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

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

U. S. “Sonny” Branham..........Assistant Professor of Government

Stuart P. Branstorn.............Associate Professor of Art

Joyce M. Bridgman..............Assistant Professor of Music
B.Mus., Phillips University, 1985; M.Mus., University of Kansas, 1996.

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 Missouri State University, 1984; Ed.S., Pittsburgh State University, 1989; Ed.D., Oral Roberts University, 2002.

Brenda Calderon..............Assistant Professor of Spanish

Carlos Chaile..................Instructor of Spanish

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

Agena Farmer...............Assistant Professor of Organizational/Interpersonal Communications

David Farnsworth..............Instructor of Spanish

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, 1975; 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

Linda C. Gray..............Professor of English

J. Randall Guthrie.............Professor of Music and Chair, Music Department

H. Jerome Hatley............Associate Professor of Music

Dean M. Helland.............Assistant Professor of Spanish

Christian Fries Hill...........Instructor of French, German, and Spanish

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

Jason Howell..............Assistant Professor of Art

Soo hyun Jin...........Associate Professor of Music

Lori Ann Kanzit.............Associate Professor of English

Gary L. Kerr...............Instructor of Humanities

Jayson Larremore............Lecturer and Interim Chair, History, Humanities, and Government Department

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

Angela Lane...............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, 1982; M.S., Nova Southeastern University, 2000; Ed.D., Oklahoma State University, 1999.

Christopher Martin...........Assistant Professor of Drama

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

Kaye Meyers...........Professor of English

Denise Miller...........Instructor of Communication Arts

Joseph Mukasa.............Assistant Professor of Communication Arts
B.A., Maharere 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, 1979; 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

Edward A. Pierce............Professor of Music

Gary Pranger.............Associate Professor of History/Humanities

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

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 Raford.............Instructor of Music

Warren Rieger...........Instructor of Humanities

Amy Roark-Mcintosh............Assistant Professor of Dance

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

Mary Alice Trent............Professor of English
B.A., McNeese State University, 1987; M.A., 1989; Ph.D., University of Western Kentucky, 1996.

Tim Waters.............Associate Professor of Music

Paul S. Vickery.............Professor of History

Vicki Walker.............Assistant Professor of Music

Barbara Wolfer.............Instructor of English

Charles J. Zwick, Jr............Assistant Professor of Communication Arts
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 teaches 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 or biomedical illustration 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**

**General Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics (MAT 151)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Core Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 101 Fundamentals of Art I</td>
<td>3</td>
</tr>
<tr>
<td>ART 102 Fundamentals of Art II</td>
<td>3</td>
</tr>
<tr>
<td>ART 103 Art History Survey I</td>
<td>3</td>
</tr>
<tr>
<td>ART 104 Art History Survey II</td>
<td>3</td>
</tr>
<tr>
<td>ART 105 Color</td>
<td>3</td>
</tr>
<tr>
<td>ART 213 Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 214 Figure Drawing</td>
<td>3</td>
</tr>
</tbody>
</table>

**Major**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 203 Painting I</td>
<td>3</td>
</tr>
<tr>
<td>ART 204 Printmaking I</td>
<td>3</td>
</tr>
<tr>
<td>ART 218 Graphic Design I</td>
<td>3</td>
</tr>
<tr>
<td>ART 318 Graphic Design II</td>
<td>3</td>
</tr>
<tr>
<td>ART 444 Web Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 353 Practicum Infield Study I</td>
<td>3</td>
</tr>
<tr>
<td>ART 363 Black and White Photography</td>
<td>3</td>
</tr>
<tr>
<td>ART 440 Computer Graphics DTP</td>
<td>3</td>
</tr>
<tr>
<td>ART 450 Computer Graphics DTV</td>
<td>3</td>
</tr>
<tr>
<td>ART 453 Practicum Infield Study II</td>
<td>10</td>
</tr>
<tr>
<td>ART 499 Senior Project</td>
<td>3</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 101 Fundamentals of Art I</td>
<td>3</td>
</tr>
<tr>
<td>ART 102 Fundamentals of Art II</td>
<td>3</td>
</tr>
<tr>
<td>ART 103 Art History Survey I</td>
<td>3</td>
</tr>
<tr>
<td>ART 104 Art History Survey II</td>
<td>3</td>
</tr>
<tr>
<td>ART 105 Color</td>
<td>3</td>
</tr>
<tr>
<td>ART 213 Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 214 Figure Drawing</td>
<td>3</td>
</tr>
</tbody>
</table>

**Major Total**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
</tr>
</tbody>
</table>

**Cognate**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMC 104 Foundations in Mass Media</td>
<td>3</td>
</tr>
<tr>
<td>Communication</td>
<td>3</td>
</tr>
<tr>
<td>MMC 221 Advertisement and Marketing in</td>
<td>3</td>
</tr>
<tr>
<td>Telecommunication</td>
<td>3</td>
</tr>
<tr>
<td>MMC 228 Introduction to Television Production</td>
<td>3</td>
</tr>
<tr>
<td>MMC Elective*</td>
<td>3</td>
</tr>
<tr>
<td>MMC Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

