for this course.)

THE 217
Seminar in Theological Research
3 credit hours

Designed to give students a working knowledge of the materials and methods used in theological research. Emphasizes philosophical analysis, theological bibliography, critical methods of reading and studying, research methodology, and thesis writing.

Prerequisite: ENG 101.

THE 299
Introduction to Theology
3 credit hours

A study of the idea of theology, the existence and character of God, the doctrine of the Scriptures, Christology, the Holy Spirit, theological anthropology, and the doctrine of salvation.

THE 302
Introduction to Philosophy
3 credit hours

An introduction to the major problems of philosophy with ancient and modern proposals of solutions. Emphasizes notable Christian thinkers.

THE 303
Major Religions of the World
3 credit hours

A historical survey of current world religions. Emphasizes major beliefs and ethics of various religions.

THE 304
Contemporary Religions in America
3 credit hours

A historical survey of current religions in contemporary America. Emphasizes major beliefs and ethics of various religions.

THE 313
Systematic Theology I
3 credit hours

A study of the idea of theology, the existence and character of God, the doctrine of the Scriptures, and Christology.

THE 314**Systematic Theology II****3 credit hours**

A study of the Holy Spirit, theological anthropology, and the doctrine of salvation.

THE 353**History of Christianity in America****3 credit hours**

A survey of Church history in America from its beginning until the present. Specific emphasis is placed on the development of American denominations and movements.

THE 401**Ethics****3 credit hours**

A Christian perspective on the science of human duty and the major problems encountered. Surveys both ancient and modern solutions.

THE 415**Christian Apologetics****3 credit hours**

A study of the methods of defending the Christian faith in the midst of a pluralistic modern society.

THE 444**Contemporary Theology****3 credit hours**

A study of mid-19th century trends in theological thought from Schleiermacher to modern theologians, with special reference to theological options of the present day.

THE 445**Charismatic Theology****3 credit hours**

A study of the history and teaching of the doctrine of the Holy Spirit within the context of the New Testament, the theological teachings of the Early Church Fathers, and contemporary theological expressions of the Holy Spirit's supernatural gifts.

THE 455**Intensive Studies****3 credit hours**

An investigation of selected theological and historical themes. Area of study may vary.

THE 457**Honors Assistant Practicum****3 credit hours**

A practicum in which the student works one-on-one with an ORU teacher to improve skills in course preparation and administration, time management, tutoring, and communication. The student has opportunities to become involved with professional teaching and/or research on the baccalaureate level in Biblical literature, theology, and church ministries.

THE 461**History of Christianity I: Early Church****3 credit hours**

Acquaints the student with the basic information concerning the important people, events, and dates in the history of the Church from the Apostolic Age to the Medieval Period.

THE 462**History of Christianity II: Medieval Church****3 credit hours**

Seeks to develop an understanding and appreciation for the Christian life and thought of the Middle Ages, with an emphasis on the historical development of thought, doctrine, and practice of the faith. Describes the historical conditions and theologies that led to the Reformation and other modern Christian movements.

Prerequisite: THE 461.

THE 463**History of Christianity III: Reformation to Present****3 credit hours**

A survey of the Christian Church from the Reformation to the present with special reference to key figures, events, themes, and developments.

Prerequisite: THE 461 or 462.

THE 464**Prayer****3 credit hours**

A study designed to assist the student in evaluating and developing a life of prayer. Explores various approaches to prayer that have been described in Scripture and by Christian leaders. (Offered only through distance learning.)

THE 470**Philosophy of Religion****3 credit hours**

An inquiry into the nature of religious faith and life from the philosophical point of view. Includes the nature, function, and value of religious faith; the validity of the claims of religious knowledge; the relationship of faith and ethics; the problem of evil; revealed versus natural religion; the nature of the human spirit and its relationship to God; the nature and value of prayer; and the place of religious faith in modern society.

