



[2008 – 2009]
CATALOG

ORU
ORAL ROBERTS UNIVERSITY

SCHOOL OF ARTS AND CULTURAL STUDIES

Wendy Shirk, Ed.D., Dean

MISSION STATEMENT: The School of Arts and Cultural Studies equips students to synthesize and integrate knowledge within a distinctly charismatic Christian worldview and lifestyle characterized by ethical behavior and physical well being. Students train to be servant-leaders in ministry, the arts, cultural groups, politics, communications, and media, as they "go into every person's world" and make a significant impact for Jesus.

Faculty

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

Mark Anderson.....Assistant Professor of Government
B.S., Willamette University, 1982; B.A., Western Washington University, 1988; M.E.d., 2000; Ph.D., University of Idaho, 2007.

Cheryl Bocanegra.....Assistant 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. Branstor.....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.

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

Trice Butler.....Assistant Professor of English
B.S., Oklahoma Central University, 1971; M.S., Southeastern Mississippi State University, 1984; Ed.S., Pittsburgh State University, 1989; Ed.D., Oral Roberts University, 2002.

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.

Even A. Culp.....Professor of Communication Arts and Director of the MultiMedia Institute
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
B.A., Oral Roberts University, 1975; M.A., University of Tulsa, 1976.

William R. Epperson.....Professor of English and Chair, English Department
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
B.S., Oklahoma State University, 1985; M.S., 2004.

Rhonda Gallagher.....Instructor of Communication Arts
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.

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, Music Department
B.S., University of North Carolina, 1977; M.A., Oral Roberts University, 1987; D.M.A., Southwestern Baptist Theological Seminary, 1992.

H. Jerome Hatley.....Associate 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.

Laura L. Holland.....Professor of Drama and Chair, Communication Arts 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.

Soohyun Jin.....Associate Professor of Music
B.M., Oral Roberts University, 1987; M.M., University of Tulsa, 1990; D.M.A., University of Oklahoma, 1998.

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 and Interim Chair, History, Humanities, and Government Department
B.A., Oral Roberts University, 2001.

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

Angela Lee.....Instructor of Communication Arts and Associate Chair, Communication Arts Department
B.A., Oral Roberts University, 1993; M.A., Oklahoma State University, 2000.

Mark David Mann.....Assistant Professor of Spanish
B.A., Southwestern University, 1987; M.A., Southern Nazarene University, 1992; M.S., Nova Southeastern University, 2006; Ed.D., Oklahoma State University, 1999.

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
B.A., Maherere 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.

Peggy M. Null.....Instructor of English
B.A., Furman University, 1963; M.A., Kansas State University, 1971.

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.....Lecturer of Humanities
B.S., Oral Roberts University, 1997.

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/Humanities
B.S., Illinois State University, 1975; M.S., 1980; Ph.D., University of Illinois, 1987.

Chris Putman.....Instructor of Journalism
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.....Instructor 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.

Wendy Shirk.....Assistant Professor of Interpersonal/Organizational Communications and Dean
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, Modern Foreign 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.

Dana Sterling.....Instructor of Journalism
B.S., University of Tulsa, 1983; M.A., University of Oklahoma, 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.

Linda F. Shrewsbury.....Assistant Professor of History, Humanities, and Government
A.B., Harvard College, 1974; M.S., Oklahoma State University, 2007.

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

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.

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

Charles J. Zwick, Jr......Assistant Professor of Communication Arts
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. Grant Moore, 1970-1987
Dr. David Robbins, 1968-2003
Dr. Barbara Silvers, 1968-2003
Dr. Robert Voight, 1967-2008
Dr. Grady Walker, 1967-2004

ART DEPARTMENT

Jason Howell, M.F.A., *Chair*

MISSION STATEMENT: The Art Department validates and nurtures each student's call to be a Christian artist or art teacher. The faculty seeks to instill a firm foundation of creative experiences in the second and third dimensions and a critical knowledge of art of the past and present. The faculty teach students the necessary technical art skills and written skills to pursue their chosen disciplines. All these facets collectively assist students in the preparation of a portfolio enabling them to be competitive in the marketplace or in application to graduate school.

The bachelor of science degree is offered in graphic design print and graphic design video. The graphic design print major provides a well-rounded foundation in graphic arts. The art student majoring in graphic design video will have a comprehensive major covering graphic design, marketing, mass media communication, and computer graphics combined with digital technology electives. This major prepares students to go into the field of design in the video arena. The bachelor of arts degree is offered in studio art and art education. Students electing the studio art program work in four areas (painting, ceramics, sculpture, and printmaking) may adapt the major to help prepare them for alternative teaching certification. The art education major prepares a student for licensure to teach art from kindergarten through high school. Also offered is an art minor and a fine arts technology minor, both 18 hours..

The Art Department can also prepare students for graduate work in art therapy or biomedical illustration. Students planning for graduate school in art therapy are advised to complete a four-year major in studio art or art education with a minor in psychology. Students planning for graduate school in biomedical illustration are advised to complete a four-year major in graphic design with a minor in biology. Students interested in these fields start undergraduate studies with a general set of courses based on admission requirements of several representative schools in that field. However, since some of these schools have unique preparatory requirements, students are advised to obtain a catalog from the school to which they plan to apply in order to determine the exact admission requirements.

GRAPHIC DESIGN PRINT MAJOR (GRP)

Bachelor of Science

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, ART 307)	12
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
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

Core Courses

ART 101	Fundamentals of Art I	3
ART 102	Fundamentals of Art II	3
ART 103	Art History Survey I	3
ART 104	Art History Survey II	3
ART 105	Color	3
ART 213	Drawing	3
ART 214	Figure Drawing	3

Core Total 21

Major

ART 203	Painting I	3
ART 204	Printmaking I	3
ART 218	Graphic Design I	3
ART 318	Graphic Design II	3
ART 444	Web Design	3
ART 353	Practicum Infield Study I	3
ART 363	Black and White Photography	3
ART 440	Computer Graphics DTP	3
ART 450	Computer Graphics DTV	3
ART 453	Practicum Infield Study II	10
ART 499	Senior Project	3

Major Total 40

Electives Total 12

Degree Total 128

GRAPHIC DESIGN VIDEO MAJOR (GRV)

Bachelor of Science

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214) (ART 307 may be substituted for HUM 214.)	12
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
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

Core Courses

ART 101	Fundamentals of Art I	3
ART 102	Fundamentals of Art II	3
ART 103	Art History Survey I	3
ART 104	Art History Survey II	3
ART 105	Color	3
ART 213	Drawing	3
ART 214	Figure Drawing	3

Core Total 21

Major

ART 218	Graphic Design I	3
ART 318	Graphic Design II	3
ART 444	Web Design	3
ART 353	Practicum Infield Study I	3
ART 363	Black and White Photography	3
ART 440	Computer Graphics DTP	3
ART 450	Computer Graphics DTV	3
ART 453	Practicum Infield Study II	10
ART 499	Senior Project	3

Major Total 34

Cognate

MMC 104	Foundations in Mass Media Communication	3
MMC 221	Advertisement and Marketing in Telecommunication	3
MMC 228	Introduction to Television Production	3
MMC	Elective*	3
MMC	Elective*	3

Cognate Total 15

Electives Total 3

Degree Total 128

*Should be digital imaging courses. Students should consult with their advisors.

STUDIO ART MAJOR (STA) Ceramics, Painting, Sculpture, Printmaking

Bachelor of Arts

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203, French or German recommended)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214*) (ART 307 may be substituted for HUM 214.)	12
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

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 61

Core Courses

ART 101 Fundamentals of Art I	3
ART 102 Fundamentals of Art II	3
ART 103 Art History Survey I	3
ART 104 Art History Survey II	3
ART 105 Color	3
ART 213 Drawing	3
ART 214 Figure Drawing	3

Core Total 21

Major

ART 201 Ceramics I	3
ART 202 Sculpture I	3
ART 203 Painting I	3
ART 204 Printmaking I	3
ART 452 Directed Study*	6
ART 499 Senior Project	3

Choice of three of the following courses:

ART 233 Crafts**	3
ART 333 Watermedia**	3
ART 301 Ceramics II	3
ART 302 Sculpture II	3
ART 303 Painting II	3
ART 304 Printmaking II	3
ART 307 Art History Survey III	3
ART 363 Black and White Photography	3
ART 462 Elementary Art Methods and Evaluation**	3

Major Total 30

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

**Only for students pursuing alternative certification.

Cognate

Choice of one of the following courses:

MMC 221 Advertisement and Marketing in Telecommunication	3
MGT 421 Entrepreneurship	3
ART 456 Secondary Art Methods and Evaluation**	3

Cognate Total 3

Electives Total 13

Degree Total 128

**Only for students pursuing alternative certification.

ART EDUCATION MAJOR (ARTE) with K-12 Teaching Licensure

Bachelor of Arts

Students seeking licensure to teach at the K-12 levels have two options: completion of the art education major leading to standard certification or completion of the studio art major, 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.

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 School of Education. Students interested in this major should work with both the advisor in this department and with the School 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

Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Social Sciences (SOC 323)	3
Humanities (HUM 111, 112, 213, ART 307)	12
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
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)	5

General Education Total 61

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 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
Choice of two the following courses:	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 363 Black/White Photography	
ART 452 Directed Study (Printmaking)	

Major Total 42

Note: The requirement of a senior paper/project is met by the professional education portfolio.

Professional Education

PED 100 Education Seminar (every semester)	0
Choice of one of the following two field experiences:	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

Art Minor (ART)

The art minor is designed for students majoring in another field.

Choice of one of the following two courses:

ART 101 Fundamentals of Art I	3
ART 102 Fundamentals of Art II	

Choice of one of the following three courses:

ART 103 Art History Survey I	3
ART 104 Art History Survey II	
ART 307 Art History Survey III	

Choice of four of the following courses:

ART 105 Color	12
ART 201 Ceramics I	
ART 202 Sculpture I	
ART 203 Painting I	
ART 204 Printmaking I	
ART 213 Drawing	
ART 214 Figure Drawing	
ART 218 Graphic Design I	
ART 223 Crafts	
ART 280 Future Media	
ART 301 Ceramics II	
ART 302 Sculpture II	
ART 303 Painting II	
ART 304 Printmaking II	
ART 318 Graphic Design II	
ART 333 Watermedia	
ART 363 Black and White Photography	
ART 440 Computer Graphics (DTP)	
ART 444 Web Design	
ART 450 Computer Graphics (DTV)	
ART 452 Directed Study	
ART 456 Secondary Art Methods and Evaluation	
ART 462 Elementary Art Methods and Evaluation	

Minor Total 18

Fine Arts Technology Minor (FTEC)

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 218	Graphic Design I	3
ART 440	Computer Graphics (DTP)	3
<i>Choice of one of the following courses:</i>		
ART 101	Fundamentals of Art I (3 hrs.)	3
ART 213	Drawing (3 hrs.)	3

Art Total	9
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Communication Arts

<i>Choice of three of the following courses:</i>		
MMC 128	Principles of Audio Production (3 hrs.)	9
MMC 228	Introduction to TV Production (3 hrs.)	
MMC 219	Introduction to Interactive Media (3 hrs.)	
MMC 304	Intermediate Interactive Media (3 hrs.)	
MMC 318	Fundamentals of Scriptwriting (3 hrs.)	
MMC 412	Advanced Interactive Media (3 hrs.)	
MMC 417	Media Analysis (3 hrs.)	

Communication Arts Total	9
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Music

MUS 300	Music Appreciation	3
<i>Choice of two of the following courses:</i>		
MUS 061/089	Performance Groups (1 hr.)	2
MUS 001/025	Applied Music (1 hr.)	
MUS 131	Class Voice (1 hr.)	
MUS 135	Class Guitar (1 hr.)	
<i>Choice of four hours from the following:</i>		
MUS 105	Introduction to Music Technology (1 hr.)	4
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
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Minor Total	18
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Awards

In recognition of scholarship, artistic ability, leadership, and ORU lifestyle commitment, the Art Department annually honors outstanding students by the presentation of the following awards:

- *Outstanding Art Student of the Year*
- *Outstanding Graduating Senior Art Student of the Year in the following areas:* art education, graphic design (print), graphic design (video), and studio art.
- *Warren and Eileen Straton Memorial Scholarship*—awarded to a sophomore or junior in art education, graphic design, or studio art.
- *Charles Ramsey Sr. Memorial Scholarship*—awarded to a sophomore or junior art major.

Course Offerings

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:

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 201	Ceramics I
ART 202	Sculpture I
ART 203	Painting I
ART 204	Printmaking I
ART 213	Drawing
ART 214	Figure Drawing
ART 218	Graphic Design I
ART 223	Crafts
ART 280	Future Media
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 333	Watermedia
ART 353	Practicum Infield Study I
ART 363	Black and White Photography
ART 440	Computer Graphics (DTP)
ART 444	Web Design
ART 450	Computer Graphics (DTV)
ART 452	Directed Study
ART 453	Practicum Infield Study II
ART 456	Secondary Art Methods and Evaluation
ART 462	Elementary Art Methods and Evaluation
ART 499	Senior Project
ART 999	Elective

COMMUNICATION ARTS DEPARTMENT

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

MISSION STATEMENT: The mission of the Communication Arts Department is to prepare students to achieve a cultural background in communication, to pursue graduate degrees, to receive state certification as speech/drama/debate teachers, and to become servant-leaders in ministry, law, drama, politics, electronic media, journalism, public relations, advertising, and human resources development as they "...go into every person's world."

Courses in the Communication Arts Department are for students desiring (1) general cultural background in the various aspects of communication; (2) a basis for pursuit of graduate work in any of the communication arts; (3) foundational preparation for a career in the mass media; (4) certification for teaching speech/drama in the secondary schools; 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 Communication Arts Department offers eight majors: Drama; Drama/TV/Film Performance; Organizational/Interpersonal Communication; Mass Media Communication; Speech/Drama/Debate Education; Worship Arts, Dance Performance, and Musical Theatre. The Mass Media Communication major offers four areas of concentration: journalism, broadcast journalism, public relations/advertising, and multimedia production, which includes television and film production techniques, editing, and interactive authoring for animation and Web application.

The Communication Arts Department also offers several minors, which are listed later in this section.

DANCE PERFORMANCE (DANP)

Bachelor of Arts

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communications (COM 101)	3
Humanities (HUM 111, 214, 213 and DANP 125)	12
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
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 dance aerobic proficiency)	2
General Education Total	58

Major

<i>A total of eight semesters of ballet:</i>		8
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>		8
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 related dance forms:</i>		6
DANP 102	Beginning Related Dance Forms	
DANP 105	Related Dance Forms I*	
DANP 205	Related Dance Forms II*	
DANP 305	Related Dance Forms III*	
DANP 106	Dance Seminar (taken 8 times at .5)	4
DANP 107	Improvisation I	1
DANP 108	Improvisation II	1
DANP 207	Fundamentals of Choreography	2
DANP 307	Intermediate Choreography	2
DANP 325	History of Dance II	3
DANP 406	Pedagogy I	2
DANP 407	Advanced Choreography	2
DANP 426	Pedagogy II	2
DANP 490	Senior Performance	3

Major Total	44
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*Class has a performance component and is taken for two semesters at 1 hour credit per semester.

Cognate

COM 205	Fundamentals of Acting	3
COM 215	Introduction to Theatre	3
DANP 230	Dance for Worship*	3
DANP 109	Dance Ensemble	3
DANP 420	Performance Arts Management	3
HPE 316	Kinesiology and Biomechanics	3

Cognate	18
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Electives	8
Degree Total	128

*Class is taken for three semesters at 1 hour credit per semester.

DRAMA MAJOR (CAD)

Bachelor of Arts

The drama 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.

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communications (COM 101)	3
Humanities (HUM 111, 112, 214 and COM 304 or 305)	12
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
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	61

Major

DANP 100	Beginning Ballet	1
DANP 101	Beginning Modern Dance	1
DANP 102	Beginning Related Dance Forms	1
COM 105	DTF Seminar (taken 8 times at .5)	4
COM 205	Fundamentals of Acting (for majors)	3
COM 215	Introduction to Theatre	3
COM 216	Introduction to Technical Production	3
COM 232	Acting Styles	3
COM 301	Acting for Musical Theatre	3
COM 306	Advanced Acting	3
COM 336	Directing	3
COM 403	Costume Design	3
COM 405	Theatrical Design	3
<i>Choice of one of the following two design courses:</i>		3
COM 233	Theatrical Lighting Design and Technology	3
COM 404	Theatrical Scene Design	3
COM 498	Senior Paper Preparation	1
COM 499	Research and Senior Paper/Project	2
Major Total		40
Minor		18
Electives		9
Degree Total		128

DRAMA/ TELEVISION/ FILM PERFORMANCE MAJOR (DTF)

Bachelor of Science

The drama/television/film performance division of the Communication Arts Department (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.

All drama/television/film performance majors must register for COM 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.

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 214 and COM 304)	12
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
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

Major

COM 105	Drama/TV/Film Performance Seminar (8 semesters at .5 per semester)	4
COM 107	Film Acting Techniques	3
COM 205	Fundamentals of Acting	3
COM 215	Introduction to Theatre	3
COM 216	Introduction to Technical Production	3
COM 232	Acting Styles	3
COM 305	Theatre History II	3
COM 306	Advanced Acting	3
COM 336	Directing	3
COM 403	Costume Design	3
COM 405	Design Makeup	3
<i>Choice of one of the following two design courses:</i>		3
COM 233	Theatrical Lighting Design and Technology	3
COM 404	Theatrical Scene Design	3
COM 498	Senior Paper Preparation	1
COM 499	Research and Senior Paper/Project	2

Major Total 40

Cognate

DANP 100	Beginning Ballet	1
DANP 101	Beginning Modern Dance	1
DANP 102	Beginning Related Dance Forms	1
COM 301	Acting for Musical Theatre	3
MMC 127	Introduction to Audio Production	3
MMC 318	Fundamentals of Scriptwriting	3
MMC 345	Announcing	3
MMC 437	Film Production Techniques	3
<i>Choice of one of the following</i>		3
MMC 228	Introduction to Television Production	3
MMC 432	Field Production and Editing	3

Cognate Total	21
Electives	12
Degree Total	128

MUSICAL THEATRE (MUST)

Bachelor of Arts

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

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communications (COM 101)	3
Humanities (HUM 111, 214, MUS 206, COM 305)	12
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
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)	2
General Education Total	58

Major

MUS 001-025	Applied Music Voice (8 semesters at 1 hr. per semester)	8
MUS 001-025	Applied Music Piano	1
MUS 073	Opera Theatre (4 semesters at 1 hr. per semester)	4
MUS 099	Music Seminar (4 semesters at .5 per semester)	2
MUS 101	Harmony I	2
MUS 102	Harmony II	2
MUS 103	Sight Singing I	2
MUS 104	Sight Singing II	2
MUS 241	Phonetics for Singers	1
MUS 352	Musical Theatre History	2
COM 105	DTF Seminar (6 semesters at .5 per semester)	3
COM 205	Fundamentals of Acting	3
COM 215	Introduction to Theatre	3
COM 216	Introduction to Technical Production	3
COM 301	Acting for Musical Theatre	3
COM 306	Advanced Acting	3

COM 336	Directing	3
COM 405	Theatrical Design	3
COM 499	Research and Senior Paper/Project	3
Major Total		53
Dance Minor		18
Degree Total		129

MASS MEDIA COMMUNICATION MAJOR (MMC)

Bachelor of Science

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

The Bachelor of Science in Mass Media Communication requires a concentration from among the following four areas: broadcast journalism, public relations/advertising, journalism, and multimedia production (film, interactive, television). In keeping with the professional program, students normally will be guided into 18-19 additional hours in the most appropriate mass media communication courses on the basis of a chosen area of concentration. The concentration sections below specify the options using these 18-19 hours. MMC 104 must be taken during a student's first year on campus. Students interested in the multimedia production concentration must complete the MultiMedia Institute to graduate. 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 and concentration, cognate, and electives.

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
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

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

Major

MMC 104	Fundamentals in Mass Media Communications	3
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MMC 107	Newswriting I	3
MMC 221	Advertising and Marketing	3
MMC 489	Mass Communications Strategy	3
MMC	Concentration	15
<i>Choice of three hours from the following courses:</i>		3
COM 498	Senior Paper Preparation (1 hr.)	
COM 499	Research and Senior Paper/Project (2-3 hrs.)	
MMC 499	Senior Research Project (3 hrs.)	

Major Total	30
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Students majoring in mass communications need to choose one of the following concentrations and its corresponding cognate:

■ Broadcast Journalism Concentration (BJRN)

COM 205	Fundamentals of Acting	3
COM 322	Interviewing	3
MMC 127	Introduction to Audio Production	3
MMC 205	Writing for Mass Communication	3
MMC 228	Introduction to TV Production	3

Concentration Total	15
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Broadcast Journalism Cognate

MMC 208	Broadcast News	3
MMC 215	Workshop: Newsgathering	1
MMC 317	Newswriting II	3
MMC 321	Mass Media Law	3
MMC 345	Announcing	3
MMC 432	Field Production/Editing	3
MMC 451	Communications Internship	3

Cognate Total	19
Minor and/or Electives	24

Degree Total with Concentration	128
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■ Public Relations/Advertising Concentration (PRA)

MMC 205	Writing for Mass Communication	3
MMC 421	Integrated Marketing Communication	3
MMC 428	Public Relations Case Studies	3
COM 302	Advanced Public Speaking	3
<i>Choice of one of the following four courses:</i>		3
COM 300	Organizational Communication	
COM 309	Argumentation and Persuasion	
COM 322	Interviewing	
COM 342	Communication Theory	

Concentration Total	15
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Public Relations/Advertising Cognate

MMC 220	Principles of Advertising	3
MMC 225	Principles of Public Relations	3
MMC 321	Mass Media Law	3
MMC 416	Advertising Layout and Design	3
MKT 333	Consumer Behavior	3
<i>Choice of one of the following two workshops:</i>		1
MMC 213	Workshop: Publications	
MMC 217	Workshop: Public Relations	
<i>Choice of one of the following three courses:</i>		3
MMC 427	Public Relations Management	
COM 451	Communications Internship	
COM 453	Directed Study	

Cognate Total	19
Minor and/or Electives	24

Degree Total with Concentration	128
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■ Journalism Concentration (JRN)

MMC 127	Introduction to Audio Production	3
MMC 205	Writing for Mass Communication	3
MMC 228	Introduction to TV Production	3
<i>Choice of one of the following two courses:</i>		3
COM 205	Fundamentals of Acting	
COM 215	Introduction to Theatre	
<i>Choice of one of the following four courses:</i>		3
COM 300	Organizational Communication	
COM 309	Argumentation and Persuasion	
COM 322	Interviewing	
COM 342	Communication Theory	

Concentration Total	15
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Journalism Cognate

MMC 213	Workshop: Publications	1
MMC 305	Editing for Print	3
MMC 317	Newswriting II	3
MMC 321	Mass Media Law	3
MMC 444	Feature Writing	3
COM 451	Communications Internship	3
<i>Choice of one of the following courses:</i>		3
MMC 208	Broadcast News	
MMC 225	Principles of Public Relations	
MMC 363	Black and White Photography	
COM 453	Directed Study	

Cognate Total	19
Minor and/or Electives	24

Degree Total with Concentration	128
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■ MultiMedia Production Concentration* (MULT)

MMC 128	Principles of Audio Production	3
MMC 219	Introduction to Interactive Media	3
MMC 231	Principles of TV Production	3
MMC 304	Intermediate Interactive Media	3
MMC 318	Fundamentals of Scriptwriting	3

Concentration Total	15
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MultiMedia Production Cognate

MMC 412	Advanced Interactive Media	3
MMC 432	Field Production and Editing	3
MMC 437	Film Production Techniques	3
COM 451	Communications Internship	3
<i>Choice of two of the following courses:</i>		6
MMC 312	Advanced Audio	
MMC 313	Lighting for TV/Film	
MMC 314	Media Operations	

Cognate Total	18
Minor and/or Electives	25

Degree Total with Concentration	128
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*Students interested in graduating with this concentration must get advisor approval and complete the MultiMedia Institute, which is explained in the next section.

MultiMedia Institute

The Mass Media/Multimedia Production concentration requires 30 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 MMC

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 will be required to choose a new career path 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 comprised of media professionals and faculty from the Communication Arts Department.

Students participating in the MultiMedia Institute during their junior year receive intense hands-on experience, 40-hours a week, for 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 \$2200 fee to cover the cost of a high-end laptop and \$900 to cover long-distance field trips.

Students are taught by faculty while they work daily with 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 (CAI)

Bachelor of Arts

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.

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
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 (Health Fitness I and II, swimming course or proficiency, and six electives)	5
General Education Total	61

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/Com 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	
COM 451 Internship	
ESL 413 Cross-Cultural Communication	

Major Total	31
Minor	18
Electives	18
Degree Total	128

WORSHIP ARTS MAJOR (WOR)

Bachelor of Science

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
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

Major

COM 204 Playwriting for the Church	3
COM 205 Fundamentals of Acting	3
COM 216 Introduction to Technical Production	3
COM 336 Directing	3
MMC 127 Introduction to Audio Production	3
CHRM 360 Biblical Foundations of Worship and Prophetic Leadership	3
MUS 089 Contemporary Music Ministry Ensemble*1	
MUS 089 Contemporary Music Ministry Ensemble*1	

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 228 Contemporary Music Theory/Lead Chart Notation	3
MUS 320 Songwriting and Arranging	2
Choice of four semesters from the following applied music courses:	4
MUS 001 Piano (1 hr.)	
MUS 004 Applied Music: Voice (1 hr.)	
MUS 005 Guitar (1 hr.)	
Choice of two semesters from the following performance groups:	2
MUS 061 Chamber Singers (1 hr.)	
MUS 062 Celebration Choir (1 hr.)	
MUS 063 University Chorale (1 hr.)	
MUS 064 Women's Chorus (1 hr.)	
MUS 065 Orchestra (1 hr.)	
MUS 067 Wind Ensemble (1 hr.)	
MUS 075 Studio Jazz Ensemble (1 hr.)	
MUS 080 Guitar Ensemble (1 hr.)	
MUS 086 Jazz Combo (1 hr.)	
PRF 100 Piano Proficiency	0
PRF 101 Music Vocabulary Proficiency	0
PRF 105 Voice Proficiency	0
Major Total	39

Cognate

MUS 066 Oratorio*	0
MUS 066 Oratorio*	0
MUS 098 Seminar for Worship Majors*	1
MUS 105 Introduction to Music Technology	1
MUS 417 The Worship Service: Design and Function	3
MUS 420 Worship Internship	3
MUS 451 Church Music Administration	3
MUS 452 Music and Worship in the Charismatic/Evangelical Church	3
Choice of one of the two following courses:	2
MUS 207 Guitar Skills and Improvisation	
MUS 210 Keyboard Skills and Improvisation	

Cognate Total	16
Electives or Minor	18
Degree Total	128

*These classes are taken more than one semester.

SPEECH/DRAMA/ DEBATE EDUCATION MAJOR (CAE) with Secondary School Teaching Licensure Bachelor of Arts

Students seeking licensure to teach at the secondary levels have two options: (1) completion of the communication arts education major, which leads to standard certification or (2) completion of any other major in the Communications Department, which can lead to alternative certification. Students seeking alternative certification are encouraged, but not required, to pursue an education minor. 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.

Students preparing to teach speech/drama/debate in the secondary schools achieve a major in communication arts. Secondary school teaching areas in speech communication include drama, debate, forensics, general speech, and combined areas.

A cooperative liaison is maintained throughout the program by the Communication Arts Department and the School of Education for the teacher candidate. For this reason, it is important that all teacher candidates identify themselves to the Communication Arts Department as soon as possible.

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
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	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
Humanities (HUM 112, 213, 214)	9
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Foreign language (2 semesters including 203)	6
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 (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)	5
General Education Total	58

Major

MMC 345	Announcing	3
COM 105	Drama/TV/Film Performance Seminar	0
COM 202	Oral Interpretation of Literature	3
COM 205	Fundamentals of Acting	3
COM 215	Introduction to Theatre	3
COM 216	Introduction to Technical Production	3
COM 250	Forensics	1
COM 260	Debate and Tournament Directing	2
COM 304	Theatre History I	3
COM 305	Theatre History II	3
COM 309	Argumentation and Persuasion	3
COM 336	Directing	3
COM 498	Senior Paper Preparation	1
COM 499	Research and Senior Paper/Project	2
DANP 107	Improvisation I	1
<i>Choice of one of the following courses:</i>		1
DANP 100	Beginning Ballet	
DANP 101	Beginning Modern Dance	
DANP 102	Beginning Dance Forms	
GOV 488	Model United Nations	1
<i>Choice of one of the following courses:</i>		3
COM 302	Advanced Public Speaking	
COM 306	Advanced Acting	
GOV 487	Oklahoma Intercollegiate Legislature (3 hrs.)	

Choice of two of the following courses:

COM 403	Costume Design
COM 404	Theatrical Scene Design
IS 301	Christian Worldview

Choice of one of the following courses:

MMC 104	Fundamentals in Mass Media Communication
MMC 228	Introduction to Television Production
MMC 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

Dance Minor (DANP)

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.

	<i>Credit Hours</i>
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 Related Dance Forms* (1 hr.)	
DANP 105 Related Dance Forms I* (1 hr.)	
DANP 205 Related Dance Forms II* (1 hr.)	
DANP 305 Related Dance Forms III* (1 hr.)	

Minor Total 18

*Course can be taken more than once for credit.

Drama Minor (CAD)

COM 215	Introduction to Theatre	3
COM 216	Introduction to Technical Production	3
COM 336	Directing	3
COM	Drama electives*	9

Minor Total 18

*With approval of the drama advisor.

Fine Arts Technology Minor (FTEC)

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 218	Graphic Design I	3
ART 440	Computer Graphics (DTP)	3
<i>Choice of one of the following courses:</i>		3
ART 101	Fundamentals of Art I (3 hrs.)	
ART 213	Drawing (3 hrs.)	