**Cognate Total**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
</tr>
</tbody>
</table>

**Electives Total**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

**Degree Total**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>128</td>
</tr>
</tbody>
</table>

---

**GRAPHIC DESIGN VIDEO MAJOR (GRV)**

**Bachelor of Science**

**General Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Foreign Language (2 semesters including 203, French or German recommended)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>(ART 307 may be substituted for HUM 214)</td>
<td>6</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics (MAT 151)</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>Government (GOV 101)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Core Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 218 Graphic Design I</td>
<td>3</td>
</tr>
<tr>
<td>ART 318 Graphic Design II</td>
<td>3</td>
</tr>
<tr>
<td>ART 444 Web Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 353 Practicum Infield Study I</td>
<td>3</td>
</tr>
<tr>
<td>ART 363 Black and White Photography</td>
<td>3</td>
</tr>
<tr>
<td>ART 440 Computer Graphics DTP</td>
<td>3</td>
</tr>
<tr>
<td>ART 450 Computer Graphics DTV</td>
<td>3</td>
</tr>
<tr>
<td>ART 453 Practicum Infield Study II</td>
<td>10</td>
</tr>
<tr>
<td>ART 499 Senior Project</td>
<td>3</td>
</tr>
</tbody>
</table>

**SPUDDY ART MAJOR (STA) Ceramics, Painting, Sculpture, Printmaking**

**Bachelor of Arts**

**General Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>(ART 307 may be substituted for HUM 214)</td>
<td>6</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics (MAT 151)</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>Government (GOV 101)</td>
<td>3</td>
</tr>
</tbody>
</table>
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

**Cognate**

Choice of one of the following courses: 9

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

**Cognate Total** 30

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

**Only for students pursuing alternative certification.

**Major Total** 30

**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 that specific requirements for that state’s alternative certification are met. 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
Biblical 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 Credit Hours

Choice of two of the following courses: 3

ART 104 Art History Survey II
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 333 Watermedia

**Choice of two the following courses: 3**

ART 104 Art History Survey II
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 333 Watermedia

**Major Total** 42

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

#### Professional Education

**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. Students seeking licensure 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
Biblical 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 Credit Hours

Choice of one of the following two courses: 3

ART 101 Fundamentals of Art I
ART 102 Fundamentals of Art II
ART 103 Art History Survey I
ART 105 Color
ART 201 Ceramics 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 333 Watermedia

**Choice of two the following courses: 3**

ART 101 Fundamentals of Art I
ART 102 Fundamentals of Art II
ART 103 Art History Survey I
ART 105 Color
ART 201 Ceramics 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 333 Watermedia

**Major Total** 42

**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.
Communication Arts Total  9

Music
MUS 300 Music Appreciation  3
Choice of two of the following courses:  2
MUS 061/089 Performance Groups (1 hr.)
MUS 001/025 Applied Music (1 hr.)
MUS 131 Class Voice (1 hr.)
MUS 135 Class Guitar (1 hr.)
Choice of four hours from the following:  4
MUS 105 Introduction to Music Technology (1 hr.)
MUS 313 Sequencing and Digital Audio (3 hrs.)
MUS 315 Music Rich Media (3 hrs.)
CHIL 400 Introduction to Sound
Reinforcement (2 hrs.)
CHIL 401 Studio Recording and Music
Production I (3 hrs.)
CHIL 402 Studio Recording and Music
Production II (3 hrs.)
CHIL 403 Recording Studio Maintenance (1 hr.)
CHIL 404 Advanced Studio Recording (1 hr.)
CHIL 405 New Technology Audio Production (1 hr.)

Music Total  9

Minor Total  18

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
• Warren and Eileen Stratton 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 (3 hrs.)
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
A total of eight semesters of ballet:  8
DANP 100 Beginning Ballet
DANP 103 Ballet I
DANP 203 Ballet II
DANP 303 Ballet III
DANP 403 Ballet IV
A total of eight semesters of modern dance:  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
A total of six semesters of related dance forms:  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 405 Related Dance Forms IV
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

*Carnival 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
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.

### General Education

**Credit Hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communications (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 214 and COM 304 or 305)</td>
<td>12</td>
</tr>
<tr>
<td>Foreign Language (2 semesters including 203)</td>
<td>6</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science (2 semesters including HPE 319)</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics (MAT 151)</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>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)</td>
<td>5</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)</td>
<td>5</td>
</tr>
</tbody>
</table>

**General Education Total**

- **61**

### Major

- **DANP 100 Beginning Ballet**
- **DANP 101 Beginning Modern Dance**
- **DANP 102 Beginning Related Dance Forms**
- **COM 215 Introduction to Theatre**
- **COM 216 Introduction to Technical Production**
- **COM 232 Acting Styles**
- **COM 301 Acting for Musical Theatre**
- **COM 306 Advanced Acting**
- **COM 336 Directing**
- **COM 403 Costume Design**
- **COM 405 Design Makeup**
- **COM 406 Theatre History II**
- **COM 407 Film Acting Techniques**
- **COM 409 Senior Paper Preparation**
- **COM 498 Research and Senior Paper/Project**

**Major Total**

- **40**

### Minor

- **Electives**

**Minor Total**

- **18**

### Degree Total

- **128**

---

**Drama/ Television/ Film Performance Major (DTF)**

**Bachelor of Science**

The drama/theater/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/theater/film performance; (2) develops the intellectual, aesthetic, and creative potential of students through drama/theater/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/theater/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.