THE 473**Theology and Philosophy in Modern Culture****3 credit hours**

A study of the theological and philosophical positions of modern thinkers that most affect Christian life and thought, particularly post-modernism and the New Age philosophy, as well as new Christian responses to current theologies and ideas that have developed in recent times. Includes various schools of thought and specific theologians and philosophers, analyzes arguments, and composes Christian responses.

THE 499**Senior Paper****3 credit hours**

A designed research/writing project for seniors studying under the personal guidance of a professor involving specialized research in the area of theological/historical studies.

Prerequisite: THE 217.

THE 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

TELEVISION AND FILM (TVF)

TVF 127**Introduction to Audio Production****3 credit hours**

A comprehensive introduction to the diverse field of audio production. Covers fundamentals of audio, both analog and digital; the processing of and equipment used in audio; responsibilities of the communicator through the medium of audio; and the diversity of audio as used in radio, television, and recording studios. Students are encouraged to consider responsibilities that the Christian communicator has in the modern media milieu.

Course fee: \$40.

TVF 128**Principles of Audio Production****3 credit hours**

A comprehensive introduction to the diverse field of audio production for MMI majors. Covers the fundamentals of audio, both analog and digital; the processing of and equipment used in audio; the responsibilities of the communicator through the medium of audio; and the diversity of audio as used in radio, television, and recording studios. Students are encouraged to consider the responsibilities that the Christian communicator has in the modern media milieu.

Course fee: \$40.

TVF 216**Workshop: Television Production****1-3 credit hours**

Experience in producing a variety of television programs. Students with the approval of the instructor can work as a production team on class projects or at approved television production venues. (May be repeated for credit.)

Prerequisites: MMC 228 or 231; MMC 432.

Course fee: \$40.

TVF 218**Workshop: KORU****1-3 credit hours**

Provides a day-to-day experience relating to the operation, function, and management of a radio station through hands-on participation in sales, programming, and management. (May be repeated for credit.)

Course fee: \$20.

TVF 228**Introduction to Television Production****3 credit hours**

A broad overview of television production procedures in the contemporary television production studio.

Prerequisites: MMC 107, 127, and a major other than MMC-TV.

Course fee: \$40.

TVF 231**Principles of TV Production****3 credit hours**

Designed to provide a broad overview of television production procedures in the contemporary television production studio.

Prerequisites: MMC 107 and 127.

Course fee: \$40.

TVF 300**Non-linear Editing
2 credit hours**

Teaches the fundamentals of editing with Apple Final Cut Pro. The course has a modular structure, offering the student immediate, practical application of the subject material. Media is provided to aid the learning process. The final project is a commercial showcasing the student's ability to shoot, log, capture, edit, and output a final commercial project.

TVF 301**Motion Graphics and Compositing
2 credit hours**

A fundamental course utilizing beginner and intermediate level concepts and skills for the creation of motion graphics and special effects in Adobe After Effects 7.0. Prerequisite: Admittance into the ORU MultiMedia Institute

TVF 312**Advanced Audio Production
3 credit hours**

Designed to amplify and focus student interest and study in a specific technical area of television and film. Through lectures, lab, class demonstrations, and projects, the student develops skill and knowledge in the technical and artistic aspects of audio and sound recording techniques for film and television.

Prerequisite: MMC 127, junior or senior standing, and major in MMC with MULT concentration.

Course fee: \$40.

TVF 313**Lighting for TV/Film
3 credit hours**

Concentrated study of the technical and creative aspects of lighting. Includes a practical examination of the tools, techniques, and theories of lighting for TV/Film.

Prerequisite: MMC 228.

Course fee: \$40.

TVF 314**Media Operations
3 credit hours**

Designed to give the student an understanding of the design and use of equipment in radio, television, and multimedia facilities. Key topics include features and functions of equipment, interconnection, camera setup, drive signals, signal distribution, and new technologies.

Course fee: \$40.

TVF 317**Media Analysis
3 credit hours**

Provides students with essential skills to critically evaluate the content of media in popular society, primarily television and film. Students evaluate multiple works and develop written critiques of various genres. (This is a writing-intensive course.)