Art Total 9

Communication Arts

<i>Choice of three of the following courses:</i>		9
MMC 128	Principles of Audio Production (3 hrs.)	
MMC 219	Introduction to Interactive Media (3 hrs.)	
MMC 228	Introduction to TV Production (3 hrs.)	
MMC 304	Intermediate Interactive Media (3 hrs.)	
MMC 318	Fundamentals of Scriptwriting (3 hrs.)	
MMC 412	Advanced Interactive Media (3 hrs.)	
MMC 417	Media Analysis (3 hrs.)	

Communication Arts Total 9

Music

MUS 300	Music Appreciation	3
<i>Choice of two of the following courses:</i>		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.)	
<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

Human Resources Development Minor (HRD/HRDN)

This minor has two tracks, depending on whether or not the student is an organizational/interpersonal communication major.

For organizational/interpersonal communication majors (HRD)

MGT 130	Principles of Management	3
MGT 352	Organizational Behavior	3
MGT 353	Human Resources Management	3
MMC 225	Principles of Public Relations	3

COM 412	Training and Development	3
COM	Elective from organizational/interpersonal communication	3
Minor Total		18

For students not majoring in organizational/interpersonal communication (HRDN)

COM 203	Interpersonal Communication	3
COM 300	Organizational Communication	3
COM 412	Training and Development	3
MGT 353	Human Resource Management	3
<i>Choice of one of the following two courses:</i>		3
COM 322	Interviewing	
COM 410	Discussion and Conference Leadership	
COM	Elective* (related to human resource field from psychology, sociology, business, or communications areas)	3

Minor Total 18

*With advisor's approval.

Journalism Minor (JRN)

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.

MMC 107	News writing I	3
MMC 205	Writing for Mass Communication	3
MMC 317	News writing II	3
MMC 444	Feature Writing	3
<i>Choice of six hours from the following courses*:</i>		6
MMC 104	Fundamentals in Mass Media Communication (3 hrs.)	
MMC 213	Workshop: Publications (1-3 hrs.)	
MMC 208	Broadcast News (3 hrs.)	
MMC 220	Principles of Advertising (3 hrs.)	
MMC 225	Principles of Public Relations (3 hrs.)	
MMC 363	Black and White Photography (3 hrs.)	
COM 451	Communications Internship (3 hrs.)	

Minor Total 18

*With approval of journalism advisor.

Mass Media Communication Minor (MMC)

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.

MMC 219	Introduction to Interactive Media	3
<i>Choice of one of the following two courses:</i>		3
MMC 228	Introduction to TV Production	
MMC 231	Principles of TV Production	
<i>Choice of one of the following two courses:</i>		3
MMC 127	Introduction to Audio Production	
MMC 128	Principles of TV Production	
<i>Choice of three of the following courses:</i>		9
MMC 304*	Intermediate Interactive Media	

MMC 313	Lighting for TV/Film	
MMC 412*	Desktop Video/Multimedia Production	
MMC 432	Field Production/Editing	
MMC 437	Film Production Techniques	
MMC 457	Advanced Field Production/Editing	
COM 451	Internship	

Minor Total 18

*These classes are available only through the Summer Institute.

Organizational/Interpersonal Communication Minor (CAI)

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 (PRA)

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.

MMC 107	News writing I	3
MMC 225	Principles of Public Relations	3
MMC 220	Principles of Advertising	3
MMC 221	Advertising and Marketing in Telecommunication	3
MMC 416	Advertising Layout and Design	3
MKT 333	Consumer Behavior	3

Minor Total 18

Theatre Minor (THM)

This minor is designed to provide theatre experience for students majoring in music.

COM 105	Drama/Television/Film Performance Seminar	3
COM 205	Fundamentals of Acting	3
COM 215	Introduction to Theatre	3
COM 306	Advanced Acting	3
COM 336	Directing	3
COM 405	Theatrical Design	3

Minor Total 18

Awards

Outstanding Senior Awards: The Communication Arts Department annually bestows the following awards to the outstanding graduating senior in each of the following majors: speech/drama/debate education;

drama; drama/television/film performance; organizational/interpersonal communication; and mass media communication.

Outstanding Senior Paper: This recognizes the department's best senior paper.

Course Offerings

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.

Communication Arts

COM 101	Oral Communication
COM 102	Voice, Diction, and Phonetics
COM 202	Oral Interpretation of Literature
COM 426	Communication Seminar
COM 450	Teaching Communication Arts
COM 451	Communications Internship
COM 453	Directed Study and Research
COM 498	Senior Paper Preparation
COM 499	Research and Senior Paper/Project
COM 999	Elective

Drama

COM 105	Drama/Television/Film Performance Seminar
COM 107	Film Acting Technique
COM 150	Drama in the Church
COM 204	Playwriting for the Church
COM 205	Fundamentals of Acting
COM 215	Introduction to Theatre
COM 216	Introduction to Technical Production
COM 232	Acting Styles
COM 233	Theatrical Lighting Design and Technology
COM 301	Acting for Musical Theatre
COM 304	Theatre History I
COM 305	Theatre History II
COM 306	Advanced Acting
COM 336	Directing
COM 403	Costume Design
COM 404	Theatrical Scene Design
COM 405	Theatrical Design

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 426	Communication Seminar
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 Related Dance Forms
DANP 103	Ballet I
DANP 104	Modern Dance I
DANP 105	Related Dance Forms I
DANP 106	Dance Seminar
DANP 107	Improvisation I
DANP 108	Improvisation II
DANP 109	Dance Company
DANP 125	History of Dance I

DANP 203	Ballet II
DANP 204	Modern Dance II
DANP 205	Related Dance Forms II
DANP 207	Fundamentals of Choreography
DANP 230	Dance for Worship
DANP 303	Ballet III
DANP 304	Modern Dance III
DANP 305	Related 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
Mass Media Communication	
MMC 104	Fundamentals in Mass Media Communication
MMC 107	News Writing I
MMC 127	Introduction to Audio Production
MMC 128	Principles of Audio Production
MMC 205	Writing for Mass Communication
MMC 206	Mass Communication Workshop
MMC 208	Broadcast News
MMC 213	Workshop: Publications
MMC 214	Workshop: Newspaper
MMC 215	Workshop: Newsgathering
MMC 216	Workshop: Television Production
MMC 217	Workshop: Public Relations
MMC 218	Workshop: KORU
MMC 219	Introduction to Interactive Media
MMC 220	Principles of Advertising
MMC 221	Advertisement and Marketing in Telecommunication
MMC 222	Introduction to 3D and Animation
MMC 225	Principles of Public Relations
MMC 228	Introduction to Television Production
MMC 231	Principles of TV Production
MMC 280	Future Media
MMC 304	Intermediate Interactive Media
MMC 305	Editing for Print
MMC 312	Advanced Audio Production
MMC 313	Lighting for TV/Film
MMC 314	Media Operations
MMC 317	News Writing II
MMC 318	Fundamentals of Scriptwriting
MMC 321	Mass Media Law
MMC 322	Advanced 3D and Animation
MMC 329	Advanced Television Production
MMC 332	Journalism Seminar
MMC 345	Announcing
MMC 350	Radio Drama
MMC 363	Black and White Photography
MMC 412	Advanced Interactive Media
MMC 416	Advertising Layout and Design
MMC 417	Media Analysis
MMC 421	Integrated Marketing Communication
MMC 427	Public Relations Management
MMC 428	Public Relations Case Studies
MMC 432	Field Production/Editing
MMC 437	Film Production Techniques
MMC 444	Feature Writing
MMC 447	Producing and Directing
MMC 457	Advanced Field Production and Editing
MMC 489	Mass Communication Strategies and Design
MMC 499	Senior Research Project
MMC 999	Elective

ENGLISH DEPARTMENT

William R. Epperson, Ph.D., *Chair*

MISSION STATEMENT: The English Department supports the Oral Roberts University mission by preparing students to be effective thinkers and communicators. Content of the department's literature courses focuses on the literary, artistic, and cultural heritage for contemporary Christian students. The purpose of this study is to provide students with knowledge and taste so that they may recognize and honor what has been held to be true, beautiful, and good throughout the history of human culture. The department seeks to train students to pursue these qualities in their own writing and reading as they evaluate the literature and arts of their culture. The department's instruction includes reading skills of analysis, synthesis, and evaluation; critical thinking skills; composition skills demanding graceful and mature use of standard American English; and ethical incorporation of source material. The department expects character skills from its students, as revealed in promptness, integrity, and a willingness to receive correction and to learn.

Skill in language is a prerequisite in almost any occupation or profession, and familiarity with literature is an essential part of a liberal arts education. The student graduating as an English major has the foundation for teaching, journalism, public relations, and advertising, as well as the background for responsible positions in government service and graduate work in law, library science, medicine, and religion.

The English Department offers two majors (English literature, and writing) and three minors (English, writing, and pre-professional English). The writing major may emphasize either literary or technical forms, preparing students for careers demanding a wide variety of writing and editing tasks. The literary writing courses focus on literary genres, such as the short story, poetry, and scriptwriting. The technical courses are designed for students seeking careers in the publishing industry or business world. Both English and writing majors have optional concentrations designed to help students enter a variety of professions. These concentrations consist of courses from other disciplines.

The English Department offers honors sections of English 101 and 305 (the general education composition requirements) and several upper division English and writing courses. The department also provides upper-division options for honors English 101 students to substitute for the second semester of general education English.

The English minor (18 hours) is suggested for students majoring in other fields, and the writing minor (18 hours) is for students desiring to improve their writing skills or to pursue vocations that involve writing skills.

Teaching Licensure

The English department advises those preparing to teach English at the secondary level (grades 6-12) to (1) major in English literature and complete the requirements for alternative certification set by the state they wish to work in or (2) major in English literature and then enroll in an education program at the graduate level, which would lead to standard certification at the middle and high school levels. 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 may check with the English Department's English education advisor or 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.

The department offers courses and internships especially designed to equip students for the teaching profession. Appropriate minor fields, such as education, history, and modern languages, are also recommended to these students.

ENGLISH LITERATURE MAJOR (ENG)

Bachelor of Arts

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, ENG 201)	12
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
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	61

<i>Major</i>		
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 490	Senior Research	1
ENG 499	Senior Paper/Composition	2
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.

■ Art (ART)

An art concentration complements an English literature major by connecting the 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 (BIBL)

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 (CHIS)

<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 (CMIN)

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 (CDEV)

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 (COM)

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.)	
COM 205 Fundamentals of Acting (3 hrs.)	
COM 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.)	
MMC 107 Newswriting I (3 hrs.)	
MMC 205 Writing for Mass Communication* (3 hrs.)	
MMC 213 Workshop: Publications* (3 hrs.)	
MMC 214 Workshop: Newspaper (3 hrs.)	
MMC 317 Newswriting II (3 hrs.)	
MMC 318 Fundamentals of Scriptwriting (3 hrs.)	
MMC 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 (ESL)

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 (MSS)

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	
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Concentration Total 12

■ Prelaw (PLAW)

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 major elective and cognate electives.

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, ENG 201)	12
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
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 61

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 I*	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 three hours from the following courses:</i>		3
ENG 490	Senior Research (1 hr.)	
ENG 499	Senior Paper/Composition (2 hrs.)	
WRT 499	Senior Paper/Project** (3 hrs.)	
Major Total		33

*Requires the corresponding writing workshop as a corequisite.

**Department approval is needed.

Cognate

MMC 107	Newswriting I	3
<i>Choice of six hours from the following courses:</i>		6
MMC 213	Workshop: Publications (1-3 hrs.)	
MMC 219	Introduction to Interactive Media (3 hrs.)	
MMC 305	Editing for Print (3 hrs.)	
MMC 318	Fundamentals of Scriptwriting (3 hrs.)	
MMC 332	Journalism (3 hrs.)	
MMC 363	Black and White Photography (3 hrs.)	
MGT 341	Business Communication (3 hrs.)	
Cognate Total		9
Minor		18
Electives**		7
Degree Total		128

**Students majoring in writing may add a concentration (12 hours total) to their course of study. Writing majors may use their seven hours of electives plus 5 additional hours for the concentration, resulting in the degree total of 133 hours with a concentration instead of 128 without a concentration.

Concentrations

A concentration may be earned in one of the following areas by completing a minimum of 12 hours in that concentration.

■ Art (ART)

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.

<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 (BIBL)

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 (CHIS)

<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 (CMIN)

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 (CDEV)

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

■ Business (WBUS)

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 (ESL)

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.

<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

■ Journalism (JOUR)

MMC 205	Writing for Mass Communication	3
<i>Choice of three of the following courses:</i>		9
MMC 220	Principles of Advertising (3 hrs.)	
MMC 221	Advertising and Marketing in Telecommunication	
MMC 225	Principles of Public Relations	
MMC 317	Newswriting II	
MMC 416	Advertising Layout	
MMC 444	Feature Writing	
COM 222	Interviewing	
Concentration Total		12

■ Marketing (WMKT)

Writing majors often work for the business world in areas related to marketing; therefore, a marketing concentration can help prepare students for the 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	
MMC 221	Advertising and Marketing in Telecommunication	
MMC 225	Principles of Public Relations	
MMC 363	Black and White Photography	
MMC 416	Advertising Layout and Design	
Concentration Total		12

■ Missions (MSS)

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 (PLAW)

The writing 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

■ Science (WSC)

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 experience.

*Choice of three of the following course pairs:**

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
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
PSC 101	Principles of Physical Science Lecture
PSC 101	Principles of Physical Science Laboratory
GEO 201	Principles of Earth Science Lecture
GEO 201	Principles of Earth Science Laboratory
GEO 350	Environmental Geography Lecture
GEO 350	Environmental Geography Laboratory
EVR 250	Environmental Science Lecture
EVR 250	Environmental Science Laboratory

Concentration Total 12

*Courses for this concentration need to be in addition to the general education science requirements

■ Technology (TECH)

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

MMC 219	Introduction to Interactive Media
MMC 304	Intermediate Interactive Media
MMC 412	Advanced Interactive Media
CSC 111	Introduction to Computing
CSC 112	Microcomputer Applications in Business
ART 440	Computer Graphics (DTP)

Concentration Total 12

English Literature Minor (ENG)

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 (excluding ENG 101, 112, 305)	3

Minor Total 18

Writing Minor (WRT)

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

Choice of nine hours from the following courses: 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 (PENG)

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.

Awards and Scholarships

In recognition of scholarship, leadership, and ORU lifestyle commitment, the English Department offers the following awards and scholarships:

Outstanding Senior Awards: The English Department annually honors a graduating senior in the following majors: English literature and writing.

Outstanding Senior Paper: This recognizes the department's best senior research paper.

English Department Alumni Scholarship: This annual \$300 scholarship, awarded to a senior majoring in one of the English Department's majors (English literature or writing), is based on academic achievement, service to others, and financial need. The scholarship is funded by contributions from alumni.

Course Offerings

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.

English

ENG 100	College Reading and Writing
ENG 101	Reading and Writing in the Liberal Arts
ENG 112	Reading and Writing Lab
ENG 201	Introduction to Literature
ENG 305	Critical Reading and Writing
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 490	Senior Paper Research
ENG 499	Senior Paper/Composition
ENG 999	Elective

Reading

READ 099	Preparation for College Reading
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Writing

WRT 201	Introduction to Writing
WRT 212	Writing Workshop: Revision
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 450	Directed Study
WRT 499	Senior Paper/Project
WRT 999	Elective

Proficiencies

PRF 320	Major/Minor Writing Proficiency
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HISTORY, HUMANITIES, AND GOVERNMENT DEPARTMENT

Jayson Larremore, *Interim 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.

Civilization is founded on history, for a civilized human being is one who holds values that are irrelevant without perspective. Oral Roberts University is charismatic, and its history program is based on both human and spiritual truth. 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.

Departmental offerings focus on the Western hemisphere, Europe, Africa, the Middle East, and the Orient, with specialties and/or introductory studies. History is an excellent major for students who plan to implement the founding purpose of Oral Roberts University—to go into every person's world, as well as practice professions such as law, government, business, journalism, teaching, or any field requiring knowledge of national and world events along with an ability to evaluate them.

The general education humanities classes are available as European travel classes during the summer each year. Students should see the department chair for more information.

Prelaw

ORU does not have a prelaw major, but students interested in law students 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 this field.

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.

The **Leadership Conference** is in Washington, D.C. each January.

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.

HISTORY MAJOR (HIS)

Bachelor of Arts

The ORU history major may select from a variety of areas that provide EITHER a traditional concentrated degree OR 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. Our charismatic faculty provides professional training with this added dimension.

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. Dedicated, called scholars can gain a deeper historical-cultural focus from study of departmental minor and area concentrations. Thus equipped, their service will be more effective and personally fulfilling.

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	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
Humanities (HUM 111, 112, 213, 214)	12
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
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	61

Major		
HIS 201	Historiography:	3
	Introduction to History	
HIS	Area Studies*	24
HIS 499	Senior Paper/Project	3
Major Total		<hr/> 30

*Students may choose to study one specific geographic area (such as U.S., Europe, or Latin America) and take a minimum of 18 hours in this area. If this approach is chosen, six hours must then be taken in at least one other area. Students may also choose to take a general approach and have a minimum of 24 hours divided into four areas.

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	19
Degree Total	128

GOVERNMENT MAJOR (GOV)

Bachelor of Arts

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.

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3

Humanities (HUM 111, 112, 213, 214)	12
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
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	61

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

<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.)	
GOV* Government electives or concentration	12

Major Total	30
Minor Total	18
Electives	19

Degree Total	128
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*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 (AMER)

<i>Choice of twelve hours from the following:</i>	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
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■ International Relations Concentration (INTL)

<i>Choice of twelve hours from the following:</i>	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
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■ Prelaw Studies Concentration (PLAW)

<i>Choice of four of the following courses:</i>	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
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Degree Total	128
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INTERNATIONAL RELATIONS MAJOR (INR)

Bachelor of Arts

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.

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
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	61
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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 479 Readings in Government	
GOV 488 Model United Nations Internship	

Major Total	30
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Cognate

THE 303 Major Religions of the World	3
SOC 308 Cultural Anthropology	3
ESL 413 Cross Cultural Communications	3

Cognate Total	9
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Foreign Language Minor* Total	19
Electives	9

Degree Total	128
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*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 Modern Foreign Languages Department has more information.

INTERNATIONAL COMMUNITY DEVELOPMENT MAJOR (ICD)

Bachelor of Arts

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.

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, six electives)	5

General Education Total	61
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Major

BUS 202 Principles of Economics II	3
IS 301 Christian Worldview	3
IS 350 Internship in International Studies	3
IS 361 Foundations of I/CD	3

IS 462	Needs Assessment	3	Humanities (HUM 111, 112, 213, 214)	12
IS 499	Senior Seminar and Paper	3	Biblical Literature (BLIT 110, 120)	6
<i>Choice of one of the two following courses:</i>		3	Theology (THE 103)	3
GOV 205	Political Science Research Methods		Laboratory Science (1 biological and 1 physical)	8
GOV 461	Public Policy Analysis		Mathematics (MAT 151)	3
<i>Choice of nine hours from the following courses:</i>		9	Social Sciences (SOC 323)	3
IS 370	Problems in ICD (3 hrs.)		Health, Physical Education, and Recreation	4.5
IS 391	Seminar in ICD (3 hrs.)		(Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, four electives)	
MISS 325	Introduction to Christian Missions (3 hrs.)			
ESL 413	Cross-Cultural Communication			
MGT 465	Administration of Nonprofit Organizations (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 391	International Political Economy (3 hrs.)			
GOV 479	Readings in Government (1-3 hrs.)			
GOV 488	Model United Nations Internship (1-3 hrs.)			
Major Total		30	General Education Total	54.5
Minor		18		
Electives		19		
Degree Total		128		

SOCIAL STUDIES EDUCATION MAJOR (SOSE) with Secondary School Teaching Licensure *Bachelor of Arts*

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 any other major in the History/Humanities/Government 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.

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.

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.

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3

Major		
HIS 101	American History	3
HIS 201	Historiography	3
HIS 310	Oklahoma History	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 341	Colonial America: The English Colonies, 1607-1763	
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	
HIS 347	U.S. Social and Intellectual History	
<i>Choice of two courses from the following:</i>		6
HIS 331	Middle Ages and the Renaissance, 1476-1530	
HIS 332	Age of the Reformation, 1450-1648	
HIS 333	Early Modern Europe, 1648-1815	
HIS 334	Europe, 1815-1914	
HIS 335	Europe, 1914-Present	
<i>Choice of one course from the following:</i>		3
HIS 337	Russia and the Soviet Union	
HIS 361	Colonial Latin America	
HIS 381	Modern China and Japan	
HIS 473	The Rise of Modern Israel	
Major Total		48

<i>Professional Education</i>		
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	Intern/Student Teaching: 7-9	5
PED 495	Intern/Student Teaching: 10-12	5
HIS 477	Secondary Methods: Social Studies	3
Professional Education Total		26

Degree Total 128.5

LIBERAL ARTS MAJOR (LAD)

Bachelor of Arts

This major is for students wanting a broad base of knowledge. One bachelors degree is offered in this area: liberal arts. This degree draws from various academic departments and schools in the university; therefore, it is important that students interested in this major work closely with the advisor of the degree, who is in the History/Humanities/Government Department.

The bachelor of arts degree with a major in liberal arts is designed to meet the educational goals of three types of students: (1) those for whom the bachelor's degree is the terminal degree and who therefore want their education, in the words of Milton, to help fit them for all of life's duties "both public and private"; (2) Those for whom the bachelor's degree is preparatory to certain graduate or professional programs; and (3) Those for whom the university does not offer a major appropriate to their career goals. Students interested in choosing this major should declare it by the sophomore year.

At least 45 credit hours in upper-division courses (300-400 level) need to be completed in two or more areas of interest. With approval of the school dean, a student selects at least two areas of interest. Each area of interest consists of a minimum of 18 hours in a single subject area, including GEN 499 Senior Paper/Project in the first area of interest.

Students desiring to major in liberal arts are required to take six hours in a foreign language and complete at least a 203-level foreign language course. Foreign language courses may not be used to replace required courses in the general education core or areas of interest.

Once the 45 upper-division hours have been completed, additional elective hours should be used to complete the hour requirements of the degree.

Further information concerning degree requirements and procedures for declaring the liberal arts major may be obtained from the History, Humanities, and Government Department.

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
Behavioral Science 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	61

Major	
Area of interest #1	15-42
GEN 499* Senior Paper/Project (in area #1)	3
Area of interest #2	18-45
Area of interest #3 Optional (minimum of 18 hours if opted)	0-27
Major Total	63

Electives	4
Degree Total	128

*May be substituted by senior paper in area of interest.

Government Minor (GOV)

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	3
GOV 381	American Foreign Policy	
GOV	Electives	6
(Maximum of 6 hours chosen from internships, special government courses, or from any one of the three areas of concentration)		
Minor Total		18

History Minor (HIS)

The minor in history is 18 hours of upper-division history courses.

International Relations Minor (INR)

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 (HUM)

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.

Prerequisites

HUM 111	Introduction to Humanities I (3 hrs.)
HUM 112	Introduction to Humanities II (3 hrs.)

Minor

HUM 213	Modern Humanities I	3
HUM 214	Modern Humanities II	3
<i>Choice of four courses from the following:</i>		12
HUM 300	Cultural Periods	
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.

Awards

In recognition of scholarship, leadership, and ORU lifestyle commitment, the History/Humanities/Government Department offers the following awards and scholarships

Outstanding Senior Awards: 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 graduating senior minoring in humanities and the Outstanding Overall Student.

Outstanding History/Humanities/Government Senior Paper: This recognizes the department's best senior research project in history and in government.

Course Offerings

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 331	Middle Ages and the Renaissance A.D. 476-1530
HIS 332	Age of the Reformation, 1450-1648
HIS 333	Early Modern Europe, 1648-1815
HIS 334	Europe, 1815-1914
HIS 335	Europe, 1914-Present
HIS 336	Central and Eastern Europe, 1866-Present
HIS 337	Russia and the Soviet Union
HIS 341	Colonial America: The English Colonies, 1607-1763
HIS 342	The American Revolution and the Early National U.S., 1763-1830
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 346	United States Economic History
HIS 347	United States Social and Intellectual History
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 Southeast Asia
HIS 451	Department Seminar: America
HIS 452	Department Seminar: Europe
HIS 453	Department Seminar: Middle East
HIS 454	Department Seminar: Latin America
HIS 455	Department Seminar: Asia
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 499	Senior Paper/Project
HIS 999	Elective

Humanities

HUM 111	Introduction to Humanities I
HUM 112	Introduction to Humanities II
HUM 213	Modern Humanities I
HUM 214	Modern Humanities II
HUM 300	Cultural Periods
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 370	Problems in International/Community Development
IS 391	Seminar in International/Community Development
IS 499	Senior Seminar and Paper
IS 999	Elective

MODERN FOREIGN LANGUAGES DEPARTMENT

Rob Skinner, Ed.D., *Chair*

MISSION STATEMENT: It is the purpose of the Modern Languages Department to provide an academically sound program of instruction that allows students to develop proficiency in basic skills in the language of their choice, as well as broadening their knowledge of the literature written in that language and the culture of those who speak it. The instructional objective at the end of two semesters includes basic skills in reading, writing, understanding, and speaking the language with proper grammatical structure, as well as obtaining knowledge about history, culture, and religions of the respective language groups. The department directs its efforts toward the development of intellectually alert and socially adept graduates who are spiritually alive to the needs and concerns of the people(s) whose language they are studying. At each stage of their foreign language study, students are encouraged to develop ways to apply their commitment to Jesus Christ to the situations of the people(s) of the target language studied.

The Modern Foreign Languages Department offers majors in French and Spanish as well as Modern Foreign Language Education (K-12). Minors are available in French, German, Spanish, and Hebrew. All entering students with some language skills need to have their proficiency determined by exam or consultation with the department. All students majoring in French or Spanish are required to declare a minor. Students majoring in modern foreign language education are required to complete a cognate of 6-10 hours (two courses) in a language other than English, Spanish, or French.

The major in Spanish differs in that the student is required to take SPA 314 (Survey of Latin American Literature). The other survey course can be chosen from either SPA 303 or SPA 304. All French majors must take both 303 and 304. Courses 100, 101, and 102 do not apply toward a major, and 100 and 101 does not apply to a minor. SPA 315 applies to the minor and teacher licensure.

It is recommended that all foreign language majors participate in a study-abroad program during their junior year. Majors 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 the Modern Foreign Languages Department are eligible for consideration for financial aid for the study-abroad program.

Summer travel study courses abroad offered by the Modern Foreign Languages Department afford 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.

General Education Information

All students pursuing the bachelor of arts degree (regardless of major) are required to enroll in and successfully complete two semesters (six hours minimum) of the same modern foreign language, including at least the 203 level or above. Students with high school credit in foreign language may take courses in either the same language or in a different language to fulfill the general education language requirement for the bachelor of arts 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 bachelor of arts degree, students may use any hours beyond the six general education hours to apply to their electives.

Students studying to receive a major or minor in any of the modern languages offered up through the 203 level will have automatically completed their bachelor of arts language requirement through their language proficiency in 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. More information is available from the Modern Foreign Languages Department. A minimum grade of "C" must be achieved before the next level is taken.

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
German:	102-85, 203-85, or 204-85
Spanish:	102-85, 203-85, or 204-85

FRENCH MAJOR (FRE)

Bachelor of Arts

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
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

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
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SPANISH MAJOR (SPA)

Bachelor of Arts

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
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

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
<i>Choice of one of the following two courses:</i>		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
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MODERN FOREIGN LANGUAGE EDUCATION MAJOR (MFLE) with K-12 Teaching Licensure

Bachelor of Arts

Students seeking licensure to teach at the K-12 levels have two options: (1) completion of the modern language education major, which leads to standard certification or (2) completion of any other major in the Modern

Foreign Languages 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 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
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
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, Basic First Aid/CPR, swimming course or proficiency, four electives)	4.5
General Education Total	54.5

Major

FRE, GER, SPA 203 Intermediate I	3
FRE, GER, SPA 204 Intermediate II	3
FRE, GER, SPA 301 Phonetics and Conversation	3
FRE, GER, SPA 302 Composition	3
FRE, GER, SPA 498 Senior Paper Bibliography	1
FRE, GER, SPA 499 Senior Paper	2
FRE, GER, SPA Electives (upper division)	9
<i>Students take three* of the following courses:</i>	9
FRE, GER, SPA 303 Survey of Literature I	
FRE, GER, SPA 304 Survey of Literature II	
FRE, GER, SPA 315 Civilization and Culture	
SPA 314 Survey of Latin American Literature	
FRE, GER, SPA 450 Internship	
Major Total	33

*French and German 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 the 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 Intern/Student Teaching: Elementary	5
PED 495 Intern/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 (FRE)

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.

German Minor (GER)

A German 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 (HEB)

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 (SPA)

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.

Business Language Minor (BUSL)

The business language minor (French, German, Spanish, or Hebrew) is designed to provide 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 who anticipates the need for the knowledge of 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.

FRE, GER, SPA, HEB 102 Elementary II	5
FRE, GER, SPA, HEB 203 Intermediate I	3
FRE, GER, SPA, HEB 204 Intermediate II	3
FRE, GER, HEB 305, SPA 315 Civilization	3

and Culture

FRE, GER, SPA, HEB 306 Business Language	4
FRE, GER, SPA, HEB Electives (upper division)	3
Minor Total	21

Note: Students with previous language experience may participate in the test-out program for majors and minors, thereby accelerating the completion of their minor.

Awards

In recognition of scholarship, leadership, and ORU lifestyle commitment, the Modern Foreign Languages Department annually honors outstanding students by the presentation of the following awards:

Outstanding Modern Foreign Languages Senior Awards: One award is given to the outstanding senior in each of the following languages: French and Spanish.

Outstanding Modern Foreign Languages Senior Paper: This recognizes the department's best senior research project.

Course Offerings

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.

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

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

Proficiencies

- PRF 001 Foreign Language Proficiency
 PRF 050 French Proficiency
 PRF 052 Hebrew Proficiency
 PRF 054 German Proficiency

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.