**General Education**

**Credit Hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 214 and COM 304)</td>
<td>12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science (2 semesters including HPE 319)</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics (MAT 151)</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>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)</td>
<td>5</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)</td>
<td>5</td>
</tr>
</tbody>
</table>

**General Education Total**

- **55**

**Major**

- **COM 105 Drama/TV/Film Performance Seminar**
  (8 semesters at .5 per semester)
- **COM 107 Film Acting Techniques**
- **COM 205 Fundamentals of Acting**
- **COM 215 Introduction to Theatre**
- **COM 216 Introduction to Technical Production**
- **COM 232 Acting Styles**
- **COM 305 Theatre History II**
- **COM 306 Advanced Acting**
- **COM 336 Directing**
- **COM 403 Costume Design**
- **COM 405 Design Makeup**
- **COM 407 Film Acting Techniques**
- **COM 408 Theatre Scene Design**
- **COM 409 Senior Paper Preparation**
- **COM 499 Research and Senior Paper/Project**

**Major Total**

- **40**

**Minor**

- **Electives**

**Minor Total**

- **18**

**Degree Total**

- **128**

---

**Musical Theatre Major (MUST)**

**Bachelor of Arts**

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

**General Education**

**Credit Hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communications (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 214 and MUS 206, COM 305)</td>
<td>12</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language (2 semesters including 203)</td>
<td>6</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science (2 semesters including HPE 319)</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics (MAT 151)</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>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)</td>
<td>5</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six semesters of HPE 120)</td>
<td>5</td>
</tr>
</tbody>
</table>

**General Education Total**

- **58**

**Major**

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

**Major Total**

- **40**

**Minor**

- **Electives**

**Minor Total**

- **18**

**Degree Total**

- **128**
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 concentration, cognate, and electives.

**General Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science (lecture and lab)*</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>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)</td>
<td>3</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)</td>
<td>5</td>
</tr>
</tbody>
</table>

**General Education Total**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
</tr>
</tbody>
</table>

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

**Major**

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

**Major Total**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>129</td>
</tr>
</tbody>
</table>

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

**Broadcast Journalism Concentration (BJRN)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 205 Fundamentals of Acting</td>
<td>3</td>
</tr>
<tr>
<td>COM 322 Interviewing</td>
<td>3</td>
</tr>
<tr>
<td>MMC 127 Introduction to Audio Production</td>
<td>3</td>
</tr>
<tr>
<td>MMC 205 Writing for Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td>MMC 228 Introduction to TV Production</td>
<td>3</td>
</tr>
</tbody>
</table>

**Broadcast Journalism Cognate**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMC 208 Broadcast News</td>
<td>3</td>
</tr>
<tr>
<td>MMC 215 Workshop: Newsgathering</td>
<td>1</td>
</tr>
<tr>
<td>MMC 317 Newswriting II</td>
<td>3</td>
</tr>
<tr>
<td>MMC 321 Mass Media Law</td>
<td>3</td>
</tr>
<tr>
<td>MMC 345 Announcing</td>
<td>3</td>
</tr>
<tr>
<td>MMC 432 Field Production/Editing</td>
<td>3</td>
</tr>
<tr>
<td>MMC 451 Communications Internship</td>
<td>3</td>
</tr>
</tbody>
</table>

**Cognate Total**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
</tr>
</tbody>
</table>

**Degree Total with Concentration**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>128</td>
</tr>
</tbody>
</table>

**Public Relations/Advertising Concentration (PRA)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMC 205 Writing for Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td>MMC 421 Integrated Marketing Communication</td>
<td>3</td>
</tr>
<tr>
<td>MMC 428 Public Relations Case Studies</td>
<td>3</td>
</tr>
<tr>
<td>COM 302 Advanced Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>Choice of one of the following four courses:</td>
<td>3</td>
</tr>
<tr>
<td>COM 309 Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 309 Argumentation and Persuasion</td>
<td>3</td>
</tr>
<tr>
<td>COM 322 Interviewing</td>
<td>3</td>
</tr>
<tr>
<td>COM 342 Communication Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