Prerequisite: Junior or senior standing.

Course fee: \$40.

TVF 318**Fundamentals of Scriptwriting
3 credit hours**

Teaches the basics of dramatic scriptwriting for television and film and analyzes script from a Christian viewpoint. Includes conflict, format, characterization, and dialogue. Each student writes a script for television.

Prerequisite: MMC 107.

TVF 329**Advanced Television Production
3 credit hours**

A continued study of studio production techniques begun in MMC 228. Students direct their own productions and participate in class projects. Emphasizes above-the-line, creative elements that result in quality TV productions. Class and lab. (This course is taught only in the MultiMedia Institute.)

Prerequisite: MMC 228 or 231; MMC 432.

Course fee: \$40.

TVF 332**Field Production and Editing
3 credit hours**

An indepth study of field production and editing techniques in television. Students gain new skills and insights to equip them for successful single-camera and multiple-camera remote situations.

Course fee: \$40.

TVF 337**Film Production Techniques
3 credit hours**

Concentrates on single-camera, dramatic-production techniques. Projects are shot entirely with video equipment, emphasizing film-style shooting. Includes creative and technical elements characteristic of film production.

Prerequisite: MMC 432.

Course Fee: \$40.

TVF 345**Announcing
3 credit hours**

An overview of broadcast announcing procedures in a number of different broadcast situations. Students practice delivery of a wide range of broadcast copy.

Prerequisites: MMC 127 and 228.

Course fee: \$40.

TVF 408**Broadcast News
3 credit hours**

Studies broadcast journalism, its tools, and techniques. Examines the factors that determine the value of news and how news is gathered and disseminated. Provides experience in writing news for broadcast and in delivering news in an "On Air" situation. Presents a Christian perspective and teaches responsibility as a Christian in the field of broadcasting.

Prerequisites: JRN 107, 205, 317, TVF 127, and typing ability.

Course fee: \$40.

TVF 447**Producing and Directing
3 credit hours**

An examination of the role of the producer and director in TV production. Emphasizes program concept formation and development for the producer and creative interpretation for the director.

Prerequisite: MMC 228.

Course fee: \$40.

TVF 457**Advanced Field Production and Editing
3 credit hours**

Examines both long and short form productions shot on location. Emphasizes commercials, documentaries, and demonstrational video productions.

Prerequisite: MMC 432.

Course fee: \$40.

TVF 499**Senior Research Project
3 credit hours**

Specialized research culminating in a senior paper and/or other approved project.

Prerequisite: Permission of instructor.

Course fee: \$40.

TVF 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

WRITING (WRT)

WRT 112**Reading and Writing Laboratory
1 credit hour**

Individualized diagnosis, prescription, and instruction in reading and writing for academic purposes. (May be taken two semesters for credit.)

WRT 201**Introduction to Writing
3 credit hours**

An introductory course designed for writing majors who are planning to work in the literary forms of fiction, poetry, and drama. Includes representative readings from modern authors who describe the writing craft, its requisite skills and values. Students explore various approaches to a Christian aesthetic and to the vocation of a creative artist. Includes readings from a variety of literary genres, analyzing the style and structure of these works, and composing poems and short prose pieces using exposition, description, narration, and dialogue.

Prerequisite: ENG 101.

Corequisite: WRT 212

WRT 212**Writing Workshop: Revising
1 credit hour**

Serves as a writing workshop for students in WRT 201. The students will discuss, evaluate, and propose revisions for their drafts of informal essays, short stories, poems, and dramatic scenes. They will practice the skills and values discussed by some leading writers represented in their textbooks required in WRT 201. They will be expected to offer honest, respectful comments to their peers in the lab.

Corequisite: WRT 201

WRT 300**Workshop for Peer Tutors
1 credit hour**

A study of specific teaching skills for the purpose of training tutors, writers, and teachers. Includes a review of written and oral communication techniques as well as research in effective tutoring and collaborative writing methods. Also includes a tutoring practicum in the Tutoring Center.