The Music Department offers three degree programs: the bachelor of arts (music arts major), the bachelor of music (music composition, music performance, and sacred music majors), and the bachelor of music education (music education major). Technology-related concentrations are available in both the music arts major and the music composition major. These programs include 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.

Prospective students must meet the general admission requirements 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 as a music major by the Music Department.

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, a project, or a paper. Performance majors present a full recital in the senior year, after successfully presenting a half recital in the junior year. Sacred music majors may present a full recital, a senior project, a senior paper, the results of a church music practicum, or a partial recital combined with a paper or project. This culminating activity is to be done during the senior year, and the choice of activities is at the discretion of the student's advisor. If a senior recital is the chosen option, a successful half recital must precede it in the junior year. Bachelor of music composition majors make several presentations of original compositions in the junior year and a full recital of original compositions in the senior year. 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—band, choir, or orchestra—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.

All music majors must enroll and successfully complete 2 credit hours of MUS 099 Music Seminar for seven semesters; minors must pass for four semesters. As part of the requirement, music majors and minors must attend a designated number of recitals and concerts. Transfer music majors must pass 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.

Each semester, an inclusive \$250 fee is charged all music majors. Any applied lessons by majors that are not required in the degree plan will be 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.

All students majoring in music, including transfer students, must pass the ORU piano and music vocabulary proficiencies. 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.

Students who desire to jointly enroll in the bachelor of music education program and either the bachelor of arts or the bachelor of music program should consult with the department chair prior to the completion of their sophomore year.

MUSIC ARTS MAJOR (MUA)

Bachelor of Arts

Students majoring in music arts choose a concentration in either arts or technology. Students choosing 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.

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203; French or German recommended)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, five or six electives*)	4.5-5
General Education Total	60.5-61

*Students spending a semester at The Recording Workshop in Ohio do not take an HPE elective during that semester.

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 333	Conducting I	2
MUS	Concentration (arts or technology)	30
PRF 100	Piano Proficiency	
PRF 101	Music Vocabulary Proficiency	
Major Total		43

Note: Students with this major choose one of the following concentrations.

■ Arts Concentration (MART)

MUS 026-047 Applied Music: Primary	8
MUS 061-065, 067 Performance Groups	8
MUS 205 History and Literature of Music I	4
MUS 206 History and Literature of Music II	4
<i>Choice of elective from sacred music or composition technology courses or from the following list: MUS 201, 301, 302, 443, 444</i>	3
<i>Choice of one of the following two courses:</i>	3
MUS 421 Senior Recital	
MUS 499 Senior Paper/Project	

Arts Concentration Total 30

■ Technology Concentration (MTEC)

MUS 026-047 Applied Music: Primary	7
MUS 061-065, 067 Performance Groups	6
MUS 300 Music Appreciation	3
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
<i>Choice of two or three hours from the following:**</i>	2
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.)	
<i>Choice of one of the following:</i>	3
MUS 421 Senior Recital (3 hrs.)	
COM 451 Communications Internship (3 hrs.)	

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.

Note: MTEC students must pass MUS 101 and 103 before progressing into music technology classes beyond MUS 105.

MUSIC COMPOSITION MAJOR (MUC)

Bachelor of Music

Music composition majors choose between a concentration in composition or technology.

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign Language (French or German)	3
Oral Communication (COM 101)	3
Humanities (HUM 111, 214)	6
History and Literature of Music (MUS 205, 206)	8
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science or Mathematics (MAT 151)	3-4
American History (HIS 101)	3
American Government (GOV 101)	3

Social Sciences (MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	52-53

Major

MUS 026-047 Applied Music: Primary	6
MUS 048 Applied Music: Composition	8
MUS 061-065, 067 Performance Groups	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 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 333 Conducting I	2
MUS 401 Principles of Counterpoint	2
PRF 100 Piano Proficiency	0
PRF 101 Music Vocabulary Proficiency	0
<i>Choice of applied courses from the following three:</i>	4
MUS 001-023 Applied Music: Secondary	
MUS 125-128 Class Piano I-IV	
MUS 131 Class Voice	
<i>Choice of three hours from the following courses:*</i>	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 (MUCM)

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 (MUCT)

MUS 335 Composition I	2
<i>Choice of one of the following courses:</i>	3
MUS 421 Senior Recital	
MUS 499 Senior Paper/Project	
<i>Choice of three of the following courses:</i>	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: MUCT students must pass MUS 101 and 103

before progressing into music technology classes beyond MUS 105.

MUSIC PERFORMANCE MAJOR (MUP)

Bachelor of Music

Students in the music performance major choose a concentration in instrumental, keyboard, or vocal music.

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign Language (French or German) (nonvocal primaries—3 hours; vocal primaries—6 hours)	3-6
Oral Communication (COM 101)	3
Humanities (HUM 111, 214)	6
History and Literature of Music (MUS 205, 206)	8
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science or Mathematics (MAT 151)	3-4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences (MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5

Non-Vocal General Education Total 52-53

Vocal General Education Total 55-56

Major

MUS 061-065, 067 Performance Groups	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 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 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
<i>One of the two following courses:</i>	2
MUS 443 Conducting II: Choral (for vocal and keyboard primaries)	
MUS 444 Conducting II: Instrumental (for instrumental primaries)	
PRF 100 Piano Proficiency	
PRF 101 Music Vocabulary Proficiency	

Non-Vocal Major Total 39

Vocal Major Total 37

■ Instrumental Concentration (MUP)

MUS 031-047 Applied Music: Primary	6
MUS 048 Primary Instrument: Composition	8
MUS 001 125-128, 131, 135, 136 Applied Music: Secondary	4

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>	<i>1</i>
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 Professional Education Seminar/Portfolio	0

MUEV or MUEI courses based on concentration: 2

MUS 241 Phonetics for Singers (MUEV)	
MUS 326 Instrumental Pedagogy and Repertoire (MUEI)	
MUS 329 Band Pageantry (MUEI)	
MUS 335 Vocal Pedagogy and Repertoire (MUEV)	
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 026-047 Applied Music (fee) (2 hrs.)	
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, 067-086 Performance Groups: Chamber Singers, University Chorale, Women's Chorus, Orchestra, Wind Ensemble, Jazz Ensemble, Opera Theatre, Small Ensembles (Jazz, String, Woodwind, Brass, Percussion, Guitar)	

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 (MUT)

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, 067-086 Performance Groups (0-1 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 (3hrs.)	
MUS 455 Church Music Literature (1 hr.)	

Minor Total 18

Worship Leadership Minor (MUWL)

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, personal interview, and either a passing grade on the Fundamentals of Music Exam or credit for MUS 100.

MUS 320 Songwriting and Arranging	2
MUS 451 Church Music Administration	3
MUS 452 Music and Worship in the Charismatic/Evangelical Church	3
CHRM 360 Biblical Foundations of Worship/Prophetic Leadership	3

Choice of applied courses: 2

MUS 001-023 Applied Music (piano, voice, or guitar recommended) (1 hr.)	
MUS 061-065, 067-087 Performance Groups	2
MUS 066 Oratorio (2 semesters)	0-1
MUS 089 Contemporary Music Ministry Ensemble	2
MUS 124-128 Class Piano	
MUS 131 Class Voice	
MUS 135-136 Class Guitar	

Choice of one of the following two courses: 2

MUS 207 Guitar Skills and Improvisation	
MUS 210 Keyboard Skills and Improvisation	

Minor Total 18

Fine Arts Technology Minor (FTEC)

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 218 Graphic Design I	3
ART 440 Computer Graphics (DTP)	3
<i>Choice of one of the following courses:</i>	<i>3</i>
ART 101 Fundamentals of Art I (3 hrs.)	
ART 213 Drawing (3 hrs.)	

Art Total 9

Communication Arts*Choice of three of the following courses:*

MMC 128	Principles of Audio Production (3 hrs.)	9
MMC 228	Introduction to TV Production (3 hrs.)	
MMC 219	Introduction to Interactive Media (3 hrs.)	
MMC 304	Intermediate Interactive Media (3 hrs.)	
MMC 318	Fundamentals of Scriptwriting (3 hrs.)	
MMC 412	Advanced Interactive Media (3 hrs.)	
MMC 417	Media Analysis (3 hrs.)	

Communication Arts Total

9

Music

MUS 300	Music Appreciation	3
<i>Choice of two of the following courses:</i>		
MUS 061-065, 067-087	Performance Groups (0-1 hr.)	2
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>		
MUS 105	Introduction to Music Technology (1 hr.)	4
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.

Awards

In recognition of scholarship, leadership, and ORU lifestyle commitment, the Music Department annually honors graduating seniors with the presentation of outstanding music awards in the department's majors: music arts, music composition, music performance, sacred music, and music education.

Course Offerings

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 004	Voice
MUS 005	Guitar
MUS 006	Harp**
MUS 007	Violin
MUS 008	Viola
MUS 009	Violoncello
MUS 011	Bass
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

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 (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 051	Arranging

Performance Groups

MUS 061	Chamber Singers
MUS 063	University Chorale
MUS 064	Women's Chorus
MUS 065	Orchestra
MUS 066	Oratorio
MUS 067	Wind Ensemble
MUS 072	TV Singers
MUS 073	Opera Theatre
MUS 075	Jazz Ensemble
MUS 077	Basketball Band
MUS 080	Guitar Ensemble
MUS 083	Brass Ensemble
MUS 085	Vocal Jazz Ensemble*
MUS 086	Jazz Combo
MUS 089	Contemporary Music Ministry Ensemble

Music

MUS 098	Seminar for Worship Majors
MUS 099	Music Semi
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 280	Future Media
MUS 300	Music Appreciation
MUS 301	Form and Analysis
MUS 302	Orchestration
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 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--Performance Groups
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

SCHOOL OF BUSINESS

Marshal Wright, Ph.D., J.D., Dean (Interim)
Steven Greene, D.B.A., Associate Dean

MISSION STATEMENT: The School 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 School 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.

The School of Business offers degrees at both the bachelors and masters levels and is accredited by The Association of Collegiate Business Schools and Programs (ACBSP).

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.

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 Business and Associate Dean
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.

Julie Huntley.....Professor of Marketing
B.S.B.A., University of Nebraska, 1981; M.B.A., Oral Roberts University, 1996; Ph.D., Arizona State University, 1999.

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.

Chin Choo Robinson.....Assistant Professor of International Business
B.S., United Kingdom Chartered Institute of Singapore, 1984; M.B.A., Oklahoma City University, 1993; Ed.D., Oral Roberts University, 2006.

James Russell.....Professor of Business and Chair of Undergraduate Business Department
B.S., Oklahoma State University, 1973; M.S., Oklahoma State University, 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 Interim Dean
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

UNDER-GRADUATE BUSINESS

James Russell, Ph.D., *Chair*

The undergraduate program of the School of Business offers seven undergraduate majors: accounting, business administration, finance, international business, management, management information systems, 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 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.

ACCOUNTING MAJOR (ACT)

Bachelor of Science

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.

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
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 (Health Fitness I and II, swimming course or proficiency, six electives) 5

General Education Total 55

Major	
ACT 215	Principles of Financial Accounting I 3
ACT 216	Principles of 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
<i>Choice of two of the following courses:</i> 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	

*Note: For CPA certification, electives may need to be additional accounting courses.

FINANCE MAJOR (FIN)

Bachelor of Science

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.

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
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 (Health Fitness I and II, swimming course or proficiency, six electives)	5

General Education 55

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
Choice of two of the following courses:		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 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 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

MANAGEMENT INFORMATION SYSTEMS MAJOR (MIS)

Bachelor of Science

The management information systems major provides a broad background in business combined with a concentration in the field of computer science. The student will be prepared to enter a business firm with a thorough knowledge of information management, of executive decision-making, and of the computer system skills necessary to process and present this information. The program includes training in Java pro-

gramming, studies in current methods of systems analysis and design, and a task force approach to business analysis and problem-solving.

General Education

Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, SOC 323, FIN 244, MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5

General Education Total 55

Major

ACT 432	Managerial Cost Accounting	3
ACT 435	Accounting Information Systems	3
BUS 499	Senior Paper	3
CSC 355	File Processing	3
CSC 381	Systems Analysis	3
CSC 382	Systems Design	3
CSC 441	Data Communication	3
CSC 455	Database Systems	3
FIN 338	Financial Management	3
MGT 341	Business Communications	3

Major Total 30

Business Cognate

ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of 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
MGT 130	Principles of Management	3
MGT 431	Strategic Management	3
MKT 130	Principles of Marketing	3

Business Cognate Total 27

Computer Science Cognate

CSC 111	Introduction to Computing	3
CSC 255	Data Structures	3
CSC 460	Object-Oriented Design	3
Choice of one of the following courses:		3
CSC 112	Microcomputer Applications in Business	
MIS 212	Advanced Business Microcomputer Applications	

Computer Cognate Total 12
Electives 4

Degree Total 128

BUSINESS ADMINISTRATION MAJOR (BUS)

Bachelor of Science

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.

A minor in another discipline is a requirement for the business administration major.

General Education

Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5

General Education Total 55

Major

ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of 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
Choice of one of the following two courses:		3-4
CSC 112	Microcomputer Applications in Business	
MAT 201	Calculus	

Cognate Total 12-13
Minor 18
Electives 12-13

Degree Total 128

INTERNATIONAL BUSINESS MAJOR (INB)

Bachelor of Science

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, German, 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.

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, MUS 208, SOC 323, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	55

Major

ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of 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
Choice of one of the following two courses:		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 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 the minor. The Modern Foreign Languages Department has more information.

MANAGEMENT MAJOR (MGT)

Bachelor of Science

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.

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
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 (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	55

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 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		30
Electives		13
Degree Total		128

MARKETING MAJOR (MKT)

Bachelor of Science

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.

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
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 (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	55

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	Sales Management	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 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

Fast Track Program M.B.A. or M.MGT.

Students whose vision includes the earning of the Master of Business Administration or the Master of 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 graduate School of Business 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.

General Business Minor (BUS)

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, management, marketing, and management information systems,	6
Minor Total		18

*All prerequisites must be met for these electives.

Nonprofit Business Minor (NPB)

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
<i>Choice of two from the following courses:</i>		6
ACT 216	Principles of 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

Awards

The undergraduate business program seeks to honor those students who have made a significant contribution in the areas of scholarship and leadership. The two 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.

Course Offerings (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 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 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 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

Management Information Systems

MIS 212	Advanced Business Microcomputer Applications
MIS 347	Network Management
MIS 451	Management Information Systems Internship

Marketing

MKT 130	Principles of Marketing
MKT 333	Consumer Behavior
MKT 334	Promotional Management
MKT 346	Sales Management
MKT 361	International Marketing
MKT 445	Marketing Research
MKT 447	Retail Management
MKT 451	Marketing Internship
MKT 455	Marketing Management
MKT 999	Elective

GRADUATE DEPARTMENT

Marshal Wright, Ph.D., *Chair*

The graduate program of the School of Business offers two degrees at the masters level: the Master of Business Administration (M.B.A.) and the Master of Management (M.MGT.). The 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. Each student is encouraged to develop a personal strategic plan and to develop a vision for his or her life.

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.

Admission Requirements

Admission to graduate business degree programs is selective. Applicants must demonstrate academic achievement at the baccalaureate level; successful 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 exam-

ination is not required. Applicants must also demonstrate good character, Christian commitment, motivation, and discipline.

Upon admission to the 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.

Chapel

To fulfill the chapel requirement, all full-time graduate students must attend chapel services at ORU. Students enrolled in summer classes may also have chapel attendance requirements.

Audit Policy

Graduate students may audit any graduate business course for which they have taken the prerequisites. The course instructor and 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.

Course Load

Students must enroll in at least nine hours per semester to be considered full time. Graduate students in the School of Business who receive a graduate fellowship or assistantship typically are full-time students.

Probation

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. Students whose grade point average 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.

BUSINESS ADMINISTRATION (MBA)

Master of Business Administration

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 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 spe-

cialization. Students may select a concentration in accounting, finance, international business, management, nonprofit management, entrepreneurship, or marketing. Any student pursuing one of these concentrations needs to consult with an advisor concerning the course requirements and selections.

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 their degree in two years.

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

*Credit hours from leveling courses do not apply toward the graduate degree.

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		3.5

**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		Credit Hours
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	Economic Theory	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.

■ Accounting (GACT)		
GACT	Elective	3
GACT	Elective	3
Accounting Concentration Total		6

■ Finance (GFIN)		
GFIN	Elective	3
GFIN	Elective	3
Finance Concentration Total		6

■ International Business (GINB)		
GINB	Elective	3
GINB	Elective	3
International Business Concentration Total		6

■ Management (MGMT)		
MGMT	Elective	3
MGMT	Elective	3
Management Concentration Total		6

■ Marketing (GMKT)		
GMKT	Elective	3
GMKT	Elective	3
Marketing Concentration Total		6

■ Nonprofit Management (GNPM)		
GFIN 573	Development of Nonprofit Organizations	2
GBUS 550	Legal Issues of Nonprofit Organizations	2
MGMT 521	Administration of Nonprofit Organizations	3
GMKT 535	Services Marketing	3
Nonprofit Management Concentration Total		10

■ Entrepreneurship (GENT)		
GFIN 555	Entrepreneurship	3
GMKT 534	Promotional Marketing	3
Choice of one of the following:*		3
MGMT 541	Creative Thinking	
MGMT 556	Small Business Basics	
Entrepreneurship Concentration Total		9

MANAGEMENT (MMGT)

Master of Management

The Master of Management degree provides a multidisciplinary course of study preparing students with leadership skills and advanced training in the management of an organization's most valuable asset—its human resources. Master of Management students share many courses with the Master of Business Administration students and also take courses designed to provide a concentration in a specialized field of study. Areas of concentration offered: are organizational dynamics, sales marketing, and nonprofit management.

Master of Management students come from various backgrounds of study (e.g., business, education, nursing, psychology, sociology, and theology) yet

desire common outcomes: enhanced human performance through better communication, goal setting, conflict resolution, team building, and leadership.

Leveling Courses

Master of Management students are required to have completed undergraduate leveling in the following areas: (1) accounting, (2) finance, (3) management, (4) marketing, and (5) business law. For specific information on completing the leveling requirements, students should contact the School of Business graduate representative.

<i>ORU Distinctive Courses</i>	<i>Credit Hours</i>
GTHE 507 Holy Spirit in the Now	2
GHPE 503 Graduate Health Fitness*	1
<i>Choice of one of the following:</i>	.5
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPE Elective	
ORU Distinctives Total	3.5

*Students who completed Health Fitness I and II as undergraduates need to substitute an activities course (.5 or 1 hour) for GHPE 503.

Core Courses

GMGT 561 Management in a Globalized Era	3
GMGT 600 Leadership Studies	3
GMKT 564 Marketing Management	3
GBUS 504 Communications in Contemporary Business	3
GBUS 565 Strategic Management	2
GBUS 572 Business Ethics	2
GBUS 574 Competitive Business Intelligence	2
GMGT 560 Conflict Resolution	2
Core Total	20

Students in this program need to choose one of the following concentrations:

■ Sales Marketing Concentration (GSMT)*

GMKT 533 Consumer Behavior	3
GMKT 535 Services Marketing	3
GMGT 541 Creative Thinking	3
GBUS 567 Technology and Business	3
Sales Marketing Concentration Total	12
Degree Total	34-36.5

■ Organizational Dynamics Concentration (GORG)*

GMKT 533 Consumer Behavior	3
GMGT 541 Creative Thinking	3
GMGT 563 Organizational Dynamics	3
GBUS 567 Technology and Business	3
Organizational Dynamics Concentration Total	12
Degree Total	34-36.5

■ Nonprofit Management Concentration (GNPM)*

GMGT 521 Administration of Nonprofit Organizations	3
GMKT 535 Services Marketing	3
GFIN 572 Development of Nonprofit Organizations	2
GACT 580 Nonprofit Accounting and Finance	3

GBUS 550 Legal Issues of Nonprofit	2
Nonprofit Concentration Total	13
Degree Total	34.5-36.5

*Students interested in these concentrations should check with the School of Business for confirmation of the start date. Delivery format may include some or all courses offered via distance.

Awards

The School 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 School of Business. Interested students should request more information through the School 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.

Course Offerings (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 Economic Theory
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 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
Nonprofit Management Concentration
GNPM 999 Elective
Entrepreneurship
GENT 999 Elective

SCHOOL OF EDUCATION

David B. Hand, Ed.D., Dean

Kim E. Boyd, Ed.D., Associate Dean; Director of Teacher Education

MISSION STATEMENT: The mission of the School 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 Associate Dean; Director of the Teacher Education Program

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, Undergraduate Department

B.A., Oral Roberts University, 1970; M.L.S., University of Michigan, 1971; Ed.D., Oklahoma State University, 1987.

Jerry Eshleman.....Instructor
B.A., Central Bible College, 1996; M.A., Oral Roberts University, 2001.

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.....Instructor
B.A., University of the West Indies, 1989; M.B.A., Nova Southeastern University, 1995.

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.

David B. Hand.....Professor and Dean
B.A., Oral Roberts University, 1973; M.A., 1985; Ed.D., Oklahoma State University 1996.

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.....Associate 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.....Assistant Professor
and Chair, Graduate Department
B.S., Drake University, 1983; M.A., Oral Roberts University, 1992; Ed.D., Nova Southeastern University, 1996.

Calvin Roso.....Assistant 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

Institutional Standards

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 School of Education prepares administrators; curriculum specialists; and teachers for public, private, and Christian schools.

The mission of the School of Education is to provide the 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 following are institutional standards of the School of Education, adopted by the School of Education Faculty Senate in support of the School 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 School of Education forms the basis for course content, stated student outcomes, instruction, and assessment. The School of Education offers a diverse teacher preparation program designed to equip teachers for assignments in elementary and secondary schools. The three segments



dent outcomes, instruction, and assessment. The School 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 School of Education conceptual model is rooted in the philosophical position that education is the shaping of the whole person: spirit, mind and body.

Undergraduate Department

Linda Dunham, Ed.D., *Chair*

Bachelors Programs

The School 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 School of Arts and Cultural Studies and the School of Science and Engineering and with the professional and pedagogical studies provided by School 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.

The School of Education also offers an elementary teacher certification program through a distance and module format. This program, which leads to Oklahoma certification, is the only one of its kind in the state. It is a duplication of our residency program, with full-time ORU education faculty teaching the courses. People interested in this program must be at least 22 years old.

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.

The Oklahoma Regents for Higher Education now 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."

Major. The School of Education emphasizes the fact that there is no substitute for thorough preparation in the subject matter. 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.

Each licensure area combines courses from general education, major, 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.

Areas of Licensure

The School of Education administers programs leading to standard licensure that are accredited by the Oklahoma Commission for Teacher Preparation based on the review and recommendation of the Oklahoma Commission for Teacher Preparation.

Academic departments within the School of Arts and Cultural Studies and the School of Science and Engineering administer programs leading to alternative certification in Oklahoma and other states. Students interested in alternative certification need to consult an advisor in the appropriate academic department.

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 Art Department.)

Early Childhood Major—B.S.

With elementary school teaching licensure. (Offered through the School of Education.)

Elementary Education Major—B.S.

With elementary school teaching licensure. (Offered through the School of Education.)

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 Computer Science and Mathematics Department.)

Modern Foreign Language Education Major—B.A.
(French, German, or Spanish).

With elementary and secondary school teaching licensure. (Offered through the cooperation of the Modern Foreign Language Department.)

Music Education Major—B.M.E. (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 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 School of Education.)

Speech/Drama/Debate Education Major—B.A.

With secondary school teaching licensure. (Offered through the cooperation of the Communication Arts Department.)

The Career Planning and Placement Center maintains an up-to-date file on certification standards in all states, but the major responsibility is assumed by the student wishing to certify in a state other than Oklahoma.

The School of Education provides advisement for all teacher certification programs. Each department participating in teacher licensure has a specific teacher education degree plan.

State regulation requires that all education courses taken to satisfy licensure requirements be taken at four-year institutions that have approved teacher education programs.

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. For those students majoring in education or seeking a standard teaching certificate, admission to the program is a prerequisite for approval to student teach. Education majors must be admitted before they have completed 75 hours toward their education degrees. Students seeking alternative certification take coursework as a graduate student in the Teaching with Certification master's degree program. 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 Senate. 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 School 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.

Admission to the Program

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 e-portfolio 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 (ENG 101)
Foundations/Methods of Education (PED 203)
Field-Base 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.

Complete one of the following Language Proficiency requirements:

- Pass the Language Proficiency Skills Test given periodically by the Modern Foreign Language Department. Currently, tests are available in Spanish, French, and German. The Modern Foreign 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 will not be permitted to enroll in 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 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 School of Education Faculty Senate. If rejected by the Senate, an appeal can be submitted to the Dean of the School 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 School of Education, School of Arts and Cultural Studies, or School 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," state on a separate sheet of paper the nature of the charge and in what court you were convicted.

ePortfolio

Teacher education in Oklahoma is competency-based with three integrated knowledge bases: general knowledge, subject matter, and pedagogy. 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 School 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.

At this time, 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 program. 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 School of Education Faculty Senate; therefore, portfolio requirements may be revised in the future.

The portfolio is an assessment instrument to deter-

mine if the teacher candidate is meeting requirements and competencies as set by Oral Roberts University, the School of Education, and the Oklahoma Commission for Teacher Preparation. Advisors, School 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 School 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.

Admission to 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 School 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 Seminar/Portfolio meetings, which are held in the evenings. The *Student Teacher Handbook* has more information.

PROFESSIONAL ELEMENTARY EDUCATION MAJOR (ELEM)

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.

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Sociology (SOC 323)	3
Biology (lecture and lab)	4
Physical Science (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
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives.)	4.5
<i>Choice of one of the following:</i>	0
PRF 001 Foreign Language Proficiency	
Modern Foreign Language 102 (5 hrs.)	
General Education Total	67.5

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 and 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 (ESL)

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
ESL Concentration Total	18

■Early Childhood Education Concentration (ECH)

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
ECH Concentration Total	18

■Special Education Concentration (SPED)

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
SPED 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 Intern/Student Teaching: Early Childhood**	4
PED 475 Intern/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 Intern/Student Teaching: 7-9 for either PED 465 or 475. Students pursuing the SPED concentration may substitute PED 485 Intern/Student Teaching: 7-9 or PED 495 Intern/Students Teaching: 10-12 for PED 465.

SPECIAL EDUCATION MILD-MODERATE DISABILITIES MAJOR (SPED)

with Dual Licensure

Bachelor of Science

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Sociology (SOC 323)	3

Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Biology (lecture and lab)	4
Physical Science (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
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)	4.5
PRF 001 Foreign Language Proficiency	

General Education Total 67.5

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
ESL/ELE Concentration	13-16
Major Total	30-33

■Elementary Education (ELEM)

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 and Clinical Experience	3
ELEM Concentration Total	13

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 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
ESL 303 TESL Principles	3
SED 353 Introduction to Special Education: Mild-Moderate Disabilities	3
PED 475 Student Teaching: Elementary	4
<i>Choice of one of the following intern courses:</i>	4
PED 465 Intern/Student Teaching: Early Childhood	
PED 485 Intern/Student Teaching: 7-9	
PED 495 Intern/Student Teaching: 10-12	

Professional Education Total 34

Degree Total 131.5-134.5

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
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Sociology (SOC 323)	3
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Biology (lecture and lab)	4
Physical Science (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
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, four electives)	4.5
PRF 001 Foreign Language Proficiency or Elementary Level	
General Education Total	67.5

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

Note: 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 (ESL)

ESL 343	TESL Methods and Materials	3
ESL 393	TESL Assessment	3
ESL 413	Cross-Cultural Communication	3
ESL Concentration Total		9

■ Special Education Concentration (SPED)

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
SED 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	Intern/Student Teaching: Early Childhood	4
ESL 303	TESL Principles	3
SED 353	Introduction to Special Education: Mild-Moderate Disabilities	3
PED 475	Student Teaching: Elementary**	4
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.

TEACHER CERTIFICATION DISTANCE PROGRAM FOR ELEMENTARY EDUCATION MAJOR (LELE) with Licensure

Bachelor of Science

This major is designed for distance education students and is not available for residential students. Teacher candidates who complete the specified courses satisfactorily earn a bachelor of science degree in elementary education. This is a degree completion program consisting of (1) 54 hours of general education prerequisite courses that must be completed prior to formal admission to the School of Education, (2) 13 hours of general education once they are admitted to the School of Education's Distance Learning Program, (3) 33 hours of professional education courses, 13 of which must be taken on campus, and (4) 28 hours of specialized education in elementary education.

General Education Prerequisites*

General Education Prerequisites*	Credit Hours
Introduction to LifeLong Education (GEN 098)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Laboratory Science (BIO 101 and PSC 101)	8

Environmental Science (EVR 250 lecture and lab)	4
Mathematics (MAT 151 and 232)	6
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences (SOC 323)	3

Prerequisites Total

54

*These courses are available for distance education through the School of LifeLong Education (SLLE). After students complete the general education prerequisites through SLLE or by transfer from another accredited institution, they complete the remainder of the major/degree through the School of Education.

General Education Credit Hours

Theology (THE 103)	3
Mathematics (MAT 221 and 222)	6
Health, Physical Education, and Recreation (001, 002, 101, 102)	4
Foreign Language Proficiency (PRF 001)	
First Aid and CPR Proficiency (PRF 007)	

General Education Total

13

Professional Education Credit Hours

PED 111*	Field-Based Experience--Elementary	1
PED 203*	Foundations and Philosophy of Education	3
PED 224	School Health and Safety	1
PED 313+	Human Growth and Development	3
SED 353	Introduction to Special Education: Mild-Moderate Disabilities	3
PED 361*+	Professional Education Portfolio/Seminar	1
PED 363*+	Educational Technology	3
PED 372+	Classroom Management and Educational Law	3
PED 382*+	Educational Assessment	3
PED 450+	Student Teaching: Away	10
ESL 303+	TESL Principles	3

Professional Education Total

34

*Offered only as residential courses in summer institute and modules.