**Concentration Total**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
</tr>
</tbody>
</table>

**Public Relations/Advertising Cognate**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMC 220 Principles of Advertising</td>
<td>3</td>
</tr>
<tr>
<td>MMC 225 Principles of Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>MMC 321 Mass Media Law</td>
<td>3</td>
</tr>
<tr>
<td>MMC 416 Advertising Layout and Design</td>
<td>3</td>
</tr>
<tr>
<td>Mkt 333 Consumer Behavior</td>
<td>3</td>
</tr>
<tr>
<td>Choice of one of the following two workshops:</td>
<td>1</td>
</tr>
<tr>
<td>MMC 213 Workshop: Publications</td>
<td>3</td>
</tr>
<tr>
<td>MMC 217 Workshop: Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>Choice of one of the following three courses:</td>
<td>3</td>
</tr>
<tr>
<td>MMC 427 Public Relations Management</td>
<td>3</td>
</tr>
<tr>
<td>COM 451 Communications Internship</td>
<td>3</td>
</tr>
<tr>
<td>COM 453 Directed Study</td>
<td>3</td>
</tr>
</tbody>
</table>

**Cognate Total**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
</tr>
</tbody>
</table>

**Degree Total with Concentration**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>128</td>
</tr>
</tbody>
</table>

**MultiMedia Production Concentration**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMC 213 Workshop: Publications</td>
<td>1</td>
</tr>
<tr>
<td>MMC 305 Editing for Print</td>
<td>3</td>
</tr>
<tr>
<td>MMC 317 Newswriting II</td>
<td>3</td>
</tr>
<tr>
<td>MMC 321 Mass Media Law</td>
<td>3</td>
</tr>
<tr>
<td>MMC 444 Feature Writing</td>
<td>3</td>
</tr>
<tr>
<td>COM 451 Communications Internship</td>
<td>3</td>
</tr>
<tr>
<td>Choice of one of the following courses:</td>
<td>3</td>
</tr>
<tr>
<td>MMC 208 Broadcast News</td>
<td>3</td>
</tr>
<tr>
<td>MMC 225 Principles of Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>MMC 263 Black and White Photography</td>
<td>3</td>
</tr>
<tr>
<td>COM 453 Directed Study</td>
<td>3</td>
</tr>
</tbody>
</table>

**Cognate Total**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
</tr>
</tbody>
</table>

**Degree Total with Concentration**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>128</td>
</tr>
</tbody>
</table>

*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 $2300 fee to cover the cost of a high-end laptop and $600 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.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Foreign language (2 semesters including 203)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Laboratory Science (THE 103)</td>
<td>6</td>
</tr>
<tr>
<td>Laboratory Science (lecture and lab)</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics (MAT 232 is suggested)</td>
<td>3</td>
</tr>
<tr>
<td>American History 101</td>
<td>3</td>
</tr>
<tr>
<td>Government 101</td>
<td>3</td>
</tr>
<tr>
<td>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)</td>
<td>3</td>
</tr>
</tbody>
</table>

**General Education Total** 61

<table>
<thead>
<tr>
<th>Major</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 203 Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 251 Organizational/Interpersonal Seminar</td>
<td>1</td>
</tr>
<tr>
<td>COM 300 Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 302 Advanced Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>COM 309 Argumentation and Persuasion</td>
<td>3</td>
</tr>
<tr>
<td>COM 342 Communication Theory</td>
<td>3</td>
</tr>
<tr>
<td>COM 498 Senior Paper Preparation</td>
<td>1</td>
</tr>
<tr>
<td>Choice of one of the following three courses:</td>
<td>3</td>
</tr>
<tr>
<td>COM 322 Interviewing</td>
<td></td>
</tr>
<tr>
<td>COM 410 Discussion and Conference Leadership</td>
<td></td>
</tr>
<tr>
<td>COM 446 Business and Professional Speech</td>
<td></td>
</tr>
<tr>
<td>Choice of three of the following O/Com courses:</td>
<td>9</td>
</tr>
<tr>
<td>COM 332 Interviewing</td>
<td></td>
</tr>
<tr>
<td>COM 409 Gender and Family Communication</td>
<td></td>
</tr>
<tr>
<td>COM 410 Discussion and Conference Leadership</td>
<td></td>
</tr>
<tr>
<td>COM 412 Training and Development</td>
<td></td>
</tr>
<tr>
<td>COM 444 Advanced Interpersonal Communication</td>
<td></td>
</tr>
<tr>
<td>COM 446 Business and Professional Speech</td>
<td></td>
</tr>
<tr>
<td>COM 451 Internship</td>
<td></td>
</tr>
<tr>
<td>ESI 413 Cross-Cultural Communication</td>
<td></td>
</tr>
</tbody>
</table>

**Major Total** 31

**Minor**

**Electives**

**Degree Total** 128

**WORSHIP ARTS MAJOR (WOR)**

**Bachelor of Science**

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Laboratory Science (THE 103)</td>
<td>6</td>
</tr>
<tr>
<td>Mathematics (MAT 151)</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>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)</td>
<td>3</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)</td>
<td>5</td>
</tr>
</tbody>
</table>