WRT 304**Structure of Modern English
3 credit hours**

A study of conventional grammar and usage through the analysis and diagramming of sentences. Emphasizes traditional grammar and the linguistic approach to language. (Honors section is available.)

WRT 312**Writing Workshop: Copyediting****1 credit hour**

Provides editing, proofreading, and copyediting experience. Focuses on marking online and paper texts. Includes identifying and solving problems in texts as well as editing for accuracy and revising for clarity and conciseness.

Prerequisite: WRT 201

WRT 313**Writing Workshop: Diction****1 credit hour**

Provides revision experience for both creative and technical writers. Focuses on diction, word choice, tone, and morphemes. Includes Latin and Greek roots, borrowed words, and commonly confusing and misused words.

WRT 331**Literary Writing****3 credit hours**

Instruction in creative expression. Practical experience in description, narration, dramatic dialogue, and varied poetic forms.

WRT 335**Technical Writing I****3 credit hours**

Designed specifically for students preparing for professional writing in business, science, publishing, and other fields. Focuses on collaborative writing, problem-solving, analyzing audience, research, documenting sources, and revising for clarity and conciseness. Develops skills for writing, editing, and proofreading brochures, instruction manuals, newsletters, and short reports. Practices computer skills for written documents and oral presentations.

Prerequisites: ENG 101, typing ability, and basic computer skills.

Lab fee: \$45.

WRT 336**Technical Writing II****3 credit hours**

Designed to prepare students for technical writing opportunities and build on skills from WRT 335. Continues focus on problem solving, editing, proofreading, clarity, and conciseness. Develops skills for writing and revising proposals, graphics, analytical reports, and Web pages.

Prerequisites: WRT 304 and PRF 320 Writing Major/Minor Proficiency.

Lab fee: \$45.

WRT 355**History of the English Language****3 credit hours**

Acquaints students with the evolution of the English language. Presents various aspects of the history of the language, including changes in pronunciation, grammar, syntax, vocabulary, spelling, orthography, and meaning. Focuses on linguistics tools as well as concepts such as the interaction of society, thought, culture, and language. (This is a writing-intensive course.)

WRT 400**Writing Internship****1-3 credit hours**

Systematic and supervised practicum in a business or organization. Application of technical and writing skills. Credit varies, depending on time involved on-site. (May be repeated for credit.)

Prerequisites: WRT 304; permission of the department.

WRT 405**Literary Genres****3 credit hours**

A workshop that encourages creative expression, with projects concentrating in one genre (e.g., poetry or short fiction). Designed for the serious writer who is capable of developing a writer's discipline. (May be taken twice for credit.)

Prerequisites: WRT 331 and PRF 320 Writing Major/Minor Proficiency.

WRT 410**Desktop Publishing****3 credit hours**

A study and application of computer skills and programs used in desktop publishing. Emphasizes the creation and adjusting of texts by using current desktop publishing programs. Requires additional computer laboratory time.

Prerequisite: WRT 335 or WRT 336.

Lab fee: \$45.

WRT 430**Grant Writing****3 credit hours**

Designed to help students who are preparing for careers in disciplines and services that utilize funding from private and public foundations. Students learn skills of identifying need, defining goals, evaluating programs, locating grant sources (e.g., databases), researching potential funders' interests and expectations, preparing a budget, and writing grant proposals, letters, and follow-up reports.

Prerequisites: Senior standing and permission from the student's department chair.

WRT 450**Directed Study****1-3 credit hours**

Directed study in a writing-related area under the supervision of a faculty member on topics approved by the professor and department chair.

Prerequisites: Permission of professor and department chair.

WRT 499**Senior Paper/Project****3 hours**

A significant writing project under the guidance of a writing professor. Provides writing majors specializing in technical writing with an opportunity to begin and complete an appropriate capstone writing project. Involves research needed to complete the project, the project itself (e.g., a website, grant proposal), and a short paper documenting the project's process.

Prerequisite: Senior standing; departmental approval.

WRT 999**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.