+Cannot be taken before being admitted into the Professional Education Program.

Specialized Education Credit Hours

ELE 314	Reading and Language Arts	4
ELE 323	Children's Literature and the Library	3
ELE 342	Motor Learning, Games, and Activities Methods	2
ELE 343	Fine Arts Methods (Art, Music, Drama)	3
ELE 344	Elementary Reading Methods	4
ELE 364	Mathematics Methods	3
ELE 383	Science Methods	3
ELE 393	Social Studies Methods	3
ELE 403	Literacy Assessment with Clinical Experience	3

Specialized Education Total

28

Degree Total

129

Education Minor (EDU)

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 school dean.

Awards and Scholarships

The Undergraduate School of Education annually recognizes graduating seniors with the following awards:

- Most Outstanding Undergraduate Teacher Candidate,
- Outstanding Teacher Candidate in each of the following majors: elementary, special education, and early childhood,
- Outstanding Senior Portfolio,
- Dr. Radine Frisbie Special Education Award
- William C. McQueen Children's Literature Award,
- Mauldin Ray Outstanding Undergraduate Award.

Educational scholarships, available to upperclassmen in undergraduate education, are based on scholarship, need, and admission to the School of Education, which includes meeting all requirements for the Professional Education Program with interview. Amounts vary from \$1000 to \$5000 for the year. Students need to contact the School of Education for applications, which are due in January of the preceding school year. Students from all education certification areas are eligible to apply. Additional information is available in the School of Education.

Course Offerings (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 Methods
- ELE 342 Motor Learning, Games, and Activities
- ELE 343 Fine Arts Methods (Art, Music, and Drama)
- ELE 344 Elementary Reading Methods with Practicum
- ELE 364 Mathematics Methods
- ELE 383 Science Methods
- ELE 393 Social Studies Methods
- ELE 403 Literacy Assessment and 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 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 224 School Health and Safety
- 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 Department

J. Patrick Otto, Ed.D., *Chair*

Masters Programs

The masters program offers a master of arts degree and gives students a choice of one of five areas: (1) teaching with public school licensure, (2) curriculum development, (3) school administration, (4) college and higher education administration, and (5) teaching English as a second language. 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 M.A. degrees in education must be completed within five years.

Admission to the Program

To qualify for the master of arts, 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 School of Education for evaluation.

Degree-Seeking Students

All students seeking admission to the master of arts program in the School of Education must meet the following criteria:

- Application for admission including a signed Code of Honor 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
- 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 School of Education.
- At the discretion of the 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 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.

Retention Requirements

Upon admission to a graduate program in the School 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 School 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 School 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

TEACHING (CSTC) with Public School Licensure

Master of Arts

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 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.

<i>ORU Distinctive Courses</i>	<i>Credit Hours</i>
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.

<i>Professional Education</i>	
GPED 503 History and Philosophy of Education	3
GPED 513 Human Growth and Development	3
GPED 571 Professional Education Seminar/ Portfolio	1
GPED 572 Classroom Management and Educational Law	3
GPED 582 Educational Assessment	3
GPED 683 Educational Research Design	3
GPED 641 Instructional Methods and Strategies: Secondary and K-12	3
GSSED 553 Introduction to Special Education: Mild-Moderate Disabilities	3
<i>Choice of ten hours from the following courses:</i>	10
GPED 685 Intern/Student Teaching: 7-9 (5 hrs.)	
GPED 695 Intern/Student Teaching: 10-12 (5 hrs.)	
GPED 650 Student Teaching Away (10 hrs.)	
<i>Choice of one of the following two courses:</i>	1
GPED 690 Directed Study	
GECE 583 Directed Study	

Professional Education Total 33

Degree Total 35-35.5

SCHOOL CURRICULUM DEVELOPMENT (CSCD)

Master of Arts

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.

<i>ORU Distinctive Courses</i>	<i>Credit Hours</i>
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.

<i>Professional Education</i>	
GPED 503 History and Philosophy of Education	3
GPED 593 Evaluation for Administrators	3
GPED 683 Educational Research Design	3
GPED 690 Directed Study	3

GPED 835 Advanced Theories of Learning and Brain Research	3
Professional Education Total	15

Curriculum Specialization

GCSE 533 Survey of Christian School Curriculum	3
GCSE 643 Issues in Education	3
GCSE 673 Internship (Curriculum)	3
GCSE 713 Educational Leadership and Supervision	3
GPED 753 Curriculum/Instructional Design and School Services	3
<i>Choice of one of the following courses:</i>	3
GCSE 603 Guidance and Counseling in Christian Schools	
GCSE 613 Organization and Administration of Christian Schools	
GPED 693 Thesis	
GPED 723 School Finance	
GPED 733 School Law/Legal Issues in Education	

Curriculum Specialization Total 18

Degree Total 36-36.5

SCHOOL ADMINISTRATION (SADM)

Master of Arts

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.

<i>ORU Distinctive Courses</i>	<i>Credit Hours</i>
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/Private School Administration Concentration (CSEA)**

GPED 593	Evaluation for Administrators	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 (GPSA)**

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

COLLEGE AND HIGHER EDUCATION ADMINISTRATION (CPSA)

Master of Arts

This program is designed for students who desire studies in the administration of postsecondary schools. This includes higher education colleges and universities, community colleges, Bible schools, and Bible colleges.

ORU Distinctive Courses	Credit Hours
GTHE 507 Holy Spirit in the Now	2
GHPE 503* Graduate Health Fitness	.5-1
Choice of one of the following:	.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	Evaluation for Administrators	3
GPED 683	Educational Research Design	3
GCSE 733	Characteristics of the Adult Learner	3

Professional Education Total 12

Administration Specialization

GPED 723	School Finance	3
GCSE 724	Governance and History of College and Higher Education	3
GCSE 683	Internship (Administration)	3
GCSE 684	Internship	3
GCSE 713	Educational Leadership and Supervision	3
GCSE 723	Administration of College and Higher Education	3
GCSE 743	Curriculum Survey and Design for College and Higher Education	3

Administration Specialization Total 21

Degree Total 36-36.5

TEACHING ENGLISH AS A SECOND LANGUAGE (TESL)

Master of Arts

English has become the primary language for worldwide communication. A knowledge of English is essential for anyone wishing to be involved in international business or technology exchange. As a result, the teaching of English throughout the world has become the largest educational enterprise in history. The TESL program is designed for the individual desiring to teach English as a second language in the United States or abroad. The M.A. in the TESL graduate program meets the requirements of the State Department of Education for the TESL endorsement.

ORU Distinctive Courses	Credit Hours
GTHE 507 Holy Spirit in the Now	2
GHPE 503* Graduate Health Fitness	.5-1
Choice of one of the following:	.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.

TESL Courses

TESL 513	Cross-Cultural Communication	3
TESL 515	Descriptive Linguistics	3
TESL 516	Sociolinguistics	3
TESL 543	TESL Methods and Materials	3
TESL 553	TESL Curriculum Design	3
TESL 563	TESL Internship	3
TESL 593	TESL Assessment	3
TESL 690	Directed Study	3
GPED 503	History and Philosophy of Education	3
Choice of one of the following courses:		3
TESL 518	TESL Seminar	
TESL 633	Literature in ESL Context	
TESL 690	Directed Study	

GPED 563 Educational Technology

TESL Total 33

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 schools 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.

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.

Retention Requirements

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.

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 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 School of Education and must be taken on campus. More information is available in the School of Education handbook.

Portfolio Requirement

All students enrolled in any of the graduate programs in the School of Education are required to develop an electronic, web-based portfolio (ePortfolio) that documents the candidate's progress through the degree. Specific requirements are detailed in the program handbook and the portfolio 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.

<i>ORU Distinctive Courses</i>	<i>Credit Hours</i>
GADM 882 Holy Spirit in Education	2
GHPE 503* Graduate Health Fitness	1
<i>Choice of two of the following:</i>	1
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPE Activities course	
HPE Activities course	

ORU Distinctives Total

*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.

<i>Doctoral Core</i>	<i>Credit Hours</i>
GPED 503 History and Philosophy of Education	3
GADM 700 Leadership Studies	3
GADM 701 Contemporary Curriculum Issues	3
GADM 800 Organization Theory in Administration	3
GADM 810 Strategies for Educational Change	3
GADM 885 Internship in Educational Leadership	3

Doctoral Core Total

<i>Dissertation Block</i>	<i>Credit Hours</i>
<i>Choice of one of the two following courses:</i>	3
GADM 870 Quantitative Research	
GADM 875 Qualitative Research	
GADM 900 Doctoral Dissertation	8
GADM 901 Dissertation Prospectus Seminar	.5

Dissertation Block Total

Note: Students in the Ed.D. program must choose one of the following concentrations.

■ College and Higher Education Administration Concentration (CPSA)

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

Concentration Total

*With advisor approval. Students may be required to take GPED 583 and 683 if they have not taken these at the masters level.

■ Christian/Private School Administration (K-12) Concentration (CSEA)

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

Concentration Total

*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 (GPSA)

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*	12

Concentration Total

Degree Total

*With advisor approval. Students may be required to take GPED 583 and 683 if they have not taken these at the masters level.

Awards and Scholarships

The School of Education annually presents Outstanding Graduate Education Student awards in the following areas:

- *Teaching English as Second Language*
- *Christian School Administration*
- *Public School Administration*
- *Graduate Student*
- *Doctor of Education*

Education Scholarships, available to graduate students in the School of Education, are based on undergraduate GPAs, Miller Analogies Test (MAT) scores, and Graduate Record Examination (GRE) scores. The minimum undergraduate GPA requirement is 3.4. Amounts vary from \$500 to \$1000 per semester. Students need to contact the Adult Learning Service Center (ALSC) to apply.

Course Offerings (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 The Organization and Administration of Christian Schools
- GCSE 643 Issues in Education
- GCSE 673 Internship (Curriculum)
- GCSE 683 Internship (Administration)
- GCSE 690 Directed Studies
- 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 500 Introduction to Professional Education
- GPED 502 Health Care for Education Majors
- GPED 503 History and Philosophy of Education
- GPED 513 Human Growth and Development
- 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 Evaluation for Administrators
- 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 Studies
- GPED 693 Thesis
- GPED 695 Student Teaching: 10-12
- GPED 703 Advanced Psychology of Childhood and Adolescence
- GPED 704 Seminar in Education
- 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 999 Elective
- Graduate Special Education**
- GSSED 523 Parent and Families of Students with Special Needs
- GSSED 553 Introduction to Special Education: Mild-

- Moderate Disabilities
- GSSED 563 Effective Instruction for Students with Mild-Moderate Disabilities
- GSSED 613 Assessment and Program Planning
- GSSED 623 Issues, Trends, and Curriculum Modification in Special Education
- GSSED 652 Behavior Management Strategies
- GSSED 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
- TESL 553 TESL Curriculum Design
- TESL 563 TESL Internship
- TESL 593 TESL Assessment
- TESL 633 Literature in the ESL Context
- TESL 690 Directed Study
- TESL 999 Elective

SCHOOL OF LIFELONG EDUCATION

Marty Crossland, Ph.D., Dean

MISSION STATEMENT: Making an ORU education available in every person's world.

VISION STATEMENT: Recognizing that learning is an ongoing, lifelong process, the School of LifeLong Education enables mature adults to obtain a bachelor of science degree through an accredited, non-residential program. The purpose of the program is to train mature 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

School of LifeLong Education

Marty Crossland.....Associate Professor of Management Information Systems and Dean
B.S., Texas Tech University, 1972; M.B.A., Oklahoma City University, 1987; Ph.D., Indiana University, 1992.

Gwetheldene Holzmann.....Assistant Professor
B.A., Malone College, 1976; M.A., Regent University, 1983; Ed.D., College of William and Mary, 1994.

Paul King.....Assistant Professor
B.A., Oral Roberts University, 1975; M.A., 1979; D.Min., 2000; Th.D., University of South Africa, 2002.

John Swails III.....Professor of History and Director for the Center for Israel and Middle East Studies

B.A., University of Georgia, 1969; M.A., 1972; M.A. Brandeis University, 1975; Ph.D., University of Georgia, 1983.

School of Arts and Cultural Studies

U. S. "Sonny" Branham.....Assistant Professor of Government

B.A., Western Kentucky University, 1971; M.A., 1973.

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

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

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

School of Business

M. Ray Gregg.....Assistant Professor of Accounting
B.B.A., Texas Tech University, 1969; M.B.A., 1971; C.P.A., 1972.

School of Education

Richard Berumen.....Assistant Professor
B.S., University of Central Oklahoma, 1975; M.A., University of Tulsa, 1977.

Linda G. Dunham.....Associate Professor and Chair, 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.

Jean C. Mosley.....Professor
B.S. Ed., Mississippi College, 1968; M.Ed., Louisiana State University, 1972; Ph.D., 1992.

School of Science and Engineering

Vincent Dimiceli.....Associate Professor of Mathematics
B.S., Lamar University, 1986; M.S., Texas A&M University, 1989; Ph.D., 1999.

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.

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.

Andrew Lang.....Professor of Mathematics
B.S., University of Kent, 1991; M.S., University of Tulsa, 1993; Ph.D., University of Missouri, 1998.

Leighanne Locke.....Instructor of Mathematics
B.S., Oral Roberts University, 1997; M.A., University of Tulsa, 1999.

Nancy Mankin.....Assistant Professor of Health, Physical Education, and Recreation
B.S., Central State University, 1980; M.Ed., 1993.

Dorothy Radin.....Assistant Professor of Mathematics
B.S., Minot State College, 1971; M.A., DePaul University, 1992; Ed.D., Oklahoma State University, 2007.

Patti Techanchuk.....Instructor of Health, Physical Education, and Recreation
B.S., Oral Roberts University, 1975; M.Ed., 1997.

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.

School of Theology and Missions

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.

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.

James Breckenridge.....Associate 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.....Associate 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.

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.

David Dorries.....Professor of Church History
B.A., Baylor University, 1971; M.A., Andover Newton Theological School, 1974; Ph.D., University of Aberdeen, 1988.

Jeffrey Lamp.....Professor of New Testament
B.S., University of Oklahoma, 1983; M.Div., Oral Roberts University, 1990; Ph.D., Trinity Evangelical School, 1995.

Kerry Loescher.....Instructor of Youth Ministry and Evangelism
B.A., Oral Roberts University, 1995; M.A., 1997.

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.

James B. Shelton.....Professor of New Testament
B.A., Oral Roberts University, 1973; M.A., 1977; Ph.D., University of Stirling, 1982.

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.

Donald R. Vance.....Professor of Biblical Languages and Literature
B.A., Oral Roberts University, 1980; M.A., Institute of Holy Land Studies, Jerusalem, Israel, 1982; Ph.D., Joint Doctoral Program of the University of Denver and Cliff School of Theology, 1998.

Edward Watson.....Assistant Professor of New Testament and Chair, Undergraduate Theology
B.A., Southern Baptist College, 1987; M.A., Oral Roberts University, 1994; Th.M., Duke University Divinity School, 1996; Ph.D., Baylor University, 2005.

Academic Programs and Opportunities

The School of LifeLong Education (SLLE) is designed to provide flexible quality educational programs that accommodate unique adult learners and non-traditional students. It is designed for adult learners who seek to better equip themselves educationally but find it impossible to leave their homes, jobs, and ministries to relocate. Courses for academic credit are available through online courses, correspondence studies, and condensed sessions on campus.

Students can take courses toward an academic degree in five different ways: (1) the external degree program offers two bachelor degrees with four different majors, (2) the degree completion program helps adult learners to complete degrees they began in residence at ORU, (3) summer school offers courses online and in three-week blocks, (4) the Home School College Program allows home-schooled high school students to earn college credit while completing high school, and (5) The Center for Israel and Middle East Studies offers various credit and non-credit on-campus and distance courses and programs.

External Academic Degree Program

In conjunction with the on-campus faculty and academic departments, SLLE awards both the bachelor of science and bachelor of arts degrees with four undergraduate majors that can be completed entirely through online and correspondence courses. The undergraduate department that provides the curriculum is listed in parentheses in the following list of majors:

1. Business Administration (Business)
2. Christian Care and Counseling (Theology)
3. Church Ministries (Theology)
4. Liberal Studies or Liberal Arts (History, Humanities, and Government)

Students who have not yet declared a major may enroll as exploratory students but must declare a major in order to complete their degrees.

Enrollment

Admission Requirements

Prospective students to the External Academic Degree Program must be at least 22 years old. Applicants should submit all post-secondary transcripts as well as an official high school transcript. Applicants also need to submit ministers' recommendations, personal essays, and signed Honor Code pledges.

Students in the School of LifeLong Education 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. Official transcripts from institutions attended outside of Oral Roberts University must be forwarded to the Adult Learning Service Center. Students are readmitted under current degree plans and policies, which could alter the students' previously approved degree plans.

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 ORU curriculum.

Students document such knowledge by enrolling in GEN 101 Prior Learning Assessment, which is a portfolio development course. Enrollment is based upon the recommendation of the Admissions Committee. Students receive three hours of elective credit upon satisfactory completion of the course. In addition, the resulting portfolio is submitted to the Portfolio Assessment Committee for evaluation. A nonrefundable deposit of \$200 must be submitted to the SLLE along with the portfolio.

Portfolios must be submitted prior to the beginning of the second year of course work at ORU. Transfer students must have all transcripts sent to the SLLE prior to the portfolio assessment. Up to 30 hours of credit may be awarded through the portfolio evaluation process. Portfolio credit is recorded at one-half the normal tuition rate. Portfolio credit granted at ORU provides advanced standing in ORU degree programs but cannot be transferred to another college or university prior to graduating from ORU.

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 academic programs.

Incompletes and Withdrawals

At least one assignment must be submitted in a distance education course before a grade of "incomplete" may be requested. The student must file a request for the incomplete and pay a fee of \$15 per credit hour of enrollment to have the incomplete recorded with the Registrar's Office. This extends the enrollment period by an additional four months.

To qualify for an extension of the incomplete, at least 50% of the assignments must be submitted for grading to the School of LifeLong Education. Extended incompletes are granted only when the student is working to complete the course. A student must request an "E" and pay a fee of \$15 per credit hour to have the extension recorded with the Registrar's Office.

Failure to complete the coursework within the time allotted for the extension ("E") will result in SLLE's con-

verting it to "W." (Graduate and resident students will receive an "F," not a "W.") Such action does not release the student from any financial obligations for tuition charges. A student desiring to complete coursework after a "W" has been reported must reenroll, pay all course fees, and purchase current course materials.

If none of the assignments have been completed and the student has not expressed interest in completing the coursework, a grade of "W" may be posted to the transcript. In this case, the "W" indicates that coursework has not been and will not be completed. The student may initiate this process by requesting to be withdrawn. A withdrawal does not release the student from any financial obligations for tuition charges.

Curriculum

Distance Education Courses

Courses are delivered in a variety of online and correspondence formats that promote the students' development and higher-level learning using analysis, synthesis, and evaluation skills. Students will demonstrate comprehension of course material through responses to objective questions (matching, short answer, and multiple choice), written work (such as 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 SLLE courses.

The normal course load for a full-time external degree distance student is nine credit hours in a four-month period. No student may take more than 16 hours in a given four-month period without the approval of the Chair of the School of LifeLong Education (SLLE). The normal course load for a part-time distance student is 3-6 credit hours in a four-month period.

Grading System

Grades are recorded as "A," "B," "C," "D," or "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 ("Fs"), incompletes ("I"), extensions ("E"), or withdrawals ("W"). A minimum grade point average of 2.0 must be earned to qualify for graduation.

Course Repeat

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. The grade received from the course is excluded from the semester and cumulative grade point average. Courses may be repeated outside ORU with SLLE approval; 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.

Examinations

A final exam or project is required for all credit distance education courses and accounts for a substantial portion of the final grade. Students are notified of exam grades, but the final exam is not returned to students. There is a \$15 testing fee for each correspondence final exam payable on enrollment.

Students living in the vicinity of Tulsa, Oklahoma, may report to the SLLE to take a final exam. In all other

cases, students may be required to arrange for an approved proctor to administer exams. If so, students must complete Proctor Selection Forms included in the study guides. It is the student's responsibility to identify and make arrangements with a proctor. Test proctors must be appropriately credentialed educational professionals (e.g., principals, school teachers, school counselors, college/university professors) and must be approved in advance by the SLLE. Relatives of a student, other students enrolled at ORU, or nondesignated individuals may not serve as exam proctors. ORU may require that students come to campus for the purpose of taking an exam if an acceptable proctor is not available.

Health and Physical Education

Every student is required to make satisfactory progress in physical fitness. ORU wants its graduates to be mentally alert, spiritually alive, and physically disciplined. For this reason, all degree-seeking students are required to enroll in and pass the Health Fitness and Fitness for Life courses.

Academic Honesty

Students must do their own academic work and may not inappropriately collaborate with other students on assignments. Any and all materials obtained from any source (written, online, verbal) that a student uses in the preparation of any assignment or any other work for submission must be accurately credited and/or cited within the submitted work.

No Christian intellectual community can maintain its integrity or be faithful to its members if violations of its central purpose are tolerated. This principle of intellectual responsibility applies to all work done by students. Cheating and plagiarism attack the basis for academic accreditation and Judeo-Christian civilization. They are violations of God's moral codes. Plagiarism is literary or artistic theft and misrepresentation. It is not only a moral wrong, but it is also illegal.

A student violating this principle of intellectual responsibility may receive an "F" grade in the course involved and be subject to disciplinary action including possible suspension from Oral Roberts University.

Test-out Exams for Course Credit

Students can take test-out exams to receive credit for courses. At ORU, students who earn a grade of "C" (70%) or better are given credit for the course. This process enables students to prove proficiency in a subject, thus eliminating the need to take the course. Students who matriculate to ORU may earn a total of up to 30 hours of ORU credit through the test-out process.

Procedures

Study Guides and Resources

Each correspondence course requires a study guide for course completion. Study guides are available through Desire2Learn, the university's course management system. For online courses, materials similar to study guides are also available in Desire2Learn. Materials such as textbooks, workbooks, recordings, and other required items are shipped using commercial parcel carriers at the normal surface delivery rate. In the event that an expedited delivery is needed or preferred, students should notify the Oral Roberts University campus bookstore. There are additional postage expenses for materials shipped overseas. Students may contact the ORU campus bookstore for exact rates. Since parcel carriers do not deliver to post

office boxes, a physical street address needs to be provided for shipping purposes.

Assignments

External students who wish to have their assignments returned must enclose self-addressed, stamped envelopes when submitting assignments to the university. Students are strongly encouraged to do so in order to receive communication from faculty.

Tuition Refunds

For semester-length courses (16 weeks), tuition refunds for credit courses (based on withdrawal requests) are granted upon receipt of written requests within eight weeks of the enrollment date. Requests for refunds may be faxed to the ALSC at 1(918)495-7965 or mailed to the Adult Learning Service Center, Attn. Assistant Registrar, 7777 South Lewis Ave., Tulsa, OK 74171. The amount of tuition refund is determined according to the following schedule:

1-2 weeks	90% of tuition
3-5 weeks	50% of tuition
6-8 weeks	25% of tuition
after 8 weeks	no refund

For courses shorter than 16 weeks--such as most online courses--a different refund schedule is used.

No refunds are granted on study guides, and the university does not refund amounts under \$10.

Transcript Requests

Copies of official transcripts may be obtained through the ORU Registrar's Office.

BUSINESS ADMINISTRATION MAJOR (BUA)

Bachelor of Science

The business administration major is designed to provide background for executives in business enterprises and industrial society. A broad background in the liberal arts provides a basis for social understanding and appreciation in 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 Management degree, which are both offered through the ORU School of Business.

<i>General Education</i>	<i>Credit Hours</i>
Distance Learning Strategies (GEN 114)	3
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (Choice of two of the following: BIO 101, EVR 250, PSC 101)	8
Mathematics (MAT 232)	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)	3
Health, Physical Education, and Recreation (001, 002, 101, 102)	4
General Education Total	57

Major

BUS 099	Business Seminar	0
ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of Financial and Managerial Accounting II	3
BUS 325	Business Law I	3
BUS 326	Business Law II	3
ACT 320	Quantitative Analysis	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** 11

Degree Total 128

*Minor must be outside the School of Business.

**Elective requirements may be fulfilled by transfer of credit or by taking courses from undergraduate correspondence or summer school offerings.

CHRISTIAN CARE AND COUNSELING MAJOR (CHCC)

Bachelor of Science

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. This major is an excellent preparatory program for the Master of Arts in Christian Counseling offered through the School of Theology and Missions.

<i>General Education</i>	<i>Credit Hours</i>
Distance Learning Strategies (GEN 114)	3
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
<i>Choice of two of the following science courses:</i>	
Laboratory Science (BIO 101, EVR 250, PSC 101)	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: BUS 201, SOC 101, FIN 244)	3
Health, Physical Education, and Recreation (001, 002, 101, 102)	4
General Education Total	57

Major

THE 217	Seminar in Theological Research	3
PSY 201	Introduction to 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
CCC 411	Practical Applications of Helping Skills	3
CCC 413	Senior Practicum	3
<i>Choice of seven courses from the following list:</i>		21
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	
SOC 201	Marriage and the Family	
PSY 338	Psychology of Abnormal Behavior	
CHRM 306	Pastoral Ministry Skills	

Major Total 45
Minor 18
Electives* 8
Degree Total 128

*Electives requirements may be fulfilled by transfer of credit or by taking courses from undergraduate correspondence or summer school offerings.

CHURCH MINISTRIES MAJOR (CHM)

Bachelor of Science

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. The church ministries degree includes components of theology and practical ministry.

<i>General Education</i>	<i>Credit Hours</i>
Distance Learning Strategies (GEN 114)	3
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (Choice of two of the following: BIO 101, EVR 250, PSC 101)	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
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 (001, 002, 101, 102)	4
General Education Total	57

<i>Major</i>	<i>Credit Hours</i>
BIB 222 Old Testament Introduction	3
BIB 261 New Testament Introduction	3
BIB 306 Hermeneutics	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 305 Teaching the Bible	3
CHRM 306 Pastoral Ministry Skills	3
CHRM 460 Church Administration	3
CHRM 499 Senior Paper/Project	3

<i>Choice of two of the following courses:</i>		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	

<i>Choice of four of the following courses:</i>		12
BIB 302	Historical Geography of the Holy Land	
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	

<i>Choice of three of the following courses:</i>		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	

<i>Choice of two of the following courses:</i>		6
CHRM 304	Introduction to Christian Education	
CHRM 335	Introduction to Evangelism	
CHRM 340	Sermon Preparation and Preaching	
MISS 404	Church Growth and Planting	

Major Total	66
Electives*	5

Degree Total	128
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*Electives may be fulfilled by transfer of credit or by taking courses from undergraduate correspondence or summer school offerings.

LIBERAL STUDIES MAJOR (LIBS)

Bachelor of Science/Bachelor of Arts

The liberal studies and the liberal arts majors offered through the SLLE provide students with the opportunity to participate in a program that can be more directed to their needs, interests, and even utilize previous academic experiences. Under the direction of administrative and faculty advisors, individualized programs are developed that not only provide flexibility for students but also maintain high academic and professional standards within the content areas.

The liberal studies major requires that students pursue at least two distinct areas of interest within an interdisciplinary format. A variety of coursework and experiences, including transfer opportunities from other recognized institutions of higher learning, is possible within the degree plan. The liberal arts major includes the same content requirements plus a foreign language component validating oral and written proficiency.

Students wishing to major in the liberal studies or liberal arts areas must submit a brief typewritten proposal to the dean of the School of LifeLong Education with SLLE undergraduate admissions forms. The proposals need to include reasons for pursuing liberal studies or arts, reasons for choosing proposed areas of interest, and overall goals.

After the proposals are reviewed by the dean of SLLE, students are assigned advisors to assist in planning their degree programs. Admission to the degree program does not necessarily guarantee automatic acceptance of a particular student's proposed course of study. The SLLE reserves the right to make appropriate modifications or impose additional requirements as

necessary to ensure a sound education program in accordance with the standards of excellence of ORU. Students' approved courses of study are outlined in their final degree plans.

The final degree plans, as approved by the students and the SLLE, serve as the individualized degree programs for the students while enrolled in this baccalaureate program. No changes to the degree plan may be made without approval of the SLLE.

Any student desiring to major in liberal arts is required to take six hours in a foreign language and complete at least a 203-level foreign language course. Foreign language courses may not be used to meet both general education requirements and those in an area of interest. Admission to the liberal arts major, including completion of the foreign language component, is possible with the approval of the School of LifeLong Education.

The liberal studies/liberal arts major consists of three components: general education courses, specialization requirements, and electives. The liberal studies/liberal arts major requires at least 128 semester hours of credit.

•**General Education.** A total of 54-60 credit hours (54 hours for liberal studies and 60 for liberal arts) of coursework in the general education is required of all students in the program.

•**Specialization Requirements.** Students must complete 63 credit hours in two to three areas of emphasis. Of the 63 credit hours, at least 45 credit hours must be from upper-division courses (300-400 level). All students enrolled in the liberal studies or liberal arts major are required to complete GEN 499 Senior Paper/Project. Students must earn at least a "C" in each course taken in the 66 credit hour specialization requirements.

•**Areas of interest.** With approval of the dean of the School of LifeLong Education, a student selects at least two areas of interest. Each area of interest consists of a minimum of 18 upper division hours in a single subject area. Students with elective credits when entering the program should consider using them to build the areas of interest.