**General Education Total** 55

<table>
<thead>
<tr>
<th>Major</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 204 Playwriting for the Church</td>
<td>3</td>
</tr>
<tr>
<td>COM 205 Fundamentals of Acting</td>
<td>3</td>
</tr>
<tr>
<td>COM 216 Introduction to Technical Production</td>
<td>3</td>
</tr>
<tr>
<td>COM 336 Directing</td>
<td>3</td>
</tr>
<tr>
<td>MMC 127 Introduction to Audio Production</td>
<td>3</td>
</tr>
<tr>
<td>CHR 360 Biblical Foundations of Worship and Prophetic Leadership</td>
<td>3</td>
</tr>
<tr>
<td>MUS 089 Contemporary Music Ministry Ensemble*1</td>
<td>3</td>
</tr>
<tr>
<td>MUS 089 Contemporary Music Ministry Ensemble*1</td>
<td>3</td>
</tr>
</tbody>
</table>

**Major Total** 29

**Cognate**

**Electives or Minor**

**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 level 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 teaching in the secondary schools achieve a major in communication arts. Secondary school teaching areas in speechcommunication 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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics (MAT 113-421)</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>Biology (lecture and lab)</td>
<td>4</td>
</tr>
<tr>
<td>Physical Science (lecture and lab)</td>
<td>4</td>
</tr>
<tr>
<td>Humanities (HUM 112, 213, 214)</td>
<td>9</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Foreign language (2 semesters including 203)</td>
<td>6</td>
</tr>
<tr>
<td>Social Sciences Elective (Choice of one of the following: PSY 201, SOC 323 SWK 202, SOC 101, SOC 201)</td>
<td>6</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)</td>
<td>5</td>
</tr>
</tbody>
</table>

Total: 58

### Major 

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

Total: 18

### Choice of two of the following courses: 

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 403 Costume Design</td>
<td>3</td>
</tr>
<tr>
<td>COM 404 Theatrical Scene Design</td>
<td>3</td>
</tr>
<tr>
<td>IS 301 Christian Worldview</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 6

### 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 

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 218 Graphic Design I</td>
<td>3</td>
</tr>
<tr>
<td>ART 440 Computer Graphics (DTP)</td>
<td>3</td>
</tr>
<tr>
<td>ART 311 Drawing (3 hrs.)</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 9

### Communication Arts 

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMC 128 Principles of Audio Production (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>MMC 219 Introduction to Interactive Media (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>MMC 228 Introduction to TV Production (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>MMC 304 Intermediate Interactive Media (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>MMC 318 Fundamentals of Scriptwriting (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>MMC 412 Advanced Interactive Media (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>MMC 417 Media Analysis (3 hrs.)</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 9

### 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.

**Credit Hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANP 107 Improvisation I</td>
<td>1</td>
</tr>
<tr>
<td>DANP 108 Improvisation II</td>
<td>1</td>
</tr>
<tr>
<td>DANP 207 Fundamentals of Choreography</td>
<td>2</td>
</tr>
<tr>
<td>DANP 307 Intermediate Choreography</td>
<td>2</td>
</tr>
<tr>
<td>Choice of two to four hours from the following:</td>
<td>2-4</td>
</tr>
<tr>
<td>DANP 100 Beginning Ballet* (1 hr.)</td>
<td>1</td>
</tr>
<tr>
<td>DANP 103 Ballet I* (1 hr.)</td>
<td>1</td>
</tr>
<tr>
<td>DANP 203 Ballet I* (1 hr.)</td>
<td>1</td>
</tr>
<tr>
<td>DANP 303 Ballet III (1 hr.)</td>
<td>1</td>
</tr>
<tr>
<td>DANP 403 Ballet IV (1 hr.)</td>
<td>1</td>
</tr>
<tr>
<td>Choice of two to four hours from the following:</td>
<td>2-4</td>
</tr>
<tr>
<td>DANP 304 Modern Dance I* (1 hr.)</td>
<td>1</td>
</tr>
<tr>
<td>DANP 404 Modern Dance IV* (1 hr.)</td>
<td>1</td>
</tr>
<tr>
<td>Choice of six hours from the following:</td>
<td>6</td>
</tr>
<tr>
<td>DANP 102 Beginning Related Dance Forms* (1 hr.)</td>
<td>1</td>
</tr>
<tr>
<td>DANP 105 Related Dance Forms I* (1 hr.)</td>
<td>1</td>
</tr>
<tr>
<td>DANP 205 Related Dance Forms II (1 hr.)</td>
<td>1</td>
</tr>
<tr>
<td>DANP 305 Related Dance Forms III (1 hr.)</td>
<td>1</td>
</tr>
</tbody>
</table>

Total: 18

*Course can be taken more than once for credit.