General Education	Credit Hours
Distance Learning Strategies (GEN 114)	3
English (ENG 101, 305)	6
Foreign Language (liberal arts major only)	0-6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (Choice of two of the following: BIO 101, EVR 250, PSC 101)	8
Mathematics (MAT 151 or 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
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 (001, 002, 101, 102)	4
General Education Total	57-63

Specialization Requirements	
Area of interest #1 (minimum of 15 hours)	15-42
GEN 499 Senior Paper/Project (in area of interest #1)	3
Area of interest #2 (minimum of 18 hours)	18-45
Optional Area of interest #3 (minimum of 18 hours if opted)	0-27
Specialization Total	63
Electives	2-8
Degree Total	128

Bible Minor (ENB)

BIB 222	Old Testament Introduction	3
BIB 261	New Testament Introduction	3
BIB 306	Hermeneutics: Principles of Biblical Interpretation	3
CHRM 305	Teaching the Bible	3
<i>Choice of two of the following courses:</i>		6
BIB 302	Historical Geography of the Holy Land	
BIB 346	Luke-Acts	
BIB 363	Eschatology and the Book of Revelation	
BIB 364	The Pauline Epistles	
BIB 376	Hebrews and the General Epistles	
BIB 421	Pentateuch	
BIB 424	Hebrew Prophets	
BIB 437	Psalms and Wisdom Literature	
Minor Total		18

Christian Care and Counseling Minor (CHCC)

PSY 201	Introduction to 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
<i>Choice of one of the following:</i>		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	
CCC 430	Special Issues in Counseling	
SOC 201	Marriage and Family	
PSY 338	Psychology of Abnormal Behavior	
CHRM 306	Pastoral Ministry Skills	
Minor Total		18

Church History Minor (CHS)

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

Church Ministries Minor (CHM)

CHRM 304	Introduction to Christian Education	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
<i>Choice of one of the following:</i>		3
CHRM 305	Teaching the Bible	
MISS 404	Church Growth and Planting	

Minor Total 18

Evangelism and Missions Minor (EVG)

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
<i>Choice of two of the following courses:</i>		6
MISS 397	Missions Internship	
MISS 404	Church Growth and Planting	
THE 304	Contemporary Religions in America	

Minor Total 18

General Business Minor (BUA)

This minor provides a foundational base of business knowledge for the student who is majoring in a discipline other than business administration.

BUS 201	Principles of Economics I	3
MKT 130	Principles of Marketing	3
MGT 130	Principles of Management	3
ACT 215	Principles of Financial Accounting I	3
<i>Choice of two of the following courses:</i>		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 (LIBS)

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 (300-499 levels), (2) the 18 hours must be related coursework, and (3) the minor must be approved by the dean of the School of LifeLong Education.

Theological Studies Minor (TST)

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

Exploratory Major/Student Status

A student who has not yet declared a major may enroll as an exploratory student but must declare a major in order to complete a degree. What is commonly called an "exploratory major" (EXP) is not really a major and does not lead to a degree, but rather it is a declaration that the student has not yet decided on a major.

The exploratory status is designed with two purposes in mind: (1) to guide students who are not yet ready to declare a major and (2) to help potential Elementary Education with Certification students gain the general education credits required to enter the degree completion program by the ORU School of Education.

The following general education requirements apply toward the business administration, church ministries, and the Christian care and counseling majors.

General Education	Credit Hours
Distance Learning Strategies (GEN 114)	3
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (Choice of two of the following: BIO 101, EVR 250, PSC 101)	8
Mathematics (MAT 151 or 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective* (Choice of one of the following: PSY 201, BUS 201, SOC 101, SOC 201, SOC 323, FIN 244)	3
Health, Physical Education, and Recreation (001, 002, 101, 102)	4
General Education Total (for BUA, CHM, CHCC majors)	57

*Students interested in the CHM major choose from PSY 201, SOC 101, SOC 201, BUS 201, and FIN 244. Students interested in the CHCC major choose from SOC 101, BUS 201, and FIN 244. Students interested in the BUA major choose from PSY 201, SOC 101, and SOC 201.

The following general education prerequisites apply toward the elementary education major. After students complete the general education prerequisites through SLLE or by transfer from another accredited institution, they complete the remainder of the major/degree through the School of Education.

General Education Prerequisites	Credit Hours
Distance Learning Strategies (GEN 114)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Laboratory Science (BIO 101 and PSC 101)	8
Environmental Science (EVR 250 lecture and lab)	4
Mathematics (MAT 151 and 232)	6

American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences (SOC 323)	3

General Education Prerequisites Total 54
(for elementary education major)

Degree Completion Program

The School of LifeLong Education understands the changing nature of learning for the adult who has been out in the workplace with family and job responsibilities. In an effort to assist adult learners who began their higher education courses in residence but were unable to complete degrees, the SLLE facilitates the degree-completion process for students with 120 or more hours towards a degree traditionally available only on campus.

The student, upon completion of original degree requirements, can graduate with the degree originally pursued on campus and can be recognized in commencement as having completed through the SLLE. The degree can be completed via the following delivery mechanisms: traditional on-campus classes, evening classes, and distance education.

The School of LifeLong Education has more information on degree completion. Those interested should contact the SLLE representative at (918) 495-6055.

Summer School

The ORU summer school provides on campus and distance education options for students. Students may enroll in summer school courses to fulfill degree requirements, to obtain credit to transfer to other colleges or universities, or to fulfill personal goals. Both undergraduate and graduate courses are available. Degree-seeking status is not required in order to enroll. Many students find the summer school offerings a great assistance in completing their course of study on time. Some students are able to learn the concepts and skills more effectively in summer school because of the smaller class sizes and the focused nature of the classes.

On campus summer school consists of four summer sessions, each lasting three weeks. The first session generally begins the first week of May with the fourth session ending the last week of July. Students may attend any one or all sessions and may enroll in a maximum of four credit hours per session. Summer housing is available in the university residence halls.

A summer distance education option is also available. Students may also enroll in a combination of online and residential correspondence courses for the summer. Each of the distance education courses has its own specific due dates for assignments and the final exam.

The registrar publishes the summer school schedule in the fall and spring of each year. The current summer school schedule is available online.

Home School College Program

The Home School College Program offers home-educated youth who are studying at the high school level the experience of concurrently taking college courses through correspondence. This provides the student with exposure to the advanced level as well as a firm foundation for success in college. Public and pri-

vate school high school students need to obtain a principal's permission to participate in this program.

The program is administered through the School of LifeLong Education. Students may enroll and begin studies at any time during the year. After the materials are received, a schedule is set with a multi-part assignment due each month for three months. At the end of the fourth month, the final exam is sent to a proctor: someone currently involved in education but not related to the student. The credits earned may be applied toward a continuing, residential education at ORU or, because ORU is a fully-accredited university, may be transferred to other accredited institutions in the United States. It is not required that the student be admitted to ORU, submit a transcript, or take the ACT/SAT tests before taking these courses. However, the student should first complete suitable background subjects in the high school curriculum. Typically, students in their junior and senior years are prepared to begin these studies.

Home School Course Offerings

Course descriptions for the courses listed below are at the end of this catalog. Course descriptions are alphabetical by the prefix. Courses include, but are not limited, to the following:

BIO 101	Principles of Biology Lecture
BIO 101	Principles of Biology Laboratory
BLIT 110	Survey of Old Testament Literature
BLIT 120	Survey of New Testament Literature
ENG 100	College Reading and Writing
ENG 101	Reading and Writing in the Liberal Arts
GEN 113	Study Skills
GOV 101	American Government and Politics
HIS 101	American History Survey: 1760 to Present
HUM 111	Introduction to Humanities I
HUM 112	Introduction to Humanities II
MAT 099	Introduction to College Mathematics
MAT 151	Mathematics and Society
THE 103	Charismatic Life and the Healing Ministry

Center for Israel and Middle East Studies

The Center for Israel and Middle East Studies is designed to give a greater understanding of the history and culture of Israel and the Middle East through various credit and non-credit on-campus and distance courses, and through programs, lectures, conferences, seminars, and study trips. The center is also working to establish consortia with Israeli universities to provide additional study opportunities abroad. More information is available from the director, Dr. John Swails, at jswails@oru.edu.

SLLE Academic Course Offerings

These courses are for the External Degree Program and for the Degree Completion Program. 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
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BLIT 120	Survey of New Testament Literature
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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

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

Christian Care and Counseling

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
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Computer Science

CSC 112	Microcomputer Applications in Business
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English

ENG 100	College Reading and Writing
ENG 101	Reading and Writing in the Liberal Arts
ENG 305	Critical Reading and Writing

Environmental Science

EVR 250	Environmental Science Lecture
EVR 250	Environmental Science Laboratory

Finance

FIN 244	Personal Financial Planning
FIN 303	Money and Banking Finance
FIN 338	Financial Management
FIN 418	Investments

General Studies

GEN 098	Introduction to LifeLong Education
GEN 101	Prior Learning Assessment
GEN 113	Study Skills
GEN 499	Senior Paper/Project

Government

GOV 101	American Government and Politics
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Health, Physical Education, and Recreation

HPE 001	Health Fitness I
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HPE 002	Health Fitness II
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HPE 101	Fitness for Life I
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HPE 102	Fitness for Life II
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History

HIS 101	American History Survey: 1760 to Present
HIS 371	Islamic Middle East
HIS 372	Ancient Near East
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 111	Introduction to Humanities I
HUM 112	Introduction to Humanities II
HUM 213	Modern Humanities I
HUM 214	Modern Humanities II

Management

MGT 130	Principles of Management
MGT 431	Strategic Management

Marketing

MKT 130	Principles of Marketing
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Mathematics

MAT 099	Introduction to College Mathematics
MAT 151	Mathematics and Society
MAT 221	Mathematics Concepts I
MAT 222	Mathematics Concepts II
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	Introduction to Psychology
PSY 338	Psychology of Abnormal Behavior

Sociology

SOC 101	Introduction to Sociology
SOC 201	Marriage and the Family
SOC 323	Child and Family in the Social Context

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--SLLE
PRF 100C	Math Proficiency--SLLE

ANNA VAUGHN SCHOOL OF NURSING

Kenda Jezek, Ph.D., Dean

MISSION STATEMENT: The Anna Vaughn School of Nursing uniquely complements the university's mission "to enable students to go into every person's world with healing for the totality of human need" by preparing graduates whose ministry is nursing. Using the Theory of Nursing for the Whole Person as a theoretical framework for clinical practice, nursing graduates address the physical, psycho-social, and spiritual needs of individuals, families, and communities through the profession of nursing. Overall goals include preparation of a graduate who (1) demonstrates excellence in nursing practice based on current theory and research; (2) has acquired the basic competencies for ongoing education, formal or informal; and (3) is prepared to successfully write the NCLEX-RN exam for licensure as a registered nurse.

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., Oral Roberts University, 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.

Tiffany Overfelt.....Lecturer
B.S.N., Oral Roberts University, 2004.

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.

Nursing Program

The school 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 majors who are interested in nursing should seek advisement within the School of Nursing.

Curriculum Objectives

Upon completion of the BSN curriculum, the graduate will be able to do the following:

- 1.0 Synthesize critical thinking skills for professional nursing practice.
- 1.1 Utilize conceptual/theoretical frameworks to organize nursing practice.
- 1.2 Utilize the nursing process as a systematic approach for thinking through practice issues.
- 1.3 Use research as a tool for seeking answers to clinically significant nursing problems.
- 1.4 Analyze a client's health status in relation to patterns of interaction between internal and external environments.
- 1.5 Synthesize knowledge from liberal arts, applied sciences, and current research in the delivery of nursing care.
- 2.0 Communicate in a professional manner.
- 2.1 Utilize verbal language that conveys the intended meaning.
- 2.2 Utilize nonverbal language that conveys the intended meaning.
- 2.3 Integrate informatics as a means for communication.
- 2.4 Interpret client's values and beliefs in relation to health.
- 2.5 Operationalize the role of the nurse as communicator in health care.
- 3.0 Evaluate therapeutic nursing interventions within a pattern of professional practice.
- 3.1 Use liberal arts and professional education to minister to individuals, families, and communities through the professional nursing role.
- 3.2 Interpret nursing care as addressing spiritual, physical, mental, and social needs of clients in a culturally sensitive manner.
- 3.3 Implement goal-directed nursing actions that promote, maintain, and restore health/wholeness.
- 3.4 Accept personal responsibility and accountability in the implementation of therapeutic nursing interventions consistent with professional standards.
- 3.5 Demonstrate professional nursing practice in various roles and health care settings.
- 4.0 Demonstrate a leadership style for professional nursing practice.
- 4.1 Internalize Christian, professional, and social values for a career in nursing.
- 4.2 Value the Theory of Nursing for the Whole Person as a theoretical base for nursing practice.
- 4.3 Demonstrate competence in nursing practice based on theory and current research.
- 4.4 Mobilize resources vital to the health of individuals, families, and communities.
- 4.5 Demonstrate a commitment to an ongoing quest for personal wholeness.

Requirements

Application

To attend the School 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 School 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. A nursing-faculty committee reviews academic qualifications of nursing major candidates prior to admission to the first clinical nursing course (NUR 202). 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,
 - (6) presented evidence of current CPR training.
- Formal admission to the nursing major by a nursing-faculty committee is required before enrollment in the upper-division nursing courses (fall-junior year).

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. Students must have completed all general education courses prior to admission to senior level courses.

Grade Point Average

Students must maintain an overall cumulative grade point average (GPA) of 2.50. Also, a GPA of 2.50 or above with no grade below a "C" is required in the prerequisite courses for nursing. A prerequisite course may not be repeated more than once to achieve a grade of "C." A student may repeat no more than two courses prior to the major in order to achieve a 2.5 GPA in prerequisite courses.

Medical and Health

Nursing students must submit a physician's statement of good health, current immunizations including tuberculin skin testing, and current CPR training prior to admission to the first clinical nursing course (NUR 202) in the spring semester of the sophomore year. Immunizations, tuberculosis screening, and CPR training must be current throughout enrollment in clinical nursing courses. CPR training must be the American Heart Association Basic Life Support for Health Care Professionals.

TOEFL

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.

Transfers

To transfer into nursing, students 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.

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, 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 AVSON Student Handbook.

Retention in the Nursing Program

Students enrolled in the nursing program must comply with the standards and regulations of the institution.

Courses and 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 session or by correspondence. Students must have school dean's permission to enroll in summer correspondence prior to the senior year.

Students must complete courses designated as prerequisite to nursing before admission to the upper-division courses.

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.

Grade Point Average

Students must maintain a cumulative and nursing GPA of 2.5 or above in all courses applicable to the major, with no grade below a "C" in nursing courses. Students whose nursing GPA is below 2.5 at the end of the first semester of clinical nursing courses (spring semester of the sophomore year) are placed on academic probation and given one semester to restore the GPA to 2.5. This includes all courses with an NUR prefix. Students may repeat a professional nursing course only with permission. 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.

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 con-

ducted 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.3).

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.

Honor Society

The purposes of the Oral Roberts University Anna Vaughn School of Nursing Honor Society, Mu Iota Chapter of Sigma Theta Tau, are 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.

NCLEX-RN Examination and Licensure for Eligibility in Oklahoma

The Oral Roberts University Anna Vaughn School 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

1. A valid, unexpired immigrant or nonimmigrant 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

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).

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	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 (Health Fitness I and II, swimming course or proficiency, six electives)	5

General Education Total

55

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	3
NUR 300	Health Assessment	3
NUR 301	Pharmacotherapeutics	2
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
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		61

*May be replaced with the honors equivalents.

Degree Total 130

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

- Candidates for this program must do the following:
- Meet the requirements for admission to ORU,
 - Be graduates of NLN accredited ADN programs,
 - Have cumulative associate level grade point averages of 2.50 on a 4.0 scale with no less than "C" in nursing or prerequisite courses,
 - Be currently licensed in Oklahoma as R.N.s, and
 - Provide proof of professional liability insurance.

Degree Requirements

ADN students who have met the criteria for admission are awarded the following 31 semester hours of nursing credit:

<i>Advanced Placement</i>	<i>Credit Hours</i>
NUR 200 Called to Care	3
NUR 201 Foundations of Nursing	5
NUR 230 Pathophysiology	3
NUR 300 Health Assessment*	3
NUR 301 Pharmacotherapeutics*	2

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		31

*Credit is awarded if a comparable course is evident on transcript.

The following general education, prerequisite, and cognate courses must be completed prior to progression to the professional nursing courses.

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110,120)	6
Theology (THE 103)	3
Chemistry (CHE 101 Lecture and Lab)	4
Microbiology (BIO 310 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 (Health Fitness I and II, swimming course or proficiency, two electives)	3
General Education Total	53

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

ADN students are required to enroll in the following 30 credits of nursing courses:

<i>Professional Nursing</i>		<i>Credit Hours</i>
NUR 400	Patterns of Health and Illness III	4
NUR 401	Professional Transition	2
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 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.

Course Offerings

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
NUR 300	Health Assessment
NUR 301	Pharmacotherapeutics
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 401	Professional Transition
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 477	NCLEX-RN Review
NUR 498	Research/Senior Paper I
NUR 499	Research/Senior Paper II
NUR 999	Elective

Nutrition

NUT 201	Nutrition
NUT 999	Elective

SCHOOL OF SCIENCE AND ENGINEERING

Dominic Halsmer, P.E., Ph.D., Dean

MISSION STATEMENT: The School 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.....Assistant 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.

Susan Carr.....Assistant Professor of Mathematics
B.S., Oral Roberts University, 1989; M.S., University of Tulsa, 1991.

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 Interim President
B.A., Oral Roberts University, 1970; M.S., Oklahoma State University, 1972; Ph.D., 1974.

Randall Feller.....Associate Professor of Psychology, and Chair of Behavioral Sciences Department
B.M.E., Oral Roberts University, 1981; M.S., Oklahoma State University, 1987; Ph.D., 1991.

Joel Galkwad.....Assistant Professor of Biology
B.S., University of Poona, 1981; M.S., 1983; Ph.D., Indian Institute of Science, 1991.

Bill Gordon.....Assistant 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.

Terese Hall.....Associate Professor of Psychology
B.A., University of Oklahoma, 1979; J.D., 1983; M.A., Oral Roberts University, 1992; Ph.D., University of Tulsa, 1997; Diplomate, American Board of Professional Psychology.

Dominic M. Halsmer.....Professor of Engineering and Dean
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 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.....Associate 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.....Associate Professor of Engineering
B.S., Sichuan University, 1982; M. Eng., Xidian University, 1992; Ph.D., National University of Singapore, 1997.

Leighanne Locke.....Instructor 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.....Associate Professor of Engineering and Chair of Engineering, Physics, and Physical Science 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.

Nathan H. Meleen.....Professor of Earth Science
B.A., San Jose State College, 1962; M.A., Clark University, 1964; Ph.D., 1977.

Alick Musukuma.....Instructor of Health, Physical Education, and Recreation
B.S., Oklahoma Baptist University, 1996; M.A., Oral Roberts University, 1999.

Wendy Perryman.....Associate Professor of Biology
B.S., University of Wyoming, 1989; M.S., 1992; Ph.D., University of North Dakota, 1998.

Kenneth Preston.....Associate Professor of Computer Science and Chair of Computer Science and Mathematics Department
B.S., University of Central Oklahoma, 1973; M.B.A. Phillips University, 1978; Ed.D., Oklahoma State University, 1993.

Dorothy Radin.....Assistant Professor of Mathematics
B.S., Minot State College, 1971; M.A., DePaul University, 1992, Ed.D. Oklahoma State University, 2007.

Hal Reed.....Professor of Biology and Chair of Biology 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.

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 Dean of Instruction
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.....Associate Professor of Chemistry and Chair of Chemistry Department
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. Thyvelikakath.....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.

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.....Associate 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.....Instructor
Reference Librarian and 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 for the Center of Instructional Services
B.S., Florida State University, 1974; M.S., 1975; Ed.D., University of Tulsa, 1987.

David Dorries.....Professor of Church History;
Theological Librarian

B.A., Baylor University, 1971; M.A., Andover Newton
Theological School, 1974; Ph.D., University of Aberdeen, 1988.

Donald R. Eland.....Assistant Professor
of Communication Arts/New Media and Senior
MultiMedia 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.....Instructor and Assistant Director,
Library Public Services

B.L.A., Oral Roberts University, 1978; M.L.S., Emporia State
University, 1979.

Peggy Pixley.....Instructor
and Public Services/Head Reference Librarian

B.A., Evangel College, 1967; M.L.I.S., University of Oklahoma,
1991.

Judith Rigsby.....Instructor
and Acquisitions/ Internet Librarian

B.A., Western State College of Colorado, 1968; M.L.I.S.,
University of Oklahoma, 1994.

Mark Roberts.....Assistant Professor
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.

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, 2007.

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.

PSYCHOLOGY MAJOR (PSY)

Bachelor of Arts

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.

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
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
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
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 (Health Fitness I and II, swimming course or proficiency, six electives)	5

General Education Total 61

Major	Credit Hours
PSY 201 Principles of Psychology	3
PSY 305 Physiological Psychology	3
PSY 322 Psychology of Learning and Motivation	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	12

Major Total 30

Minor 18

Minor and/or Electives 19

Degree Total 128

SOCIAL WORK MAJOR (SWK)

Bachelor of Social Work

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.

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's objectives prepare students to do the following:

1. Use critical thinking skills within the context of professional social work practice.
2. Engage in the practice of social work that is culturally competent within the values and ethics of the profession which develops an understanding of and respect for the positive value of human diversity.
3. Demonstrate the professional use of self in social work practice.
4. Understand the various forms and mechanisms of oppression and discrimination and apply professional strategies and skills of change that advance social and economic justice.
5. Understand the history of the social work profession, along with current structures and issues, and how the profession seeks to help people.
6. Apply the knowledge and skills of generalist social work to practice in addressing systems of all sizes.
7. Apply knowledge of bio-psycho-social-spiritual variables that affect individual development and behavior, and use theoretical frameworks to understand the interactions among individuals and between individuals and social systems of all sizes.
8. Analyze the impact of social policies on various client systems, including workers and agencies.
9. Evaluate and use research studies and apply findings to practice; and, under supervision, evaluate one's own practice interventions and those of other relevant systems.
10. Develop and use both verbal and written communication skills with a variety of client populations and colleagues.
11. Make use of supervision appropriate to generalist practice.
12. Function within the structure of organizations and service delivery systems; and, under supervision, seek necessary organizational change.
13. Integrate the Christian faith with the values and practice of social work.
14. Apply information technology to promote communication and facilitate the goals of social work.

<i>General Education</i>		<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)		0
English (ENG 101, 305)		6
Foreign Language (2 semesters including 203 level, Spanish recommended)		6
Oral Communication (COM 101)		3
Humanities (HUM 111, 112, 213, 214)		12
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
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)		5
General Education Total		61
<i>Major*</i>		
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
<i>Cognate*</i>		
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

*BIO 101, MAT 232, BUS 201, as well as cognate courses and courses in the major, require a grade of "C" or higher.

**SWK 381 is required for IV-E students.

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 objectives; and a copy of the Curriculum Policy Statement of the Council on Social Work Education are provided to all students.

Application Procedure

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 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.

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 2.25 GPA average in social work courses and ethical conduct necessary for professional social work practice. Courses taken in the program must have a grade of "C" or better to be counted for social work credit. These courses include all major and cognate courses plus BIO 101, MAT 232, and BUS 201 from general education. If the student's performance falls below the standards for program continuation, probation or termination procedures may be considered. However, every effort is made to work with a student in this condition 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. If the remediation efforts prove unsuccessful, the student is considered for termination. A majority of the faculty must agree that the student should be terminated.
5. If termination is decided, 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 School 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 School 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.

Social Work Articulation Agreement

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 then eligible for the one year Advanced Standing Social Work Program at the University of Oklahoma Graduate School of Social Work.

Psychology Minor (PSY)

PSY 201	Principles of Psychology	3
PSY	Electives	15
Minor Total		18

Sociology Minor (SOC)

The sociology curriculum is designed to aid understanding of the social structure, process, and relationships in groups, organizations, and community life.

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

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.

Course Offerings

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 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 432	Applied Statistics
PSY 450	Directed Studies
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 Studies
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 Studies
SWK 461	Honors Research
SWK 499	Senior Research Paper
SWK 999	Elective

BIOLOGY DEPARTMENT

Hal C. Reed, Ph.D., *Chair*

MISSION STATEMENT: The Biology Department seeks to train students to be knowledgeable of current biological trends, concepts and facts and to be equipped to scientifically investigate biological-based problems. The department challenges students to integrate their Christian faith with the discipline of biology by encouraging them (1) to appreciate the glory and majesty of Christ visible in the biological processes and creatures of life and our roles as stewards of God's creation; (2) to accurately discern between science, religion, and pseudoscience; (3) to apply their faith to ethical dilemmas in medicine, agriculture, human population growth, and other biological-based problems in human society; and (4) to exhibit Christ-like compassion by using their biological knowledge to help others suffering from disease, inadequate health care, limited food availability, and contaminated water supplies.

Biology is the study of life at every level from the subcellular to the biosphere, and this wide range is reflected in the course offerings. We must learn to

understand and live in harmony with our world in order to maintain a quality of life for ourselves and our children. The alarm against the continued misuse of our environment is being sounded more strongly than ever, and we believe that it is our Christian duty to respond. Our purpose is to prepare students to understand, interact with, and respond positively to those challenges affecting human beings and their natural world, while at the same time acknowledging and being directed by the Holy Spirit.

The Biology Department offers courses of study leading to the bachelor of science degree with majors in biology and science education, and concentrations in environmental science, premedicine, and other health professions.

Students may choose to receive a bachelor of arts in biology by achieving foreign language proficiency in addition to the requirements listed for the bachelor of science degree. A minor program in biology and in environmental studies are also available to students majoring in other fields.

The biology program is designed to meet the needs of students who desire (1) to pursue graduate work in biology, (2) to train for work in industry and government, (3) to prepare for professional training in the health sciences, and (4) to prepare for a teaching major or minor in secondary education.

Preprofessional Health Training

Admission to medical, dental, and most other health profession schools in the United States is very selective. Only students with excellent grades and admission test scores, knowledge of their health profession, and in most cases, health care experience are being admitted. Personal qualities and commitment are also important. ORU offers several preprofessional programs in the health sciences: premedical, predentistry, preoptometry, preveterinary, prepharmacy, prephysical therapy, and presports medicine.

ORU offers a biology major with concentrations in both premedicine and other health professions. In addition, students seeking to attend dental or veterinary school or obtain dental hygiene credentials are offered assistance with choosing courses appropriate for their plans. Proper advisement is necessary to adequately prepare the health preprofessional student for admission to professional school. Whether students are making an initial career decision or are changing their career goals, the Counseling Center and Placement Office and the Health Professions Advisor give personal help in selecting an appropriate career. The Health Professions 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, such as *Medical School Admissions Requirements and Admissions Requirements of U.S. and Canadian Dental Schools*.

Premedical and pre dental students should follow their own interests and aptitudes in selecting one of several recognized majors, such as biology, chemistry, biomedical engineering, psychology, or health and exercise science as a preprofessional route. The Biology Department can provide information about recommended courses and admissions requirements to various professional schools. All of these preprofessional programs provide a balanced liberal arts education with strengths both in science and humanities. Any major can be adapted to the premedical or pre dental 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 both medical and dental schools and should adequately prepare the student for taking the MCAT or DAT exam. Highly qualified students may be admitted to medical school after three years of undergraduate training.

All preprofessional programs at ORU start the student with a general set of courses based on the admission requirements of several representative schools in that field. 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 allow the inclusion of the appropriate courses in the student's program and, if ORU is unable to offer all of the necessary requirements, will help to determine when the student should transfer from ORU to the appropriate school to obtain these courses.

Premedical

Students are encouraged to major in biology, biomedical chemistry, chemistry, or psychology, with electives to be chosen in consultation with their advisor.

Predental

The predentistry program is similar to that for premedicine. A four-year program with a major in biology, biomedical chemistry, chemistry, psychology, health exercise science, or other majors and electives chosen to fulfill the unique requirements of the desired schools of dentistry is recommended.

A two-year recommended program is designed to meet the common prerequisites for most curricula in dental hygiene. A recommended course of study is available from the health professions advisor. ORU does not have a school of dental hygiene.

Preveterinary

The minimum college course prerequisites for consideration for admission to a college of veterinary medicine can usually be completed in three years. However, most of the entering preveterinary students in recent years have had four years or more of preparatory training. Therefore, we advise preveterinary students to complete a four-year degree program with a major in biology or biomedical chemistry. During the second year, any specific requirements of the desired school of veterinary medicine should be determined and scheduled for the junior and senior years.

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. One is with University of Oklahoma-Tulsa, which involves three years of study at ORU before being eligible 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 other agreement is with Southwest Baptist University (SBU). A student who completes a bac-

calaureate 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 classes, are taken at ORU and the remainder of the degree at OU-Tulsa. Information is available in the ORU Biology 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 classes, are taken at ORU and the remainder of the degree at OU-Tulsa. Information is available in the ORU Biology Department and at OU-Tulsa.

Other Health Professions

ORU offers assistance in degree planning for students planning to enter schools of pharmacy, 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 introductory biology, general chemistry, human anatomy, and human 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 the health professions advisor to develop a specific undergraduate curriculum to successfully meet their goal.

BIOLOGY MAJOR (BIO)

Bachelor of Science

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	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 (Health Fitness I and II, swimming course or proficiency, six electives)	5

General Education Total 55

Major

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
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	3
BIO 312	Ecology Lab	1
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, Washington, or 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	3
CHE 111	General Chemistry I 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
<i>Choice of one of the following courses:</i>		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

*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 (PMD)

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	3
BIO 310	Microbiology Laboratory	1
BIO 311	Genetics Lecture	3
BIO 311	Genetics Laboratory	1
BIO 411	Molecular Cell Biology Lecture	3
BIO 411	Molecular Cell Biology Laboratory	4

Concentration Total 15

Minor and/or Electives* 17-18

Degree Total 128

*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).

■ Health Professions Concentration (HP)

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	3
PHS 223	Human Anatomy Laboratory	1
PHS 224	Human Physiology Lecture	3
PHS 224	Human Physiology Laboratory	1

Concentration Total 8

Electives* 9-10

Degree Total 128

*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).

■ Environmental Concentration (ENV)

Students interested in preparing for work in environmental areas may minor in environmental studies (offered through the Engineering/Physics 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 has satellite campuses in western Washington, Chesapeake Bay, Africa, 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 Department has more information.

EVR 250	Environmental Science Lecture	3
EVR 250	Environmental Science Laboratory	1
EVR 450	Current Global Issues	3

Choice of one of the following: 3-4

CHE 300	Quantitative Analysis (lecture and lab) (4 hrs.)	
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

*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 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, Chemistry, or Engineering/Physics Departments, 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.

The science education major is designed for students wanting to teach science at the middle or high school levels. This program meets the State of Oklahoma specific requirements for certification in biology, chemistry, physics, and general or physical science. This major is offered in cooperation with the ORU School of Education; therefore, students interested in this major should work with both the advisor in this

department and with the School 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
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (PSC 201 and CHE 101 Honors)	8
Mathematics (MAT 113)	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 (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)	4.5
General Education Total	54.5

Major

BIO 111	Introduction to Biology Lecture	3
BIO 111	Introduction to Biology Lab	1
BIO 112	Introductory Biology II Lecture	3
BIO 112	Introductory Biology II Lab	1
BIO 312	Ecology Lecture	3
BIO 312	Ecology Lab	1
BIO 370	Methods in Biotechnology	1
CHE 111	General Chemistry I Lecture	3
CHE 111	General Chemistry I Lab	1
CHE 112	General Chemistry II Lecture	3
CHE 112	General Chemistry II Lab	1
PHS 223	Human Anatomy Lecture	3
PHS 223	Human Anatomy Lab	1
PHS 224	Human Physiology I Lecture	3
PHS 224	Human Physiology I Lab	1
PHY 101	General Physics I Lecture	3
PHY 101	General Physics I Lab	1
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. The advisor should be consulted for 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/CHE 429	Secondary Methods: Science	3

Professional Education Total 26

Degree Total 128.5

Biology Minor (BIO)

This program is designed for students majoring in another discipline, who desire a minor in biology.

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
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

Awards and Scholarships

In recognition of scholarship, leadership, and ORU lifestyle commitment, the Biology Department—individually as well as in collaboration with the Chemistry Department, Engineering, Physics, and Physical Science Department, and the Computer Science and Mathematics Department—annually honors outstanding students by presenting the following awards:

Outstanding Biology Senior Award: This recognizes the department's most worthy graduating senior.

Outstanding Biology Senior Paper: This recognizes the department's best senior research project.

James Wilkes Pugh Memorial Scholarship. This fund is designated for majors in the natural sciences who live in the Ozark regions of Missouri, Arkansas, and Oklahoma. This award is \$500 per year.

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.

Course Offerings

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 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 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 DEPARTMENT

Robert C. Stewart, Ph.D., *Chair*

MISSION STATEMENT: The mission of the ORU Chemistry Department is to educate students in a professional knowledge base of chemical concepts and in analytical laboratory skills—all aided and inspired by the power of the Holy Spirit—to solve problems in medicine, biochemistry, education, the environment, forensics, toxicology, energy, research and development, and other fields.

The vision of the ORU Chemistry Department is to provide a curriculum and educational environment that encourages professional competence in chemistry, coupled with Christian faith and practice, to help enable students to hear God's voice and to take His healing power into the world.

The ORU Chemistry Department honors the following core values:

- Informational accuracy and relevance to the major.
- Attention to detail within knowledge of the broader context.
- Development of a personal Christian worldview.
- Academic success coupled with growth in leadership and communication skills.

Departmental Outcomes—A graduate from the Chemistry Department at ORU 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 chemical problems using a working knowledge of chemical concepts to offer beneficial solutions.
- Evaluate potential solutions to chemical problems based on identified criteria.
- 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 chemistry 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.

The Chemistry Department offers courses of study leading to the bachelor of science degree in chemistry,

and biomedical chemistry. Students with a biomedical chemistry major must minor in biology. A student majoring in chemistry may minor in any area. Two concentrations are offered in the biomedical chemistry major: premedicine and research. The premedicine concentration is an excellent choice for health professionals. The research concentration is geared toward graduate school and the M.D.-Ph.D. programs. Students may choose to receive a bachelor of arts degree by meeting foreign language requirements in addition to the requirements listed for the bachelor of science degree. Two minors are offered, one in chemistry and one in biochemistry.

A senior paper and research course is required. The research is supervised by a faculty member. The Chemistry Department offers excellent preparation for challenging, exciting, and rewarding careers in many different areas.

Preprofessional Health Training

The ORU Chemistry Department offers a biomedical chemistry major with two concentrations: premedicine and research, designed for students pursuing careers in health professions. Admission to medical, dental, pharmacy, and most 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. Whether students are making an initial career decision or are changing their career goals, the Chemistry Department gives personal help in selecting an appropriate career.

Premedical

Students 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, biomedical chemistry, chemistry, biomedical engineering, psychology, or health and exercise science. The Chemistry Department can provide information about recommended courses and admissions requirements to various medical schools. There is no premedicine major at ORU; however, any major can be adapted to a premedical course of study by including the following courses: (1) MAT 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 should adequately prepare the student for the MCAT exam when taken within the selected major.

Most medical schools have unique preparatory requirements, so students are advised to obtain a catalog from each school to which they plan to apply in order to determine the exact requirements. The biomedical chemistry and chemistry majors allow the inclusion of the appropriate courses in the student's program.

Predental

A predental course of study follows the basic schedule for premedical. A four-year program with a 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 is recommended. The biomedical chemistry and chemistry majors prepare students for the DCAT.

Prepharmacy

As with premedical and pre dental, prepharmacy is a non-degree granting curriculum. The biomedical chemistry and chemistry majors contain all of the courses necessary to prepare for the PCAT.

Radiologic Technology

Articulation Agreement

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 classes, are taken at ORU and the remainder of the degree at OU-Tulsa. Information is available in the ORU Chemistry Department and at OU-Tulsa.

Other Health Professions

The Chemistry Department offers assistance to students considering various health science professions. Most of these professions now require students to have an undergraduate degree. Anyone planning a career in one of these fields should seek assistance in developing a specific undergraduate curriculum to successfully meet their goal.

BIOMEDICAL CHEMISTRY MAJOR (BMC)

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
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	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

Major

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
CHE 300	Quantitative Analysis Lecture	2

CHE 300	Quantitative Analysis Laboratory	2
CHE 303	Physical Chemistry I Lecture	3
CHE 303	Physical Chemistry I Laboratory	1
CHE 400	Chemical Instrumentation Lecture	2
CHE 400	Chemical Instrumentation Laboratory	2
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
<i>Choice of one of the following pairs:</i>		
PHY 101/102	General Physics I and II	8
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 (CHEP)

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	Synthesis (3 hrs.)	
<i>Choice of one or two of the following courses:</i> 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 (CHER)

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

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.

General Education

Personal Growth Assessment (GEN 099)	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6

Theology (THE 103)	3
Chemistry 111 (lecture and lab)	4
Chemistry 112 (lecture and lab)	4
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

Major

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
CHE 300	Quantitative Analysis Lecture	2
CHE 300	Quantitative Analysis Laboratory	2
CHE 303	Physical Chemistry I Lecture	3
CHE 303	Physical Chemistry I Laboratory	1
CHE 304	Physical Chemistry II Lecture	3
CHE 400	Chemical Instrumentation Lecture	2
CHE 400	Chemical Instrumentation Laboratory	2
CHE 449	Chemistry Research	1
CHE 452	Seminar	1
CHE 456	Inorganic Chemistry	3
CHE 499	Individual Research and Senior Paper	3
<i>Choice of two of the following courses:</i> 6		
CHE 454	Recombinant DNA Technology (3 hrs.)	
CHE 455	Oncological Chemistry (3 hrs.)	
CHE 459	Biochemistry Lecture (3 hrs.)	
CHE 473	Synthesis (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 sequences: 8

PHY 101/102	General Physics I and II (lecture and laboratory)	
PHY 111/112	Physics I and II (lecture and laboratory)	

Cognate Total 18

Electives Total 17

Degree Total 128

Chemistry Minor (CHE)

This program is designed for students majoring in another discipline who desire a minor in chemistry.

CHE 111	General Chemistry I Lecture	3
CHE 111	General Chemistry I 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
CHE 300	Quantitative Analysis Lecture	2
CHE 300	Quantitative Analysis Laboratory	2

Minor Total 20

Biochemistry Minor (BCHE)

This program is designed for students majoring in another discipline who desire a minor in chemistry.

CHE 111	General Chemistry I Lecture	3
CHE 111	General Chemistry I 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
CHE 459	Biochemistry Lecture	3
CHE 459	Biochemistry Laboratory	1

Minor Total 20

Awards and Scholarships

In recognition of scholarship, leadership, and ORU lifestyle commitment, the Chemistry Department—individually as well as in collaboration with the Biology Department; Engineering, Physics, and Physical Science Department; and the Computer Science and Mathematics Department—annually honors outstanding students by presenting these awards:

Outstanding Chemistry Student Award. This recognizes the outstanding graduating senior in chemistry.

Outstanding Biomedical Chemistry Student Award. This recognizes the outstanding graduating senior in biomedical chemistry.

Outstanding Chemistry Senior Project Award. This recognizes the student with the best senior project in chemistry.

Outstanding Organic Chemistry Student Award. This recognizes the student with the highest GPA for Organic I and II Lecture.

American Institute of Chemists Award. This is given to the outstanding chemistry student, based on GPA, character, leadership, and contribution to the department.

Chemical Rubber Company (CRC) Handbook Award. This recognizes the chemistry student with the highest GPA in General Chemistry I and II lectures.

James Wilkes Pugh Memorial Scholarship. This fund is designated for majors in the natural sciences who live in the Ozark regions of Missouri, Arkansas, and Oklahoma. This award is approximately \$500.

Course Offerings

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.

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 459	Biochemistry Lecture
CHE 459	Biochemistry Laboratory
CHE 458	Chemistry Internship
CHE 471	Structure and Bonding
CHE 473	Synthesis
CHE 474	Environmental Analysis
CHE 499	Individual Research and Senior Paper
CHE 999	Elective

COMPUTER SCIENCE AND MATHEMATICS DEPARTMENT

Kenneth Preston, Ed.D., *Chair*

MISSION STATEMENT: The Computer Science and Mathematics Department seeks to promote quantitative literacy, analytical reasoning, and technological competence. Students learn how to apply mathematical and computer knowledge to the solution of real world problems within the context of a Christian worldview.

The mission of the computer science major is to train students how to apply the fundamental principles of computer science as they learn how to design, develop, implement, operate, and maintain computer systems utilized in scientific, business, and systems programming applications.

The mission of the mathematics major is to educate students in the classical fields of mathematics such as algebra, calculus, geometry, probability, statistics, and discrete mathematics. The mathematics major aims to develop the knowledge, skills, and reasoning abilities necessary to pursue advanced studies in the area of pure mathematics and address applied mathematical problems in business, engineering, science, and other fields.

The mission of the mathematics education major is to equip teachers for assignments in grades 6 through 12 in private and public schools classroom settings through a diverse teacher preparation program. The three segments—general education, the subject area, and the professional education—are integrated to produce graduates with a comprehensive academic preparation who are inculcated with a Christian worldview.

The Computer Science and Mathematics Department offers majors and minors in both computer science and mathematics as well as a major in mathematics education. These disciplines assist students not only in understanding creation from a logical perspective, but also in identifying their roles in bringing healing to that creation through a moral and just application of technology.

COMPUTER SCIENCE MAJOR (CSC)

Bachelor of Science

The computer science curriculum is designed to provide (1) an appreciation for the impact of the computer on modern-day society, (2) a valuable tool for use in any discipline, (3) training for employment in the rapidly expanding computer industry, and (4) the background necessary for graduate work in computer science.

A management information systems major is listed in the School of Business section of this catalog, and a computer engineering curriculum is listed in the Engineering, Physics, and Physical Science section.

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Mathematics (MAT 201)	4
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
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

Major

CSC 111	Introduction to Computing	3
CSC 231	Computers and Programming	3
CSC 255	Data Structures	3
CSC 300	Senior Paper/Project Preparation	1
CSC 355	File Processing	3
CSC 455	Database Systems	3
CSC 499	Senior Paper/Project	2
CSC	Electives (300/400 level)	15

Major Total 33

Cognate

MAT 202	Calculus II	4
MAT 207	Discrete Mathematics	3
MAT 312	Linear and Matrix Algebra	3
Choice of one of the following three courses:		3
MAT 232	Elementary Statistics	
MAT 325	Probability and Statistics	
MAT	Elective (MAT 300 level or above)	

Cognate Total 13

Minor 18

Electives 8

Degree Total 128

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

Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	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 laboratory)	
CHE 111 and 112 (lecture and laboratory)	
PHY 111 and 112 (lecture and laboratory)	
American History (HIS 101)	3
American Government (GOV 101)	3
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
(Health Fitness I and II, swimming	
course or proficiency, six electives)	
General Education Total	55

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	Electives (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

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 School of Education; therefore, students interested in this major should work with both the advisor in this department and with the School 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

Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Mathematics (MAT 114)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Biology (BIO 101 or 111)	4
Physical Science (PSC 101)	4
Social Sciences (SOC 323)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Foreign Language Proficiency PRF 001	0
(exam or 102 level of a foreign language class)	
Health, Physical Education, and Recreation	4.5
(Health Fitness I and II, Basic	
First Aid/CPR, swimming course	
or proficiency, four electives)	
General Education Total	54.5

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

Computer Science Minor (CSC)

CSC 111	Introduction to Computing	3
CSC 231	Computers and Programming	3
CSC 255	Data Structures	3
CSC	Electives (CSC 300 level or above)	9
Minor Total		18

Mathematics Minor (MAT)

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

Awards

Outstanding Senior Awards: The Computer Science and Mathematics Department annually bestows the following awards to the outstanding graduating senior in each of the following majors: computer science, mathematics, and mathematics education.

Outstanding Senior Paper: This recognizes the department's best senior paper.

Alumnus of the Year: This recognizes the outstanding computer science/mathematics alumnus.

Course Offerings

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.

Computer Science

CSC 101	Computer Concepts
CSC 111	Introduction to Computing
CSC 112	Microcomputer Applications in Business
CSC 213	COBOL Programming
CSC 231	Computers and Programming
CSC 255	Data Structures
CSC 300	Senior Paper/Project Preparation
CSC 331	Computer Logic and Organization
CSC 351	Operating Systems Principles
CSC 353	Programming Languages
CSC 355	File Processing
CSC 375	Numerical Analysis
CSC 381	Systems Analysis
CSC 382	Systems Design
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 455	Database Systems
CSC 460	Object-Oriented Design
CSC 499	Senior Paper/Project
CSC 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 451	Mathematics Education Internship
MAT 499	Senior Paper/Project
MAT 999	Elective

ENGINEERING, PHYSICS, AND PHYSICAL SCIENCE DEPARTMENT

John Matsson, Ph.D., *Chair*

MISSION STATEMENT: The Engineering, Physics, and Physical Science Department seeks to provide students with the knowledge, skills, and experiences that will prepare them to enter directly into professional practice as Christian engineers, or into advanced studies in engineering, or other professional areas. This training equips students in the application of science and mathematics for the improvement of the physical world and enables graduates to enter the engineering and scientific communities and to contribute to the healing of the human condition. The department supports the overall university mission by developing analytical thinking and problem solving in science and engineering and by promoting understanding and reconciliation between the fields of science and theology.

The engineering program at ORU offers a bachelor of science in engineering (B.S.E.) degree with a mechanical, electrical, or computer engineering concentration, and bachelor of science (B.S.) degrees in biomedical engineering, engineering physics, and environmental engineering. The purpose of the engineering program is to provide students with an engineering education of the highest caliber, which will qualify them to enter directly into the professional practice of engineering, or into advanced studies in engineering or other professional areas. A distinguishing feature of the engineering program at ORU is the broad liberal arts base. This training equips graduates in the application of science and technology for the improvement of the physical world and enables graduates to enter the engineering and scientific communities and contribute to the healing of the human condition.

Engineering

Engineering is the application of mathematics and natural sciences to the solutions of relevant problems in society. Engineers are professionals who turn ideas into reality, designing products and processes that will be beneficial to people.

Engineering is a professional degree. As such, high academic performance is expected from engineering majors. Initial admission to the engineering major is provisional. Academic records of engineering majors are evaluated every semester. Students entering ORU as freshmen must have a cumulative GPA of 2.25 in required engineering, science, and math courses by the end of their third semester. Those who meet this criterion are placed on regular degree status in the spring semester of the sophomore year following a successful department interview. Transfer students must meet the above criterion by the end of their first semester at ORU in order to be placed on regular engineering major status. Those not meeting the criterion are placed on probation and given one more semester to bring their GPAs in engineering, science, and math to 2.25. Failure to meet these requirements results in the suspension of the student as an engineering major.

The engineering section of the department offers curricula leading to two distinct degrees: the bachelor of science in engineering (B.S.E.) and the bachelor of

science (B.S.). The bachelor of science in engineering (B.S.E.) degree is designed to prepare students to enter professional engineering practice and also to provide undergraduate instruction that will serve as an adequate foundation for graduate studies. This curriculum includes concentrations in electrical engineering, mechanical engineering, and computer engineering.

The bachelor of science (B.S.) degree program offers majors in biomedical engineering, engineering physics, and environmental engineering. The bachelor of science (B.S.) 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.

The engineering physics major is designed to provide the necessary tools for the student to become a professional physicist who may choose to enter industry, professional school, and/or graduate school. Application of physics concepts in engineering is emphasized in various courses. Students do a design or research project for the senior paper. Having been recently introduced, the environmental engineering major is not yet ABET accredited. Until the program receives accreditation, students are encouraged to complete a graduate degree before seeking employment in industry.

Since the majors offered are in preparation for professional practice, students should earn a grade of "C" or above in all courses except those listed under general education. A student needs approval of the department chair to repeat a course more than two times.

Physics/Physical Science/Environmental Science

The physics/physical science section of the department offers courses of study leading to the bachelor of science degree with majors in engineering physics and science education. Physics is the study of physical phenomena that occur in the universe. To understand the mechanisms that hold matter together at the level of everyday observations, at the atomic and subatomic levels or at the astronomical level, one needs a knowledge of physics. Principles of physics find wide application in other branches of science (e.g., chemistry, biology, medicine) and in all technology.

In addition, the department offers a minor in physics and a minor in environmental studies. Courses are also provided in earth science, geography, and physical science for nonscience majors.

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
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	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

*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

EGR 100 Engineering/Physics Seminar (8 semesters)*	0
EGR 101 Introduction to Engineering	2
EGR 140 Engineering Graphics	2
EGR 210 Network Analysis I Lecture	3
EGR 210 Network Analysis I Laboratory	1
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	3
PHY 112 Physics II Laboratory	1
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

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: In addition to the courses listed above, 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 (EE)

PHY 211 Introduction to Modern Physics Lecture	3
PHY 211 Introduction to Modern Physics Lab	1
EGR 222 Mechanics II: Dynamics	3
EGR 330 Control Systems	3
EE 311 Network Analysis II	3
EE 321 Electronics I Lecture	3
EE 321 Electronics I Laboratory	1
EE 322 Electronics II Lecture	3
EE 322 Electronics II Laboratory	1
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 363 Electromechanical Devices	
EE 450 Digital Signal Processing	
EE 462 Power Systems Design	
EGR 331 Design of Control Systems	
CMPE 441 Microprocessor Systems Design	
CMPE 443 Computer Architecture	
Electrical Engineering Concentration Total	40

■Mechanical Engineering Concentration (ME)

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	3
EE 321 Electronics I Laboratory	1
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 (CE)

PHY 211 Introduction to Modern Physics Lecture	3
PHY 211 Introduction to Modern Physics Laboratory	1
CSC 255 Data Structures	3
CMPE 340 Digital Systems	4
CMPE 441 Microprocessor Systems Design	3
CMPE 443 Computer Architecture	3
EE 321 Electronics I	4
EE 322 Electronics II	4
EE/CMPE/CSC Electives	15

Concentration Total 40

Degree Total 137

BIOMEDICAL ENGINEERING MAJOR (EGRB)

Bachelor of Science

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	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

Major

EGR 100 Engineering/Physics Seminar (8 semesters)*	0
EGR 101 Introduction to Engineering	2
EGR 140 Engineering Graphics	2
EGR 210 Network Analysis I Lecture	3
EGR 210 Network Analysis I Laboratory	1
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	3
EE 321 Electronics I Laboratory	1
EE 322 Electronics II Lecture	3
EE 322 Electronics II Laboratory	1
EE 360 Electromagnetic Theory	3
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 112 Physics II Lecture	3
PHY 112 Physics II Laboratory	1
BIO 111 Introduction to Biology I Lecture	3
BIO 111 Introduction to Biology I Laboratory	1
BIO 112 Introduction to Biology II Lecture	3
BIO 112 Introduction to Biology II Laboratory	1
PHS 223 Human Anatomy and Physiology I Lecture	3
PHS 223 Human Anatomy and Physiology I Laboratory	1
PHS 224 Human Anatomy and Physiology II Lecture	3
PHS 224 Human Anatomy and Physiology II Laboratory	1
Major Total	70

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

*All students must enroll in the seminar course each semester they are enrolled in this major.

ENGINEERING PHYSICS MAJOR (EGRP)

Bachelor of Science

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Chemistry (CHE 111 lecture and laboratory)	4
Chemistry (CHE 112 lecture and laboratory)	4
Mathematics (MAT 201)	4
American History (HIS 101)	3

American Government (GOV 101)	3	Health, Physical Education, and Recreation	5
Social Sciences Elective (BUS 201 recommended)	3	(Health Fitness I and II, swimming course or proficiency, six electives)	
Health, Physical Education, and Recreation	5		
(Health Fitness I and II, swimming course or proficiency, six electives)			
General Education Total	56	General Education Total	56

Major		Major	
PHY 111 Physics I Lecture	3	EGR 100 Engineering/Physics Seminar (8 semesters)*	0
PHY 111 Physics I Laboratory	1	EGR 101 Introduction to Engineering	2
PHY 112 Physics II Lecture	3	EGR 140 Engineering Graphics	2
PHY 112 Physics II Laboratory	1	EGR 210 Network Analysis I Lecture	3
PHY 211 Modern Physics Lecture	3	EGR 210 Network Analysis I Laboratory	1
PHY 211 Modern Physics Laboratory	1	EGR 221 Mechanics I: Statics	3
PHY 302 Heat and Thermodynamics	3	EGR 222 Mechanics II: Dynamics	3
PHY 311 Mechanics I: Statics	3	EGR 252 Engineering Computational Methods	3
PHY 312 Mechanics II: Dynamics	3	EGR 498 Senior Design and Research I	2
PHY 321 Electronics I Lecture	3	EGR 499 Senior Design and Research II	2
PHY 321 Electronics I Laboratory	1	EVE 410 Environmental Engineering	3
PHY 331 Electromagnetic Theory	3	EVE 420 Hydrology	3
PHY 341 Advanced Physics Laboratory	1	EVR 250 Environmental Science	4
PHY 401 Optics	3	ME 441 Fluid Mechanics	3
PHY 402 Quantum Mechanics	3	EE 321 Electronics I Lecture	3
PHY 498 Senior Research and Design I	2	EE 321 Electronics I Laboratory	1
PHY 499 Senior Research and Design II	2	CHE 112 General Chemistry II Lecture	3
PHY/EGR Electives (upper division)	3	CHE 112 General Chemistry II Laboratory	1
EGR 100 Engineering/Physics Seminar (8 semesters)*	0	CHE 211 Organic Chemistry I Lecture	3
EGR 101 Introduction to Engineering	2	CHE 211 Organic Chemistry I Laboratory	1
EGR 140 Engineering Graphics	2	CHE 212 Organic Chemistry II Lecture	3
EGR 210 Network Analysis I Lecture	3	CHE 212 Organic Chemistry II Laboratory	1
EGR 210 Network Analysis I Laboratory	1	PHY 112 Physics II Lecture	3
EGR 252 Engineering Computational Methods	3	PHY 112 Physics II Laboratory	1
		PSC 201 Earth Science Lecture	3
		PSC 201 Earth Science Lab	1
		BIO 111 Introduction to Biology I Lecture	3
		BIO 111 Introduction to Biology I Laboratory	1
		BIO 310 Microbiology Lecture	3
		BIO 310 Microbiology Lab	1
		BIO 312 Ecology Lecture	3
		BIO 312 Ecology Lab	1
Major Total	53	Major Total	70

*All students must enroll in the seminar course each semester they are enrolled in this major.

Minor		Cognate	
MAT 202 Calculus II	4	MAT 202 Calculus II	4
MAT 211 Differential Equations	3	MAT 211 Differential Equations	3
MAT 312 Linear and Matrix Algebra	3	MAT 323 Biostatistics	3
MAT 321 Calculus of Functions of Several Variables	4		
MAT 325 Probability and Statistics	3	Cognate Total	10
		Degree Total	136
Minor Total	17		
Electives	6		
Degree Total	132		

*All students must enroll in the seminar course each semester they are enrolled in this major.

ENVIRONMENTAL ENGINEERING MAJOR (EGRV)

Bachelor of Science

General Education	Credit Hours
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	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

Physics Minor (PHY)

This program is designed for students majoring in another discipline who desire a minor in physics.

PHY 111 Physics I Lecture	3
PHY 111 Physics I Laboratory	1
PHY 112 Physics II Lecture	3
PHY 112 Physics II Laboratory	1
PHY 211 Introduction to Modern Physics Lecture	3
PHY 211 Modern Physics Laboratory	1
PHY Electives (upper division)	6
Total	18
Cognate	
MAT 201 Calculus I	4
MAT 202 Calculus II	4
Cognate Total	8
Minor Total	26

Environmental Studies Minor (ENVS)

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 and Physics 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.

EVR 250 Environmental Science Lecture	3
EVR 250 Environmental Science Lab	1
BIO 312 Ecology Lecture	3
BIO 312 Ecology Lab	1
EVR 450 Current Global Issues Seminar	3
CHE 101 or 111 Chemistry I Lecture	3
CHE 101 or 111 Chemistry I Lab	1
<i>Choice of one course from the following:</i>	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 250 lecture and lab combination may be taken as honors lab science course to meet 4 hours of general education requirements.

Awards and Scholarships

In recognition of scholarship, leadership, and ORU lifestyle commitment, the Engineering, Physics, and Physical Science Department—individually as well as in collaboration with the Biology Department, Chemistry Department, and the Computer Science and Mathematics Department—annually honors outstanding students by presenting these awards:

Outstanding Senior Awards: The Engineering/Physics Department annually honors a graduating senior in each of the following majors: engineering, engineering physics, biomedical engineering, and environmental engineering. The department also recognizes the overall outstanding graduating senior.

Outstanding Research Design Project: This recognizes the department's best senior research project.

Science Faculty/Alumni Scholarship: This award of approximately \$600 is granted to one rising sophomore, one rising junior, and one rising senior from the Biology Department, Chemistry Department, and the

Engineering, Physics, and Physical Science 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 Department, Chemistry Department, and the Engineering, Physics, and Physical Science Department) who live in the Ozark regions of Missouri, Arkansas, and Oklahoma. This award is approximately \$500.

American Society of Mechanical Engineers Scholarship: This award, given to a junior or senior in the Engineering/Physics Department, is based on academic merit and financial need.

Course Offerings

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 Studies
- CMPE 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 Studies
- 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 Engineering

- EVE 410 Environmental Engineering
- EVE 420 Hydrology
- EVE 999 Elective

Environmental Science

- EVR 250 Environmental Science Lecture
- EVR 250 Environmental Science Laboratory
- EVR 450 Current Global Issues Seminar
- 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

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 Studies
- 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 which 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.

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.

Objectives

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.

Aerobics

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.

Programs

In addition to the physical activity courses and aerobics requirements for all students, the Health, Physical Education, and Recreation Department offers four majors: (1) health and exercise science, (2) health and physical education, (3) recreation administration,

and (4) sport management. In addition, for those interested in sports preventive medicine or rehabilitation, emphases in prephysical therapy and presports medicine are offered.

The requirements for the bachelor of science degree with a major in HPE are 128 to 129 semester hours and one student assistantship.

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.

HEALTH AND EXERCISE SCIENCE MAJOR (HES)

Bachelor of Science

The health and exercise science major requires general education courses, courses in the major, a cognate, and a choice of three areas of concentration: exercise specialist, prephysical therapy, and presports medicine. Students also have choices in electives.

General Education		Credit Hours
Personal Growth Assessment (GEN 099)		0
English (ENG 101, 305)		6
Oral Communication (COM 101)		3
Humanities (HUM 111, 112, 213, 214)		12
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
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; 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

*CHE 111 is required for prephysical therapy and presports medicine concentrations.