### Drama Minor (CAD) 

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 215 Introduction to Theatre</td>
<td>3</td>
</tr>
<tr>
<td>COM 216 Introduction to Technical Production</td>
<td>3</td>
</tr>
<tr>
<td>COM 336 Directing</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 9

### 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)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT 130 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 342 Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MGT 225 Human Resources Management</td>
<td>3</td>
</tr>
<tr>
<td>MMC 225 Principles of Public Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 18

*With approval of the drama advisor.
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.

**For students not majoring in organizational/interpersonal communication (HRDNI)**

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMC 104 Fundamentals in Mass Media Communication (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>MMC 213 Workshop: Publications (1-3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>MMC 208 Broadcast News (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>MMC 220 Principles of Advertising (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>MMC 225 Principles of Public Relations (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>MMC 363 Black and White Photography (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>COM 451 Communications Internship (3 hrs.)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Minor Total** __18__

*With advisor's approval.

Organizational/Interpersonal Communication Minor (CAI)

This minor is for students majoring in organizational/interpersonal communication. It is designed especially for those preparing to enter these fields and for those planning to undertake graduate study in related areas.

**For students not majoring in organizational/interpersonal communication (HRDNI)**

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMC 107 Newswriting I</td>
<td>3</td>
</tr>
<tr>
<td>MMC 205 Writing for Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td>MMC 317 Newswriting II</td>
<td>3</td>
</tr>
<tr>
<td>MMC 444 Feature Writing</td>
<td>3</td>
</tr>
<tr>
<td>MMC 104 Fundamentals in Mass Media Communication (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>MMC 213 Workshop: Publications (1-3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>MMC 208 Broadcast News (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>MMC 220 Principles of Advertising (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>MMC 225 Principles of Public Relations (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>MMC 363 Black and White Photography (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>COM 451 Communications Internship (3 hrs.)</td>
<td>3</td>
</tr>
</tbody>
</table>

**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.

**Course Offerings**

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMC 107 Newswriting I</td>
<td>3</td>
</tr>
<tr>
<td>MMC 225 Principles of Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>MMC 220 Principles of Advertising</td>
<td>3</td>
</tr>
<tr>
<td>MMC 221 Advertising and Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MMC 416 Advertising Layout and Design</td>
<td>3</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMC 219 Introduction to Interactive Media</td>
<td>3</td>
</tr>
<tr>
<td>MMC 228 Introduction to TV Production</td>
<td>3</td>
</tr>
<tr>
<td>MMC 231 Principles of TV Production</td>
<td>3</td>
</tr>
<tr>
<td>MMC 127 Introduction to Audio Production</td>
<td>3</td>
</tr>
<tr>
<td>MMC 128 Principles of TV Production</td>
<td>3</td>
</tr>
<tr>
<td>MMC 304* Intermediate Interactive Media</td>
<td>3</td>
</tr>
<tr>
<td>MMC 313 Lighting for TV/Film</td>
<td>3</td>
</tr>
<tr>
<td>MMC 412* Desktop Video/Multimedia Production</td>
<td>3</td>
</tr>
<tr>
<td>MMC 432 Field Production/Editing</td>
<td>3</td>
</tr>
<tr>
<td>MMC 437 Film Production Techniques</td>
<td>3</td>
</tr>
<tr>
<td>MMC 457 Advanced Field Production/Editing</td>
<td>3</td>
</tr>
<tr>
<td>MMC 451 Internship</td>
<td>3</td>
</tr>
</tbody>
</table>

**Minor Total** __18__

*With approval of journalism advisor.

Theatre Minor (THM)

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

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMC 106 Drama/Television/Film Performance Seminar</td>
<td>3</td>
</tr>
<tr>
<td>COM 205 Fundamentals of Acting</td>
<td>3</td>
</tr>
<tr>
<td>COM 215 Introduction to Theatre</td>
<td>3</td>
</tr>
<tr>
<td>COM 306 Advanced Acting</td>
<td>3</td>
</tr>
<tr>
<td>COM 336 Directing</td>
<td>3</td>
</tr>
<tr>
<td>COM 405 Theatrical Design</td>
<td>3</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 101 Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 102 Voice, Diction, and Phonetics</td>
<td>3</td>
</tr>
<tr>
<td>COM 202 Oral Interpretation of Literature</td>
<td>3</td>
</tr>
<tr>
<td>COM 426 Communication Seminar</td>
<td>3</td>
</tr>
<tr>
<td>COM 450 Teaching Communication Arts</td>
<td>3</td>
</tr>
<tr>
<td>COM 451 Communications Internship</td>
<td>3</td>
</tr>
<tr>
<td>COM 453 Directed Study and Research</td>
<td>3</td>
</tr>
<tr>
<td>COM 498 Senior Paper Preparation</td>
<td>3</td>
</tr>
<tr>
<td>COM 499 Research and Senior Paper/Project</td>
<td>3</td>
</tr>
<tr>
<td>COM 999 Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

**Drama**

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 106 Drama/Television/Film Performance Seminar</td>
<td>3</td>
</tr>
<tr>
<td>COM 107 Film Acting Technique</td>
<td>3</td>
</tr>
<tr>
<td>COM 150 Drama in the Church</td>
<td>3</td>
</tr>
<tr>
<td>COM 204 Playwriting for the Church</td>
<td>3</td>
</tr>
<tr>
<td>COM 205 Fundamentals of Acting</td>
<td>3</td>
</tr>
<tr>
<td>COM 215 Introduction to Theatre</td>
<td>3</td>
</tr>
<tr>
<td>COM 216 Introduction to Technical Production</td>
<td>3</td>
</tr>
<tr>
<td>COM 232 Acting Styles</td>
<td>3</td>
</tr>
<tr>
<td>COM 233 Theatrical Lighting Design and Technology</td>
<td>3</td>
</tr>
<tr>
<td>COM 301 Acting for Musical Theatre</td>
<td>3</td>
</tr>
<tr>
<td>COM 304 Theatre History I</td>
<td>3</td>
</tr>
<tr>
<td>COM 305 Theatre History II</td>
<td>3</td>
</tr>
<tr>
<td>COM 306 Advanced Acting</td>
<td>3</td>
</tr>
<tr>
<td>COM 336 Directing</td>
<td>3</td>
</tr>
<tr>
<td>COM 403 Costume Design</td>
<td>3</td>
</tr>
<tr>
<td>COM 404 Theatrical Scene Design</td>
<td>3</td>
</tr>
<tr>
<td>COM 405 Theatrical Design</td>
<td>3</td>
</tr>
</tbody>
</table>

**Organizational/Interpersonal Communication**

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 203 Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 300 Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 302 Advanced Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>COM 309 Argumentation and Persuasion: Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>COM 342 Communication Theory</td>
<td>3</td>
</tr>
<tr>
<td>COM Elective*</td>
<td>3</td>
</tr>
</tbody>
</table>

**Minor Total** __18__

*With approval of organizational/interpersonal advisor.

**School of Arts and Cultural Studies**

43
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 writing 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 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

General Education

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
</tr>
<tr>
<td>Foreign Language (2 semesters including 203)</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, ENG 201)</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
</tr>
<tr>
<td>Laboratory Science</td>
</tr>
<tr>
<td>Mathematics (MAT 151)</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
</tr>
<tr>
<td>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)</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation</td>
</tr>
<tr>
<td>(Health Fitness I and II, swimming course or proficiency, six electives)</td>
</tr>
</tbody>
</table>

General Education Total | 61 |

Major

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (ENG 310, 311)</td>
</tr>
<tr>
<td>English Literature I</td>
</tr>
<tr>
<td>English Literature II</td>
</tr>
<tr>
<td>American Literature I</td>
</tr>
<tr>
<td>American Literature II</td>
</tr>
<tr>
<td>Shakespeare</td>
</tr>
<tr>
<td>Senior Research</td>
</tr>
<tr>
<td>Senior Paper/Composition</td>
</tr>
<tr>
<td>Structure of Modern English</td>
</tr>
<tr>
<td>History of the English Language</td>
</tr>
<tr>
<td>ENG 351</td>
</tr>
<tr>
<td>ENG 370</td>
</tr>
<tr>
<td>ENG 323</td>
</tr>
<tr>
<td>ENG 324</td>
</tr>
<tr>
<td>ENG 353</td>
</tr>
<tr>
<td>ENG 490</td>
</tr>
<tr>
<td>ENG 499</td>
</tr>
<tr>
<td>ENG 421</td>
</tr>
<tr>
<td>ENG 436</td>
</tr>
<tr>
<td>ENG 440</td>
</tr>
<tr>
<td>ENG 450</td>
</tr>
</tbody>
</table>

Choice of two of the following courses: 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.
Choice of four courses from the following: 12

**Art (ART)**
- An art concentration complements an English literature major by connecting the art and literature of an age.
- **Choice of four courses from the following:**
  - 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
- **Choice of three courses from the following:**
  - BIB 332 Old Testament Historical Books
  - 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)**
- 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
- CHRM 305 Teaching the Bible
- **Choice of two courses from the following:**
  - 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.
- **Choice of four courses from the following:**
  - IS 301 Christian Worldview
  - IS 361 Foundations of International/Community Development
  - IS 462 Needs Assessment and Program Evaluation
  - MISS 325 Introduction to Christian Missions

**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.
- **Choice of twelve hours from the following courses:**
  - 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.)
  - MCC 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 prerequisites: 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.
- **Choice of four courses from the following:**
  - 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
- **Choice of three courses from the following:**
  - MISS 300 History of Missions
  - MISS 333 Theory of Missions
  - MISS 350 Missions and Culture
  - MISS 404 Church Growth and Planting

**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.
- **Choice of four courses from the following:**
  - 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) 6
- 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 II* 3
- WRT 400 Writing Internship 3
- PRF 320 Writing Major/Minor Proficiency 0
- **Choice of one of the following two courses:**
  - WRT 410 Desktop Publishing 3
  - WRT 405 Literary Genres 3