**The presports medicine concentration requires MAT 201. Exercise specialist and prephysical therapy take MAT 232.

***Prephysical therapy and presports medicine students need to take PSY 201 for the social sciences elective.

Major		Credit Hours
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		Credit Hours
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 (ES)		Credit Hours
HPE 481	Internship in Health and Exercise Science	12
Concentration Total		12
Minor and/or Electives		21
Degree Total		128

■ Prephysical Therapy Concentration (PT)		Credit Hours
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 (PM)

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
Personal Growth Assessment (GEN 099)		0
English (ENG 101, 305)		6
Oral Communication (COM 101)		3
Humanities (HUM 111, 112, 213, 214)		12
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
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

Major		Credit Hours
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	<i>Cognate</i>		
HPE 482	Internship in Recreation Administration	5	ACT 215	Principles of Financial Accounting	3
HPE 499	Research in HPE (Senior Paper)	3	BUS 201	Principles of Economics I	3
<i>Choice of six of the following courses:</i>		12	COM 300	Organizational Communication	3
HPE 228	Theory of Coaching (2)		CSC 112	Microcomputer Applications in Business	3
HPE 318	Psychology of Sport (2)		MGT 130	Principles of Management	3
HPE 353	Theory and Analysis of Teaching Soccer/Volleyball (2)		MKT 130	Principles of Marketing	3
HPE 354	Theory and Analysis of Teaching Track and Field/Weight Training (2)		MKT 346	Sales Management	3
HPE 356	Theory and Analysis of Teaching Aquatics (2)		MMC 225	Principles of Public Relations	3
HPE 357	Theory and Analysis of Teaching Football/Badminton (2)				
HPE 358	Theory and Analysis of Teaching Golf (2)				
HPE 359	Theory and Analysis of Teaching Tennis/Pickleball (2)				
HPE 360	Theory and Analysis of Teaching Softball/Basketball (2)				
Major Total		44	Cognate Total	24	
<i>Cognate</i>			Minor and/or Electives	19	
CSC 112	Microcomputer Application in Business	3			
Cognate Total		3	Degree Total	128	
Minor and/or Electives		26			
Degree Total		128			

SPORTS MANAGEMENT MAJOR (SMGT)

Bachelor of Science

<i>General Education</i>		<i>Credit Hours</i>		
Personal Growth Assessment (GEN 099)		0		
English (ENG 101, 305)		6		
Oral Communication (COM 101)		3		
Humanities (HUM 111, 112, 213, 214)		12		
Biblical Literature (BLIT 110, 120)		6		
Theology (THE 103)		3		
Laboratory Science (lecture and lab)		8		
Mathematics (MAT 232)		3		
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		
<i>Major</i>				
HPE 200	Introduction to HPE	3		
HPE 206	Introduction to Sports Management	3		
HPE 233	Safety and First Aid	3		
HPE 306	Sports Facility and Event Management	3		
HPE 315	Organization and Administration of Programs	3		
HPE 318	Psychology of Sport	2		
HPE 343	Leadership in Sports and Leisure Services	3		
HPE 416	Legal and Ethical Aspects of Sport and Leisure	2		
HPE 483	Internship in Sports Management	5		
HPE 499	Research in HPE (Senior Paper)	3		
Major Total		30		

ACT 215	Principles of Financial Accounting	3
BUS 201	Principles of Economics I	3
COM 300	Organizational Communication	3
CSC 112	Microcomputer Applications in Business	3
MGT 130	Principles of Management	3
MKT 130	Principles of Marketing	3
MKT 346	Sales Management	3
MMC 225	Principles of Public Relations	3
Cognate Total		24
Minor and/or Electives		19
Degree Total		128

HEALTH AND PHYSICAL EDUCATION MAJOR (HPE) with K-12 Teaching Licensure

Bachelor of Science

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.

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.

<i>General Education</i>		<i>Credit Hours</i>		
Personal Growth Assessment (GEN 099)		0		
English (ENG 101, 305)		6		
Oral Communication (COM 101)		3		
Humanities (HUM 111, 112, 213, 214)		12		
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		
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		

<i>Major</i>		
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 PE	3
HPE 316	Kinesiology and Biomechanics	3
HPE 320	Prevention and Care of Sports Injuries	3
HPE 324	Exercise Physiology	3
<i>Choice of six of the following courses:</i>		12
HPE 228	Theory of Coaching (2)	
HPE 318	Psychology of Sport (2)	
HPE 353	Theory and Analysis of Teaching Soccer/Volleyball (2)	
HPE 354	Theory and Analysis of Teaching Track and Field/Weight Training (2)	
HPE 356	Theory and Analysis of Teaching Aquatics (2)	
HPE 357	Theory and Analysis of Teaching Football/Badminton (2)	
HPE 358	Theory and Analysis of Teaching Golf (2)	
HPE 359	Theory and Analysis of Teaching Tennis/Pickleball (2)	
HPE 360	Theory and Analysis of Teaching Softball/Basketball (2)	
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 (HES)

This program is designed for students majoring in another discipline 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 (HPR)

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

Sports Management Minor (SMAN)

HPE 206	Introduction to Sport Management	3
HPE 306	Sports Facility and Event Management	3
HPE 315	Organization and Administration of Programs	3
HPE 318	Psychology of Sport	2
HPE 343	Leadership in Sports and Leisure Services	3
HPE 416	Legal and Ethical Aspects of Sport and Leisure	2
HPE	Upper Division Elective	3
Minor Total		18

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, recreation administration, and sport management.

Outstanding Health, Physical Education, and Recreation Senior Paper: This recognizes the department's best senior research project.

Course Offerings

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 013 Intermediate/Advanced 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 032 Beginning Gymnastics
HPE 036 Scuba
HPE 037 Scuba Rescue
HPE 039 Scuba Master Diver
HPE 042 Creative Aerobics
HPE 045 Pilates for Christians
HPE 046 Equestrian
HPE 047 Intermediate Equestrian
HPE 048 Advanced 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 101 Fitness for Life I
HPE 102 Fitness for Life II
HPE 120 Dance Aerobic Proficiency
HPE 124 Lifeguarding
HPE 200 Introduction to Health, Physical Education, and Recreation
HPE 202 Introduction to Leisure Services
HPE 206 Introduction to Sports Management
HPE 228 Theory of Coaching
HPE 231 Personal Health Science
HPE 233 Safety and First Aid
HPE 306 Sport Facility and Event Management
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 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 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 402 Exercise Prescription For Special Populations
HPE 412 Techniques of Health Fitness Evaluation
HPE 416 Legal and Ethical Aspects of Sport and Leisure
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 483 Internship in Sport Management
HPE 499 Research in HPE (Senior Paper)
HPE 999 Elective

Graduate Health, Physical Education

- GHPE 503/703 Graduate Health Fitness
GHPE 515/715 Graduate Aerobics
GHPE 525/725 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
HPE 099 Aerobics Proficiency
HPE 120 Dance Aerobic Proficiency

SCHOOL OF THEOLOGY AND MISSIONS

Thomson K. Mathew, D.Min., Ed.D., Dean
Cheryl L. Iverson, Ph.D., Associate Dean
Ken Mayton, Ed.D., Assistant Dean

MISSION STATEMENT: Oral Roberts University School 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 Blain.....Assistant Professor of Christian Education
B.A., Central Bible College, 1970; B.S.N., University of Tulsa, 1974; M.A., Oral Roberts University, 1990.
Carol Johnson.....Assistant Professor of Pastoral Care and Counseling
B.A., Asbury College, 1967; M.A.R., Asbury Theological Seminary, 1970; M.A., Eastern Kentucky University, 1983; D. Min., Lexington Theological Seminary, 1986.
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.
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.....Associate 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.....Associate 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.
David Dorries.....Professor of Church History and Theological Librarian
B.A., Baylor University, 1971; M.A., Andover Newton Theological School, 1974; Ph.D., University of Aberdeen, 1988.

Yeol Soo Eim.....Professor of Missions and Director of D.Min. Korean Program
B.A., Hannam University, 1972; M.A., Fuller Theological Seminary, 1983; D. Miss., 1986.
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 and Assistant Dean
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. Howard M. Ervin, 1966-2006
Dr. Oon-Chor Khoo, 1977-1996

UNDER-GRADUATE 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.

Basic to the purpose of Oral Roberts 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 at Jerusalem University College in Israel. Through the mission internship program, students can visit other countries for the summer or for a full semester. The mission internship program is designed to provide practical experience in a mission environment. Ministry internships are also available. The latter program is also available to majors from other departments.

Areas of Study

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 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.

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.

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	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

<i>Major</i>		
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.

<i>Cognate</i>		
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.

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	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

<i>Major</i>		
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

<i>Cognate</i>		
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.

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.

<i>General Education</i>	<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	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

<i>Major</i>		
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
<i>Cognate</i>		
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

Students with this major take general education courses (61 hours), a minor and/or electives (19 hours), the major (30 hours), and the cognate (18 hours) that corresponds with the student's choice of concentration: (1) educational ministries, (2) church administration, or (3) evangelism and outreach.

<i>General Education</i>		<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)		0
English (ENG 101, 305)		6
Foreign Language (2 semesters including 203)		6
Oral Communication (COM 101)		3
Humanities (HUM 111, 112, 213, 214)		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
<i>Major</i>		
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 (EDM)

The educational ministries concentration is designed to prepare students for leadership and serv-

ice 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
<i>Choice of two of the following courses:</i>		6
CHRM	Elective	
MISS	Elective	
THE 401	Ethics	
<i>Choice of one of the following courses:</i>		3
CHRM 317	Introduction to Youth Ministry	
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 313	Systematic Theology I	3

Cognate Total 18

■ Church Administration Concentration (CHAD)

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
<i>Choice of one of the following two courses:</i>		3
CHRM 305	Teaching the Bible	
CHRM 340	Sermon Preparation and Preaching	
<i>Choice of two of the following courses:</i>		6
CHRM	Elective	
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 313	Systematic Theology I	3
CHRM 399	Signs and Wonders	3

Cognate Total 18

■ Evangelism and Outreach Concentration (EVO)

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	Evangelism and the Local Church	3
MISS 404	Church Growth and Planting	3
<i>Choice of two of the following courses:</i>		6
CHRM	Elective	
MISS	Elective	
THE 401	Ethics	
<i>Choice of one of the following courses:</i>		3
CHRM 305	Teaching the Bible	
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 313	Systematic Theology I	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 (PCM)

Bachelor of Arts

Students with this major take general education courses (61 hours), a minor and/or electives (19 hours), the major (30 hours), and the cognate (18 hours) that corresponds with the student's choice of concentration: (1) local church pastor, (2) missions, (3) pastoral care, and (4) youth ministry.

<i>General Education</i>		<i>Credit Hours</i>
Personal Growth Assessment (GEN 099)		0
English (ENG 101, 305)		6
Foreign Language (2 semesters including 203)		6
Oral Communication (COM 101)		3
Humanities (HUM 111, 112, 213, 214)		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 5
(Health Fitness I and II, swimming course or proficiency, six electives)

General Education Total 61

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 (LCP)

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 315 Pastoral Care 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

Concentration Total 27

Cognate

BIB 306 Hermeneutics 3
BIB Old Testament elective 3
BIB New Testament elective 3
THE 217 Research Seminar 3
THE 313 Systematic Theology I 3
THE 401 Ethics 3

Cognate Total 18

■ Missions Concentration (MISS)

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
THE 217 Research Seminar 3
THE 313 Systematic Theology I 3
Choice of one of the following two courses: 3
CHRM 305 Teaching the Bible
CHRM 340 Sermon Preparation and Preaching

Cognate Total 18

■ Pastoral Care Concentration (PC)

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 313 Systematic Theology I 3

Cognate Total 18

■ Youth Ministry Concentration (YMIN)

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
CHRM/BIB/THE/MISS Electives 9
Choice of one of the following courses: 3
CHRM 305 Teaching the Bible
CHRM 340 Sermon Preparation and Preaching

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 313 Systematic Theology I 3

Cognate Total 18

Minor and/or Electives* 19

Degree Total 128

*One to two hours of electives may be met by a direct-ed 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 leads the student into a topical, systematic, and historical approach to theology. Courses in this major give students a comprehension of the Christian past and an understanding of the theological dimension of Christian faith and its contemporary expressions. The 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.

General Education Credit Hours

Personal Growth Assessment (GEN 099) 0
English (ENG 101, 305) 6
Foreign Language (2 semesters including 203) 6
Oral Communication (COM 101) 3
Humanities (HUM 111, 112, 213, 214) 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, Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives) 5

General Education Total 61

Major

THE 313	Systematic Theology I	3
THE 314	Systematic Theology II	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
THE	Electives	9
THE 499	Senior Paper	3
Major Total		30

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	
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.

English Bible Minor (BLE)

This minor is designed for students who are not Biblical literature majors.

BIB 306*	Hermeneutics	3
BIB	Electives**	15
Minor Total		18

**Electives need to be divided somewhat equally between the Old and New Testaments.

*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.

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 (BLO)

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 (BLN)

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 (BLAN)

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 preseminary minor vary according to the major; however, the following courses must be included in the student's program, either in the major or preseminary 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 (EDM)

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 (CHAD)

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 (EVO)

CHRM 335	Introduction to Evangelism	3
CHRM 430	Evangelism and the Local Church	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 (CMM)

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 (PC)

BIB 305	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
<i>Choice of one of the following</i>		3
CHRM 313	Prayer Ministry of the Caregiver	
CHRM 324	Pastoral Care	

Minor Total 18

*BIB 306 must be taken unless it is required in the student's major.

Youth Ministry Minor (YMIN)

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	3
<i>Choice of two of the following courses:</i>		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

*BIB 306 must be taken unless it is required in the student's major.

Church History/Systematic Theology Minor (CHST)

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

Awards

In recognition of scholarship, leadership, and ORU lifestyle commitment, the Theology Department annually honors outstanding students by the presentation of 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.

Course Offerings (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 300	History and Philosophy of Christian Education
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 333	Spiritual Warfare and the Practices of Ministry
CHRM 335	Introduction to Evangelism

CHRM 338	Prayer-Based Ministry in the 21st Century
CHRM 340	Sermon Preparation and Preaching
CHRM 360	Biblical Foundations of Worship and Prophetic Leadership

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	Evangelism and the Local Church
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 Ministries
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 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 402	Divine Healing
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 464	Prayer
THE 473	Theology and Philosophy in Modern Culture
THE 499	Senior Paper
THE 999	Elective

GRADUATE PROGRAM-- SEMINARY

ORU School of Theology and Missions (Seminary) provides sound academic, theological, and Biblical education with a distinctive charismatic dimension. Students are trained not only to be academically competent, but also 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 attempt to provide Biblical understanding, theological insight, and ministry preparedness in an atmosphere of caring accountability.

Statement of Purpose

The ORU School 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. The goal of the school 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."

Mission Statement

Oral Roberts University 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.

Purpose and Rationale

As a multi-denominational Seminary, the ORU School 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 continue with personal uniquenesses to effectively relate to each student's sphere of influence. The School 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 goal of the School of Theology and Missions, therefore, is to prepare men and women who know the Bible, who have a deep compassion for people, and who, through personal charismatic experiences, can interpret to the Church and society Biblical truth in light of the present-day movement of the Holy Spirit. In other words, it is not only important to teach and to inform but

also to place knowledge as a tool for ministry at the disposal of the Holy Spirit for relevant application.

Importantly, the School 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 school for each graduate is to carry the vital message of renewal that Oral Roberts envisioned to places "where God's light is seen dim, where His voice is heard small, where His power is not known."

Why a Graduate School of Theology and Missions at Oral Roberts University?

The School 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 is a statement by Chancellor Oral Roberts on "Why a School of Theology and Missions at Oral Roberts University?" which 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.

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 spiritual formation is the strong advisement program that assigns a minimal number of 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. A specific program for spiritual formation has been designed for use in the group meetings. 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 degree programs:

Master of Divinity (M.Div.)

The master of divinity degree is the basic professional degree for ministry. It prepares people to be effective as pastors, evangelists, chaplains, missionaries, and ministers. It is the professional degree for ordained ministry.

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

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. A joint degree program allows students to gain an area of expertise for future ministry. The section titled Dual

Degrees in the Academic Information section of this catalog has more information.

Admission and Readmission

Admission Requirements

Admission requirements for the masters degree programs vary to some extent; however, applicants to any of the masters 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
- Scores from Miller Analogies Test or the Graduate Record Examination (taken within the past 5 years)
- 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 decide that some applicants may need 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.

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 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.

Semester Load

The normal course load for a student in the Seminary is 12.5 to 15.5 semester hours, except for students in the master of divinity program who normally carry an academic load of 15.5 semester hours.

All students must enroll in at least 12 semester hours each semester to be considered full-time. No student may enroll in more than 18.5 semester hours in a given semester without the approval of the faculty advisor and the associate dean.

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. There is a \$10 fee for the administration of each comprehensive examination.

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.

Students enrolled in a full-time course load are charged a fee for auditing an additional course. A full-time Seminary student may audit one course in the Seminary curriculum per semester at no charge. 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. For scheduling reasons, however, students may select to enroll in a two-semester sequence of Health Fitness I, followed by Health Fitness II. In these courses 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

All students enrolled in a masters-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. The Holy Spirit in the Now course deals with part of the basic theological beliefs and lifestyle unique to Oral Roberts University. All students in the Seminary need to enroll in the course during their first semesters of residency.

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." For this reason, masters degree students are required to take GTHE 508 Signs and Wonders and the Healing Ministry. These courses include practical, contemporary demonstrations of Biblical concepts from the life of Jesus and the Book of Acts.

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 masters-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 immediately in GTHE 517 Seminar in Theological Research Methods. Passing this course constitutes satisfying this proficiency requirement. The proficiency requirement 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). 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

The process of professional 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. The primary aim of assessment is to provide an opportunity for the students—with the assistance of faculty and peers—to evaluate and measure their development in preparation for professional ministry. The basic areas of this progress are professional competence, ministry involvement, academic accomplishment, and personal/spiritual development. Understanding student strengths and challenges in preparation for ministry is the goal of the assessment process.

Identification of areas of need and direction for future growth should be the result of assessment in three stages: entry level, mid-level, candidacy level. At each level, competencies have been established for four components: (1) Spirit-filled living, (2) academic excellence, (3) professional competence, and (4) cultural relevance.

The entry-level assessment occurs during the first semester of enrollment and includes general orientation to Seminary life. The mid-level assessment occurs during the second semester (for M.A. students) and during the first semester of the second year of enrollment (for M.Div. students). The candidacy level assessment should be completed during the last two semesters: Students enrolled in PRF 058 in the next-to-the-last semester, and Professional Presentation occurs during the last semester. Part-time students may follow a general guideline of 12-15 hours to represent a semester of attendance. Each assessment stage must be completed.

ed before enrollment in the next level. These levels are more fully explained in the following section.

Assessment I (Entry Level)

The core of the assessment process is the intentional advisor/advisee consideration of student progress at three intervals in the academic program. Students are enrolled in PRF 056 Assessment I during their first semester. Requirements include participation in weekly *koinonia* groups, the first assessment interview with an advisor, the completion of the Myers-Briggs Type Indicator (MBTI), and a self-reflection paper. Completion of PRF 059 ePortfolio: Personal Growth Assessment, an orientation to the university ePortfolio, is also required.

In the first assessment reflection paper, students describe their personal relationship with Christ, their call to ministry, their awareness of diverse social and cultural contexts, and their awareness of professional requirements for their chosen ministry. Designated members of administration and faculty address these subject areas in large group sessions. Before the end of the semester, students schedule an interview with an assigned advisor to discuss their completed First Assessment Questionnaire. Students identify personal and professional goals they plan to accomplish while completing their Seminary program. Copies of the First Assessment Questionnaire and the MBTI interpretive report are kept in the Graduate Theology office.

Assessment II (Mid Level)

Students enroll in PRF 057 Assessment II during their second semester (for M.A. students) or their third semester (for M.Div. students). In the second assessment self-reflection paper, students analyze spiritual growth and their MBTI results in relationship to their spiritual journey and their ministry calling. Also considered are personal and ecclesial aspects of ministerial vocation and participation in diverse social/cultural contexts. Attendance is required at sessions with special speakers who discuss these areas.

In the second advisor interview, students discuss how their personal calling has become more defined and reflect on spiritual growth since attending the ORU School of Theology and Missions. The Myers-Briggs personality type is discussed in relationship to personal ministry. Students review their progress in achieving the personal and professional goals identified during the first assessment. This interview may be completed during the second or third assessment.

Assessment III (Candidacy Level)

One semester prior to the final semester, students enroll in PRF 058 Assessment III. In the third assessment self-reflection paper, students analyze the degree to which they have attained a definite call to an area of ministry, participated in ministry acts of mercy and justice, developed skill and flexibility in working in diverse contexts, integrated Spirit-led practices in leadership and ministry settings, and developed a personal and professional code of ethics for life and ministry. Attendance is required at sessions with special speakers who discuss aspects of these areas. The student also evaluates the degree to which personal and professional goals were achieved during Seminary enrollment. The advisor assesses the third assessment self-reflection paper according to the criteria of an established rubric as posted in the electronic form of the ORU School of Theology and Missions Assessment Handbook. Students provide documentation of their participation and leadership in ministry and their development of professional skills.

Two additional student-selected artifacts are sub-

mitted for Assessment III. One is a course paper selected to demonstrate theological reflection, and the second is a course paper selected to demonstrate sound scholarship and critical thinking. The student is responsible to electronically submit the paper on ePortfolio to the course professor, where it is assessed according to the respective rubric.

Before the student receives a "pass" for the third assessment, all of the above requirements must have been satisfactorily met. Some master of arts programs have specialized requirements relative to discipline-specific knowledge of a field of study. If deficiencies are noted, the student may be required to take additional courses in the degree program.

A second component of Assessment III, Professional Presentation (PRF 062), occurs during the final semester of enrollment. The student writes a paper that describes the overall Seminary experience and discusses it with a professor of choice. A final dialogue between candidates for graduation and the deans of the Seminary is scheduled at the conclusion of the final semester. Students must satisfactorily meet requirements at all three levels of assessment to graduate.

ePortfolio

The electronic portfolio (ePortfolio) is the primary tool for recording and assessing student achievement of learning outcomes. As an assessment tool, the ePortfolio helps students to become familiar with the ORU School of Theology and Missions outcomes and proficiencies and to understand how the outcomes contribute to the achievement of the mission statement for the university.

All students entering the Seminary are required to enroll in PRF 059 ePortfolio: Personal Growth Assessment, which provides specific training to develop the skills needed to create an ePortfolio. Throughout their academic programs, each student maintains an electronic record of progress in achieving the School of Theology and Missions' outcomes. Various artifacts have been designated to assess the extent to which proficiencies have been developed.

The ePortfolio documents each student's progress through the achievement of competencies at three stages: the entry level, the mid level, and the candidacy level. Samples of student work (called "artifacts") demonstrate the achievement of competencies at each of these levels in four primary areas: (1) Spirit-filled living, (2) academic excellence, (3) professional competence, and (4) cultural relevance. A self-reflection paper is posted electronically as an artifact during each of the three assessment semesters. Advisors assess the artifacts for Assessment I, Assessment II, and Assessment III. The remaining artifacts are evaluated by professors of their respective courses. Advisors/professors use established rubrics to assess uploaded artifacts. Students must receive a "pass" on all required artifacts prior to graduation.

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 658 Field Education, 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 Adult Learning Service Center (ALSC) for more information.

A few endowed **Restricted Scholarships** scholarships are available for students meeting specific academic, denominational, and/or other requirements established by the donors. Students can contact the Adult Learning Service Center (ALSC) 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

The master of divinity degree (M.Div.) is the basic professional degree for the 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 for ministry within their particular traditions, churches, or cultures in an interdenominational setting to broaden awareness of the Body of Christ.
- To prepare candidates with a comprehension of the content of Scripture and the tools and methods to interpret Biblical revelation responsibly and perceptively and thus provide a foundation for a theological understanding and practice of ministry.
- To balance Biblical and theological training with the practical ministry skills of preaching, teaching, counseling, worship, leadership, administration, etc., which are essential for effective ministry.
- To enable students to develop a theology and theory of ministry that is relevant to the context of their callings and backgrounds.
- To equip candidates with the Biblical, theological, and ethical understanding necessary to analyze and discuss contemporary, theological, and social issues affecting the Church and society.
- To allow students the freedom to experience the work of the Holy Spirit in their personal lives, to discover and develop their own unique spiritual gifts, and to integrate the gifts and power of the Spirit into their theological studies and ministries.
- To encourage a lifestyle of wholeness that emphasizes spiritual formation, academic excellence, and physical fitness.

Modular Program

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 master of divinity students who are already in full or part-time ministry positions. It is also true for those students who live far from campus. Thus, the fully accredited modular master of divinity program is especially designed for individuals who desire to continue their education but cannot relocate to Tulsa.

Intensive one-week modules (on-campus courses) offered each month throughout the year enable students to integrate classes into their personal calendars. These modular sessions are held Monday-Friday from 8:30 a.m.-5:00 p.m. daily, usually the second or third week of each month. Students choose which months they will be able to come to campus. Thus, a modular

student does not necessarily come to campus each month. 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.

A total of 18 on-campus courses are required. The remaining courses are done via distance education (internet or directed study courses). 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. In order to complete the degree within five years, students need to take three or four on-campus courses and two distance education courses each year. The degree can be completed in three or four years if the student is able to take a heavier course load.

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 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 to discuss students' successes and problems. Students receive guidance in dealing creatively with problems they have encountered and in integrating their academic studies with practical experiences. The ministry/reflection emphasis encourages students to take the initiative in establishing and evaluating 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 87.5 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 Third 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, 87.5 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 field education for three semesters after 50% of their coursework is complete. Twelve semester hours of open elec-

tives are provided to all students to bridge deficient areas or enhance areas of interest.

<i>Prerequisite/Leveling Courses*</i>	<i>Credit Hours</i>
<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 551 Old Testament Synthesis	3
GBIB 571 New Testament Synthesis	3
GBIB Greek/Hebrew Synthesis I	3
GBIB Greek/Hebrew Synthesis II	3
PRF 052/053 Biblical Language Proficiency	0
GBIB Language/Translation elective	3
GBIB Elective	3
<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
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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
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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 658 Field Education (General)	1
FED 672 Field Education (Church)	1
FED 673 Field Education (Community)	1
<i>Choice of one of the following courses:</i>	3
PRM 549 Foundations of Christian Education	
PRM 551 Christian Education	

Practices of Ministry Total	26
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ORU Distinctive Courses	
PRF 059 ePortfolio: Personal Growth 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	7.5
Electives	12

Degree Total	87.5
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*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.

Master of Arts

The ORU School of Theology and Missions offers two master of arts programs, the Academic Program and the Professional Program.

M.A. Academic Programs

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 masters 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 750 or GTHE 750.

Graduation Requirements

Before candidates for the academic master of arts degrees graduate, they must pass at least 51 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 assist students in developing personal hermeneutical and exegetical positions to be used in acquiring a comprehensive understanding of Old and New Testament content. 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.

The Master of Arts in Biblical Literature is structured to give students a broad spectrum of hermeneutical and exegetical perspectives, tools, and methods to interpret Biblical content responsibly and perceptively. 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 masters 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
PRF 053 Greek Proficiency	0
GBIB 510 Hebrew Synthesis I	3
GBIB 511 Hebrew Synthesis II	3
PRF 052 Hebrew Proficiency	0
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
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 masters degree.)

	Credit Hours
GBIB 517 Seminar in Theological Research	3
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)	
Prerequisites/Leveling Total	21

ORU Distinctive Courses

All students in the Master of Arts in Biblical Literature program take these ORU distinctive courses:

	<i>Credit Hours</i>
PRF 059 ePortfolio: Personal Growth 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 6

*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.

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	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 (MLIT)

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: (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	24

■ Advanced Languages Concentration (MAL)

	<i>Credit Hours</i>
<i>Choice of twelve hours from the following:</i>	12
GBIB 581 New Testament Hermeneutics and Exegesis (Greek)	
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 (MJCS)

	<i>Credit Hours</i>
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	51

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.)

	<i>Credit Hours</i>
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.)	

Prerequisites/Leveling Total 12-15

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.

	<i>Credit Hours</i>
PRF 059 ePortfolio: Personal Growth 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 6

*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.

	<i>Credit Hours</i>
GTHE 624 Christian Apologetics	3
GTHE 681 Historical Theology	3
GTHE Theological language (French/German)	3
PRF 052/053 Biblical Language Proficiency	0
GTHE 756 Thesis Research	1
GTHE 757 Thesis Writing	2
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 51

M.A. Professional Programs

The master of arts degree can be earned in the following professional degree programs:

- Christian Counseling (with an optional concentration in marital and family counseling)
- 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 57 or 63 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. Participation in the graduation ceremonies is required of all candidates.

CHRISTIAN COUNSELING (MCC)

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 Course

PRF 059	ePortfolio: Personal Growth Assessment	0
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		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.

Biblical and Theological Foundations

GBIB 505	Introduction to Old Testament Literature	3
GBIB 506	Introduction to New Testament Literature	3
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
Biblical and Theological Total		19

Professional Counselor (MPC)

PRM 623	Ethics and Professional Issues in Counseling	3
PRM 625	Counseling Theories	3
PRM 635	Human Growth and Development	3
PRM 670	Abnormal Human Behavior	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/Counseling	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	Psychopathology	3
<i>Choice of one of the two following courses:</i>		3
PRM 627	Crisis Counseling	
PRM 645	Counseling the Elderly	3
Licensure Total		15

Marital and Family Therapy Concentration (MFT)

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	Abnormal Human Behavior	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 642	Family Therapy	3
PRM 676	Marriage Counseling	3
PRM 764	Marital and Family Therapy Practicum*	3
PRM 782	Marital and Family Therapy Internship*	3
PRM 784	Counseling Research	3
Applications Total		18

Degree Total 63

*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 work-

ers in the local church. (Credit hours from prerequisite courses do not apply toward the graduate degree.)

<i>Prerequisite/Leveling Courses</i>	<i>Credit Hours</i>
PRM 551 Introduction to Christian Education**	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.)	
Prerequisites/Leveling Total	3-6

**This prerequisite may be met by 12 semester hours of education courses at the baccalaureate or graduate levels.

<i>ORU Distinctive Courses</i>	<i>Credit Hours</i>
PRF 059 ePortfolio: Personal Growth 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	6

*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.

<i>Christian Education Studies</i>	
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 505 Introduction to Old Testament Literature	3
GBIB 506 Introduction to New Testament Literature	3
GBIB 507 Biblical Hermeneutics	3
GTHE 518 Introduction to Theology	3
GTHE/GBIB Electives	6
PRM Missions/church growth/evangelism elective	3
Cognate Total	21
Degree Total	57

MISSIONS (MAM)

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-cultural 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. (Credit hours from prerequisite courses do not apply toward the graduate degree.)

<i>Prerequisite/Leveling Courses*</i>	<i>Credit Hours</i>
GBIB 505 Introduction to Old Testament Literature	3
GBIB 506 Introduction to New Testament Literature	3
GTHE 518 Introduction to Theology	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.)	
Prerequisites Total	9-12

*Credit hours from prerequisite courses do not apply toward the graduate degree.

ORU Distinctive Courses

PRF 059 ePortfolio: Personal Growth 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	6

*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.

Missions Studies

	<i>Credit Hours</i>
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

GBIB 507 Biblical Hermeneutics	3
GBIB Electives	6
GTHE Elective	3
GTHE Theology/Biblical literature electives	6
Cognate Total	18
Degree Total	57

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.

<i>Prerequisites*</i>	<i>Credit Hours</i>
<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

	<i>Credit Hours</i>
PRF 059 ePortfolio: Personal Growth 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	6

*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.

Practical Theology Studies

	<i>Credit Hours</i>
FED 750 Ministry Practicum	3
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
<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 Introduction to New Testament Literature	
<i>Choice of one of the following two courses:</i>	3
PRM 560 Teaching the Word	
PRM 663 Text to Sermon	
	3

<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		57

*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. This is evident in the nature of the seminars, workshops, and research clinics. It is most evident in the applied research project in which most of the research, experimentation, and writing is done at the place 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.

Korean Language Program

The Doctor of Ministry program is available to Korean students planning to minister in Korean-speaking contexts who wish to complete the degree through a bilingual delivery system. Lectures and materials are provided in both English and Korean. Translators assist in all phases of the program. Korean students complete the academic and residency requirements of the standard curriculum designed and controlled by the resident faculty. Residency requirements are met through on-campus sessions offered primarily in the summer. A Korean Language Program fee is added to provide for additional costs.

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 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

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.

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.

Degree Requirements

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
<i>Choice of one of the following:</i>		.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 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 (DPCC)

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 (DCML)

DMIN 730	Equipping the Church for Ministry	3
DMIN 732	Leading for Ministry Effectiveness	3
DMIN 735	Communicating the Gospel	3
DMIN 785	Foundations of Ministry Research	3
Concentration Total		12
Degree Total		37.5

Program Format

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 (DPCC) and Church Ministries and Leadership (DCML). 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 Equipping the Church for Ministry (DCML)

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.

Course Offerings

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 Equipping the Church for Ministry

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 658 Field Education (General)

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

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 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 756 Thesis Research

GBIB 757 Thesis Writing

GBIB 754 Coptic Studies

GBIB 755 Classical Egyptian

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 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 749 Directed Study

GTHE 756 Thesis Research

GTHE 757 Thesis Writing

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
 GTHE 999 Elective

Practices of Ministry—Administration

PRM 793 Church Administration

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 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

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 Abnormal Human Behavior
 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 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 053 Greek Proficiency
 PRF 056 Assessment I
 PRF 057 Assessment II
 PRF 058 Assessment III
 PRF 061 Counseling Comprehensive
 PRF 062 Assessment III Professional Presentation

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 hour

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.

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.)
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.)
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.

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.

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.)
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.)
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.)

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.)
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.)
Prerequisites: ART 101 and 213.
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.)
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.)
Prerequisite: ART 213.
Course fee: \$40.

ART 218 Graphic Design I 3 credit hours

A study of typography and graphic design. Students work in a variety of media. (Class contact for lecture and studio—6 hours.)
Prerequisites: ART 101 and 213.
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.)
Course fee: \$40.

ART 280 Future Media 3 credit hours

Emphasizes new media communications technologies and emerging career opportunities that are now being generated by interactive, immersive, multi-story, multi-media technologies. Uses historical perspectives to examine predicted future trends. Focuses on experience-based learning. (Crosslisted with MMC 280 and MUS 280.)

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.)
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.)
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.)
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.)
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.

ART 318 Graphic Design II 3 credit hours

A study of graphic design's relationship with the advertising disciplines. Practical application of basic graphic design skills through the completion of a self-promotional advertising campaign. (Class contact for lecture and studio—6 hours.)
Prerequisite: Art 218.
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.)
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.)

Course fee: \$40.

ART 353**Practicum Infield Study I****3 credit hours**

Provides the graphic design student with the opportunity to work with art professionals while going into every person's world, gaining experience in a real workplace in either a secular or Christian art department setting. Tasks range from the mundane to actually participating in graphic design productions.

Prerequisites: Art 218, 318, 440, and 450, and permission of instructor.

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. (Crosslisted with MMC 363.) (Class contact for lecture and studio—6 hours.)

Prerequisites: Art 101, 102, and 213.

Course fee: \$40.

ART 440**Computer Graphics (DTP)****3 credit hours**

A course specifically designed to provide the graphic design major with the skill to use the computer in creating graphics for the print industry. The work in this course is done on both the Macintosh and Intel PC platforms. (Class contact for lecture and studio—6 hours.)

Prerequisite: Art 218.

Course fee: \$40.

ART 444**Web Design****3 credit hours**

Covers the 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, but not limited to, HTML, CSS, FTP, multimedia integration and usability.

Prerequisite: ART 440.

ART 450**Computer Graphics (DTV)****3 credit hours**

A course specifically designed to provide the graphic design major with the skill to use the computer to create graphics for on-screen presentations. The work in this course is done on both the Macintosh and Intel PC platforms. (Class contact for lecture and studio—6 hours.)

Prerequisite: Art 440.

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 II****10 credit hours**

Provides the senior graphic design student with the opportunity to work full time for an entire semester in a fully equipped, state-of-the-art graphics studio, producing art and design projects for an international media ministry.

Prerequisite: Art 353 and permission of the instructor.

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.

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: \$35.

BE 450**Special Topics****3 credit hours**

Courses of current interest.

Prerequisite: Instructor's approval.

Course fee: \$35.

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: \$30

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 the 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 project. 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 CHE 112 lectures and labs; BIO 111 and BIO 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,

ity, 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. The course also 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 hours

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 discussion 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 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.

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 SLLE.)

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 SLLE.)

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 SLLE.)

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 SLLE.)
 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 SLLE.)

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 SLLE.)

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 SLLE.)

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 SLLE.)

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 SLLE.)

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 SLLE.)

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 SLLE.)

CCC 430
Special Issues In Counseling
3 credit hours

The study of contemporary problems, trends, or innovative developments in Christian counseling. (Offered only through SLLE.)

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, solubility, 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.
 Corequisite: CHE 303 Lab.

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 212 Lecture and Lab, and MAT 201.
 Corequisite: 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 and Lab.

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.

Corequisite: CHE 459 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 212 Lecture and Lab

Corequisite: 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**Synthesis****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 300**History and Philosophy of Christian****Education****3 credit hours**

A study of the historical development of Christian education from its Biblical beginnings to the present. Presents the emerging philosophies of education in order to aid the student in developing a personal philosophy of education.

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, 261, and 306.

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: Junior or senior standing.

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: CHRM 306; 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 333
Spiritual Warfare and the Practices of Ministry
3 credit hours

Studies the war that the Bible makes extremely clear that the Church of Jesus Christ is involved in. The Old Testament is full of stories of warfare. This is but a type of the activities in the spirit realm today. Encourages students to view the spiritual conflict as part of daily life.

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 360
Biblical Foundations of Worship and Prophetic Leadership
2-3 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.

CHRM 398
Ministry Practicum
3 credit Hours

Supervised ministry in a local church or other ministry setting under the auspices of an assigned mentor. The supervised activities are ministries in the 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
Evangelism and the Local Church
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: BIB 306, CHRM 337, CHRM 335; junior or senior standing.

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: Junior or senior standing.

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 ministry. 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 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.

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: \$35.

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; CSC 331.

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 105
Drama/Television/Film Performance Seminar
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.

COM 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.

COM 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.

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 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.

COM 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.

COM 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.

COM 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.

COM 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.

COM 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.

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 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.

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 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.

COM 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.

COM 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.

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

A study of the theory and practice of developing interviewing skills appropriate to a broad range of interviewing 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 mass media, and a strategy for research.
Prerequisite: COM 101.

COM 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.

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 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.

COM 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: COM 216.

COM 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.

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 being used in industry today, and the elements that constitute successful training in the development of successful organizations.
Prerequisite: COM 300.
Course fee: \$10.

COM 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.

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 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.

COM 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.

COM 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.

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.

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 213
COBOL Programming
3 credit hours

A study of the applications of structured programming principles and techniques using the COBOL programming language. Topics include algorithm design, pseudocode, program structure charts, testing, program documentation, table manipulation, subprograms, sorting, file maintenance, and report writing.
Prerequisite: CSC 111.

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 of the 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

rent 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 355
File Processing
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, hash addressing, and B-trees.
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 381
Systems Analysis
3 credit hours

An overview of the system development life cycle. Emphasis on current system documentation through the use of both classical and structured tools/designs, input and output designs, and program specifications. Discussion of the information gathering and reporting activities and of the transition from analysis to design.
Prerequisite: CSC 111.

CSC 382
Systems Design
3 credit hours

Advanced study of structured systems development. Emphasizes strategies and techniques of structured design for producing logical methodologies for dealing with complexity in developing information systems.
Prerequisite: CSC 381.

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 455
Database Systems
3 credit hours

An introduction to the 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, and reliability.
Prerequisite: CSC 355.

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

DANCE
PERFORMANCE
(DANP)

DANP 100
Beginning Ballet
1 credit hour

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 credit hour

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 credit hour

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 credit hour

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, creative 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
.05 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 credit hour

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 credit hour

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 credit hour

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 credit hour

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 credit hour

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 credit hour

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 formulating 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
Equipping the Church for Ministry
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 faculty 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.

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: \$35.

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: \$35.

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: \$35.

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: \$35.

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, introductory computer programming using Matlab, and introductory economics and ethics of engineering practice.

Course fee: \$35.

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: \$35.

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: \$35.

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: \$35.

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: \$35.

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: EGR 101.
 Course fee: \$35.

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: \$35.

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: \$35.

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.
 Corequisites: EGR 461 and senior standing.
 Course fee: \$35.

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.)
 Prerequisites: EGR 461 and 498.
 Course fee: \$35.

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 342
Motor Learning, Games, and Activities Methods
2 credit hours

A course designed to develop a knowledge in motor

learning, elementary games, and activities essential to the growth and development of the elementary age child. Presents knowledge, skills, and techniques for instruction in a variety of activities. Includes a practicum. (Offered only to students completing the bachelors of science degree in elementary education through distance education.)

ELE 343
Fine Arts Methods
(Art, Music, Drama)
3 credit hours

A study of ways to nurture informed awareness of works of art and develop a more discriminating appreciation of theater, music, and visual arts. Uses a workshop approach with teacher demonstration, student presentation, and class activities. (Offered only to students completing the bachelors of science degree in elementary education through distance education.)

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 364
Mathematics Methods
3 credit hours

Focuses on methods and materials used in teaching mathematics to students in grades K through 8. Presents the pedagogical framework for teaching various mathematical topics by involving the adult learner in activities that have implications for teaching children. Issues studied include the history of mathematics education, how children learn mathematics, cultural issues, and assessment, as well as methods and material relevant to specific topics such as number readiness, operations with various number sets, problem solving, geometry, and measurement. (Offered only to students completing the bachelors of science degree in elementary education through distance education.)
 Prerequisites: MAT 151, 221, 222, and 232.

ELE 383
Science Methods
3 credit hours

A course designed to familiarize students with the scientific concepts normally encountered in the school curriculum and the lab materials and equipment required in teaching science from early childhood through grade 8. (Offered only to students completing the bachelors of science degree in elementary education through distance education.)

ELE 393
Social Studies Methods
3 credit hours

A study of content, methods, and materials used in the teaching of social studies from early childhood through grade 8 and trends in concept development and problem-solving. Opportunity for observation in school classrooms may be provided. (Offered only to students completing the bachelors of science degree in elementary education through distance education.)

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 100****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. (Must receive a "C" or higher to continue in ENG 101.)

Lab fee: \$30.

ENG 101**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 ENG 100 with at least a "C," or 70% on ORU placement exam (available only for students without scores on ENG 100 course grades).

ENG 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.)

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 305**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 ENG 101 or equivalent.

ENG 307**Culture and the Christian Imagination**
3 credit hours

Explores various Christian approaches to art and aesthetics. Develops students' critical thinking and writing skills using 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 are relevant to 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 pres-

ent 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 490
Senior Paper Research
1 credit hour

The first of a two-course sequence designed to provide English and writing majors with an opportunity to do specialized research in literature, writing, or the English language. Includes instruction in research and bibliographical procedures and prepares students for writing the senior research paper.

Prerequisite: Junior or senior English or writing major.

ENG 499
Senior Paper/Composition
2 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.

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. (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. (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 250 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 250
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 250 Laboratory.

EVR 250
Environmental Science Laboratory
1 credit hour

Demonstrates the practical and technical aspects of data acquisition for environmental analysis.

Corequisite: EVR 250 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 250 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.

FIELD EDUCATION (FED)

FED 501

Teaching Methodology 0 credit hours

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 658

Field Education (General) 1 credit hour

An introduction to the field education program. Students develop skills in journaling and in the preparation and presentation of case studies. (Field education ministry opportunities are scheduled through the office of the Director of Oral Roberts University Field Education.)

Prerequisite: PRM 673; three semesters of graduate theological education.

Course fees: Background check, \$25.50; liability insurance, \$15.

FED 672

Field Education (Church) 1 credit hour

A course enabling the student to integrate and employ Biblical/theological principles, practices of ministry, and charismatic empowerment in diverse contexts of supervised 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: FED 658 and three semesters of graduate theological education.

Course fees: Background check, \$25.50; liability insurance, \$15.

FED 673

Field Education (Community) 1 credit hour

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: FED 658 and three semesters of graduate theological education.

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.

Prerequisite: PRM 673 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 person-

al 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 GBSU 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 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.
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, adminis-

trators, 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 related 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 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 para-

bles 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 reading and grammar. Examines the Greek text of the Gospel of Matthew and emphasizes vocabulary, syntax, and grammar. Analyzes the style of Matthew and considers Semitisms, Greek idioms, and the background of the Gospel text. The grammar is studied inductively as the need arises in the reading and the translation of the text.

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, structure, 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. 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 contempo-

rary professional. Focuses on written communication, public speaking, meditation, 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, 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 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.Mgt. 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.Mgt. students.)
Prerequisite or corequisite for M.MGT students: GBUS 504.

Prerequisites for M.MGT. students: GMGT 561 and GMKT 564 with a grade of C or better; completion of 18 hours toward the Master of 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 interacts with government and society.

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
Economic Theory
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.

Prerequisites: BUS 201 and GMGT 585.

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.

Prerequisite: GMGT 585.

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 Christian Schools
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 098
Introduction to LifeLong Education
0 credit hours

Orients the student to distance learning, university outcomes, philosophy of assessment, and the electronic portfolio (ePortfolio). Acquaints the student with the technology skills needed for the ePortfolio. (Offered only through SLLE's External Degree Program.)

GEN 099
Personal Growth 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.

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 the SLLE's External Degree Program.)

GEN 105
Critical Thinking in the Liberal Arts
1 credit hour

Focuses on the development of the critical thinking skills needed for success in a student's calling in life. Prerequisite: Permission of instructor.

GEN 111
University Success
2 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 the SLLE's External Degree Program.)

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 SLLE's External Degree Program.)

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 SLLE's External Degree Program.)

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.

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 workplace, 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, 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, 304.

GER 407**Lyric Poetry****3 credit hours**

A study of German lyric poetry from 1600 to the present.

Prerequisite: GER 303, 304.

GER 409**German Novel****3 credit hours**

A study of the German novel from the 18th century to the present.

Prerequisite: GER 303, 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 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 Non-Profit 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
.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
.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
.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
.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 six "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 non-profit 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.

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.)

MGMT 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.)

MGMT 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.

MGMT 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: MGMT 561

MGMT 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.

MGMT 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.

MGMT 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
Marketing 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.

GMKT 534
Promotional Marketing
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.

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.

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 and the role of a Christian.

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 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: Major in K-12 or secondary education.

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
Portfolio/Seminar
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
Evaluation for Administrators
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
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 stud-

ies 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 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
with Practicum
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 I
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. (This is the first of two courses.)

GTHE 509
Signs and Wonders and
the Healing Ministry II
1-2 credit hours

A continuation of GTHE 508. (This is the second of two courses.)

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 Politics
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 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 discipling 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 through SLLE only.)

HISTORY (HIS)

HIS 101 American History Survey 3 credit hours

An introduction of the main political, economic, social, foreign policy, and cultural developments in American history since 1760. Students develop a personal synthesis of American history. (Honors sections are available for this course.)

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 331 Middle Ages and the Renaissance, A.D. 476-1530 3 credit hours

An examination of the religious, social, political, and economic aspects of the times from the fall of Rome to the advent of the Reformation throughout Europe. The Middle Ages are studied primarily for the Christian, his-

torical, and philosophical continuity and disparity that gave rise to the Renaissance.

HIS 332 Age of the Reformation, 1450-1648 3 credit hours

A study of the religious, social, political, and economic aspects of the times as they set the stage for the Reformation and Counter-Reformation. Emphasizes the development and significance of the establishment of religious toleration.

HIS 333 Early Modern Europe, 1648-1815 3 credit hours

A survey of the foundations of Modern Europe, with emphasis on Absolutism, the Enlightenment, and the era of the French Revolution. Emphasizes ideas and events that influenced more recent times.

HIS 334 Europe, 1815-1914 3 credit hours

An intensive study of Europe from 1815 to 1914. 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 the cataclysm of 1914.

HIS 335 Europe, 1914-Present 3 credit hours

Focuses on events in and beyond Europe since 1914 that relate directly to European nations, such as World War II and the dismantling of colonialism. Emphasizes main historical themes and events and gives some attention to subjects of less significance to Europe, such as Europe's role in the Middle East.

HIS 336 Central and Eastern Europe, 1866-Present 3 credit hours

Focuses on the political, diplomatic, social, and intellectual development of central and east central Europe since 1866. Traces the interplay among leading personalities, institutions, and spreading "isms"—Nazism, Marxism, and others—as well as events since World War II.

HIS 337 Russia and the Soviet Union 3 credit hours

Covers the history of Russia, 1700-1917, and the Soviet State, 1917-1991. Emphasizes the background and events of the 1917 revolutions, the establishment of the Soviet regime, and the development of agriculture, industry, education, foreign policy, and the evolution of the Communist Party.

HIS 341 Colonial America: The English Colonies, 1607-1763 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 transplantation of English culture to the eastern frontier of the New World during the 17th and 18th centuries. Presents the roles French and Spanish civilizations played in forging the new Anglo-American character.

HIS 342
The American Revolution and the Early National U.S., 1763-1830
3 credit hours

An examination of the causes and events of 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., 1830-1877
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, 1877-1929: 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 346
United States Economic History
3 credit hours

A comprehensive treatment of the important trends in national economic growth from 1790 to the present.

HIS 347
U.S. Social and Intellectual History
3 credit hours

A course synthesizing the United States' cultural development within the context of American history. Studies include music, art, architecture, theology, philosophy, religion, physical sciences, life sciences, and social, political, and economic theory.
 Prerequisite: HIS 101.

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 451
Department Seminar: America
3 credit hours

Examines issues in American history and culture and emphasizes student research.

HIS 452
Department Seminar: Europe
3 credit hours

Examines issues in European history and culture and emphasizes student research.

HIS 453
Department Seminar: Middle East
3 credit hours

Examines issues in Middle Eastern history and culture and emphasizes student research.

HIS 454
Department Seminar: Latin America
3 credit hours

Examines issues in Latin American history and culture and emphasizes student research.

HIS
Department Seminar: Asia
3 credit hours

Examines issues in Asian history and culture and emphasizes student research.

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 region.

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 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 hours

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
- HPE 012 Bowling
- HPE 013 Intermediate/Advanced 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 032 Beginning Gymnastics
- HPE 033 Intermediate/Advanced Gymnastics
- 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 048 Advanced Equestrian
- HPE 049 Soccer
- 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
- 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

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 206
Introduction to Sports Management
3 credit hours

An overview of the field of sports management. Covers the types of careers, training, experiences, course of study, as well as characteristics of a successful sports manager.

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 306**Sports Facility and Event Management****3 credit hours**

Develops practical competencies necessary to effectively manage sporting facilities and events. Includes theoretical discussions and hands-on experience.

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 func-

tion 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 350-356**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 416**Legal and Ethical Aspects of Sport and Leisure****2 credit hours**

Introduces sport management students to basic legal and ethical principles. Covers legal basics, including contract law principles, general tort theories, general criminal law practices, fundamentals of Title IX, relevant disability-related statutes, antitrust and labor issues in sport, intellectual property issues in sport, and religious issues related to sport. Includes ethical concepts and theories and provides a background for making ethical decisions.

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 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 483
Internship in Sport Management
2-5 credit hours

Involvement in organizing and administering sport programs in one of several areas: event management, facilities and operations, marketing, and public relations. (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; 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: Senior HPE major and ENG 305.

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 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. (Honors sections are available for this course.)

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. (Honors sections are available for this course.)

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. (Honors and writing-intensive sections are available for this course.)

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. (Honors and writing-intensive sections are available for this course.)

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 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.

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.

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 SLE's 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, geometry, 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 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. (Crosslisted with PSY 432.)

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

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: \$35.

ME 331
Applied Thermodynamics
3 credit hours

The application of the principles of thermodynamics to components and systems. Examples include pumps, compressors, engines, turbines, and electricity-generating power plants. Students conduct lab experiments and optimize the design of a steam power plant. Also covers thermodynamics of high speed flows. (Crosslisted with PHY 453.)

Prerequisite: EGR 231.

Course fee: \$35.

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: \$35.

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: \$35.

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: \$35.

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: \$35.

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: \$35.

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: \$35.

ME 450
Special Topics
3 credit hours

Courses of current interest.

Prerequisite: Instructor's approval.

Course fee: \$35.

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.

Prerequisite: Junior standing.

Course fee: \$35.

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 activi-

ty. 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.

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. (Crosslisted with GMGT 553.)

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.

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.

MANAGEMENT INFORMATION SYSTEMS (MIS)

MIS 212
Advanced Business Microcomputer Applications
3 credit hours

Emphasizes advanced word processing techniques, building advanced spreadsheet templates for business concerns, building user-friendly applications in conjunction with a database, and preparing effective presentations using graphics software.

Prerequisite: A basic knowledge of word processing, spreadsheets, and database products.

MIS 347
Network Management
3 credit hours

An application of networking concepts related to the management of local area networks. Includes topics related to planning, implementing, installing, managing, and maintaining local area networks.

MIS 451
Management Information Systems Internship
1-3 credit hours

A special problem in management information systems 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: A major in management information systems.

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 220 or 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.

Prerequisite: MKT 130.

MKT 346
Sales Management
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
Fundamentals in Mass Media Communication
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 107
Newswriting I
3 credit hours

Introduces students to newspaper, reporting, and writing.

Prerequisites: MMC 104 and typing ability.

Course fee: \$20.

MMC 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.

MMC 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.

MMC 205
Writing for Mass Communication
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.

MMC 208
Broadcast News
3 credit hours

Studies basic 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: MMC 107, 127, 205, 317, and typing ability.

Course fee: \$40.

MMC 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 Communicator* under the guidance and critical evaluation of the professor/advisor associated with the publication.

Prerequisite: MMC 107.

Course fee: \$20.

MMC 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.

MMC 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.

MMC 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.

MMC 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.

MMC 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.

MMC 219**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.

MMC 220**Principles of Advertising
3 credit hours**

An introduction to the profession of advertising. Students learn basic terminology, the fundamental roles of advertising in the communication process, how it

works as an element of marketing, the functions and effects of advertising in business, the influence of economics on the evolution of advertising, and advertising's overall impact on the society in which it operates.

MMC 221**Advertisement and Marketing in
Telecommunication
3 credit hours**

A study of the problems of product promotion, program distribution, and sale of air time in radio and television.

MMC 222**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.

MMC 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.

MMC 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.

MMC 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.

MMC 280**Future Media
3 credit hours**

Emphasizes new media communications technologies and emerging career opportunities that are now being generated by interactive, immersive, multistory, multimedia technologies. Uses historical perspectives to examine predicted future trends. Focuses on experience-based learning. (Crosslisted with MMC 280 and MUS 280.)

MMC 304**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: \$2,200.

MMC 305**Editing for Print
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.

MMC 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.

MMC 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.

MMC 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.

MMC 317**Newswriting II
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.

MMC 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.

MMC 321**Mass Media Law
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.

MMC 322**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.

MMC 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.

MMC 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.

MMC 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.

MMC 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.

MMC 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 the 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. (Crosslisted with ART 363.) (Class contact for lecture and studio—6 hours.)

Course fee: \$40.

MMC 412**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 soft-

ware. Principal tools include Macromedia Director/Flash/Dreamweaver, Adobe Premiere/After Effects/Photoshop/Illustrator software.

Prerequisites: Instructor's permission.

Course fee: \$40.

MMC 416**Advertising Layout and Design
3 credit hours**

An introduction to foundational theories and practical application of principles of advertising and marketing for print.

Prerequisites: MMC 220,225, and typing ability.

Course fee: \$40.

MMC 417**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.

MMC 421**Integrated Marketing
Communication
3 credit hours**

Covers all forms of communication relevant to the customer and prospect, including personal selling, sales promotion, public relations and publicity, direct marketing, advertising, and cyber marketing.

Prerequisite: Junior or senior standing.

MMC 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.

MMC 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.

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 437**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.

MMC 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.

MMC 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.

MMC 457**Advanced Field Production/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.

MMC 489**Mass Communication Strategies
and Design
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 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 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.)

Prerequisite: Department approval.

Course fee: \$250 per credit hour.

MUS 061-089 Performance Groups 0-1 credit hour

Band, choir, orchestra, or ensemble.

MUS 061	Chamber Singers*
MUS 062	Men's Chorus
MUS 063	University Chorale*
MUS 064	Women's Chorus*
MUS 065	Orchestra*
MUS 066	Oratorio***
MUS 067	Wind Ensemble*
MUS 072	TV Singers
MUS 073	Opera Theatre*
MUS 075	Jazz Ensemble*
MUS 077	Basketball Band
MUS 080	Guitar Ensemble*
MUS 081	String 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)

Instrument use fee: \$55.

*Music ensemble fee: \$40.

***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 .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 .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 sunmediant 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 reper-

toire, 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.

Corequisite: PRF 100

Prerequisite: MUS 127 or equivalent.

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 stu-

dent 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 tech-

niques 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 280
Future Media
3 credit hours

Emphasizes new media communications technologies and emerging career opportunities that are now being generated by interactive, immersive, multistory, multimedia technologies. Uses historical perspectives to examine predicted future trends. Focuses on experience-based learning. (Crosslisted with MMC 280 and MUS 280.)

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.

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 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 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. Senior recital fee: \$100.

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
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.

NUR 300
Health Assessment
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
2 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 401
Professional Transition
2 credit hours

A course designed to facilitate student's transition from associate degree nursing to baccalaureate nursing education.

Familiarizes the student with the theory of nursing for the whole person, which provides the conceptual framework of the nursing curriculum. Addresses current issues relevant to professional nursing practice.

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.

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 individual, 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, 300, 301, 304, 305, 307.

Lab fee: \$225.

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.

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 and functions of nutrients 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: \$25.

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.

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 224
School Health and Safety
1-2 credit hour

Presents health and safety information from the Comprehensive School Health Curriculum for kindergarten through eighth grade and includes an analysis of school health programs. (Offered only to students completing the bachelors of science degree in elementary education through distance education.)

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
Portfolio/Seminar
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 Student Teaching Program. Corequisite: Student teaching. Prerequisite: Education minor or admission to the Professional Education Program.

PED 361
Professional Education
Portfolio/Seminar
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.) 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
8-10 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 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.

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: \$35.

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: \$35.

PHY 111**Physics I Lecture
3 credit hours**

Introduction of vector algebra: calculus-based studies of mechanics, heat, and thermodynamics.

Prerequisite or corequisite: 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: \$35.

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: \$35.

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: \$35.

PHY 302**Heat and Thermodynamics
3 credit hours**

A course in thermodynamics including the first and sec-

ond 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: \$35.

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: \$35.

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: \$35.

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.

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: \$35.

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: \$35.

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: \$35.

PHY 450

Special Topics **3 credit hours**

Topics vary by semester.

Prerequisites: Approval of the department chair and instructor.
Course fee: \$35.

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, and the thermodynamics of high speed flows. Students conduct lab experiments and optimize the design of a steam power plant. (Crosslisted with ME 331.)

Prerequisite: EGR 231.
Course fee: \$35.

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.

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 proj-

ect from research and proposal through construction and testing. (Crosslisted with EGR 498.)

Corequisites: EGR 461 and senior standing.
Course fee: \$35.

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: \$35.

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	Assessment I
PRF 057	Assessment II
PRF 058	Assessment III
PRF 059	Personal Growth Assessment
PRF 061	Counseling Comprehensive
PRF 062	Assessment III Professional Presentation
PRF 070	Swimming Proficiency
PRF 100	Piano Proficiency
PRF 100A	English Proficiency--SLLE
PRF 100C	Math Proficiency--SLLE
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

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 per-

manent 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 manuscripts on assigned themes and preach sermons before the class and video cameras. Evaluations are made by the class, professor, and personal study of video tapes.

Prerequisite: PRM 661.

PRM 670**Abnormal Human Behavior
3 credit hours**

An introduction to the study of abnormal and maladaptive behavior. Emphasizes descriptions and theoretical survey of the major forms of deviant patterns of behavior; classification systems; and 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 per-

spectives 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 in terms of their cognition, aptitude, achievement, learning disability, neuropsychology, environment, and personality. Emphasizes using various forms of assessment, rather than just standardized testing.

Course fees: Test fee, \$32.50; 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 \$32.50; 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
Psychopathology
3 credit hours

An advanced course to provide students with an in-depth understanding of psychological and psychiatric disorders. (This is a writing-intensive course.)
 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.

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: \$30.

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 created 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: \$30.

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 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 432
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. (Crosslisted with MAT 433.)
 Prerequisite: MAT 232

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 under-

graduates 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

Intensive practical conversational workshop.

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 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 304 or.

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 experience 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 Richard Roberts and their 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 and Richard 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 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 402

Divine Healing 3 credit hours

A study of the Biblical, theological, and historical roots of healing in the Christian church. Includes a study of the principles and patterns of healing demonstrated by Jesus and His disciples. Explores various models for healing ministries and how each person can be healed and be an instrument of healing for others.

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 SLLE.)

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.

WRITING (WRT)

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 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.

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