**Concentration Total** 12
Cognate
MMC 107 Newswriting I 3
Choice of six hours from the following courses: 6
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.
Choice of four courses from the following: 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
Choice of three courses from the following: 9
BIB 332 Old Testament Historical Books
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)
Choice of four courses from the following: 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)
CHR 303 Curriculum of Christian Education 3
CHR 305 Teaching the Bible 3
Choice of two courses from the following: 6
CHR 300 History and Philosophy of Christian Education
CHR 313 Prayer Ministry of the Caregiver
CHR 314 Spiritual Formation in Pastoral Care
CHR 317 Introduction to Youth Ministry
CHR 335 Introduction to Evangelism
CHR 337 Biblical Foundations of Evangelism
CHR 402 Discipleship and Small Groups
CHR 460 Church Administration
Concentration Total 12

Community Development (CDEV)
Following CRCU’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.
Choice of four courses from the following: 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
CHR 300 History and Philosophy of Christian Education
CHR 307 Missions Among the Poor
CHR 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
Choice of 3 of the following 3-hour courses: 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.
Choice of four courses from the following: 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
Choice of three of the following courses: 9
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
MKT 130 Principles of Management 3
Choice of two of the following courses: 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
Choice of three courses from the following: 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.
Choice of four courses from the following: 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 (WSCI)

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:  
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:  
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:  
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  
ENG 475 English Medieval Period: 650-1500  
ENG 476 English Romantic Period: 1798-1832  
ENG 477 English Victorian Period  
ENG 485 English Modern Period  
ENG 486 English Postmodern Period  
ENG 487 English Postmodern Period

Choice of six hours from the following courses:  
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.

### 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 485 English Medieval Period: 650-1500  
ENG 486 English Postmodern Period  
ENG 487 English Postmodern Period  
ENG 490 Senior Paper Research  
ENG 499 Senior Paper/Composition  
ENG 999 Elective

### Reading

READ 099 Preparation for College Reading

### 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 333 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
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 meaning—the faculty teach students, not just subjects. To accomplish this, the faculty members cultivate their own horizons into a collegiate 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 ways 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 improve the local and global communities. Oral Roberts University—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 group-oriented clubs and organizations are available for students interested in this field.

Oklahoma Intercollegiate Legislature (O.I.L.) is a mock legislative 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.

Model worldwide.

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.

General Education Credit Hours

Personal Growth Assessment (GEN 099) 0

English (ENG 101, 305) 6

Foreign Language (2 semesters including 203) 6

(French or German preferred for European history major; French or Spanish for American history)

Oral Communication (COM 101) 3

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

Biblical Literature (BUT 110, 120) 6

Theology (THE 103) 3

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) 5

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: Introduction to History 3

Area Studies* 24

HIS 499 Senior Paper/Project 3

Major Total 30

*Students may choose to study one specific geographic area (such as U.S., Europe, or Latin America) and take a minimum of 16 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.

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
American Jurisprudence (3 hrs.)

Choice of four of the following courses:

GOV 488 Model United Nations Internship (1-3 hrs.)
GOV 487 International Legislature Internship (1-3 hrs.)
GOV 391 International Political Economy (3 hrs.)
GOV 381 American Foreign Policy (3 hrs.)

Choice of twelve hours from the following:

Concentrations

*Maximum six hours from GOV 479, 487, 488, and 489 combined.

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.

General Education Credit Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GOV 499</td>
<td>Senior Paper/Project</td>
<td>3</td>
</tr>
</tbody>
</table>

*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 (ICO)

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.
**General Education Credit Hours**

Students seeking licensure to teach at the secondary level need to complete 128 hours. The major includes at least 48 hours of professional education. Students may earn licensure in a second subject area. The Oklahoma Commission for Teacher Preparation requires the OSAT/OPTE test(s) to be passed in order to obtain a license in an additional subject area. Students interested in completing coursework toward additional licensing should consult the subject area advisor.

<table>
<thead>
<tr>
<th>General Education Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
</tr>
</tbody>
</table>

**LIBERAL ARTS MAJOR (LAD)**

**Bachelor of Arts**

This major is for students wanting a broad base of knowledge. One bachelor's 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.

<table>
<thead>
<tr>
<th>General Education Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Professional Education Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PED 100 Education Seminar (every semester)</td>
</tr>
<tr>
<td>PED 121 Field Base Experience/Practicum (Secondary)</td>
</tr>
<tr>
<td>PED 203 Foundations and Methods of Education</td>
</tr>
<tr>
<td>PED 222 School Health Care</td>
</tr>
<tr>
<td>PED 305 Pedagogy I</td>
</tr>
<tr>
<td>PED 306 Pedagogy II</td>
</tr>
<tr>
<td>PED 361 Professional Education Seminar/Portfolio</td>
</tr>
<tr>
<td>PED 485 Intern/Student Teaching: 7-9</td>
</tr>
<tr>
<td>PED 495 Intern/Student Teaching: 10-12</td>
</tr>
<tr>
<td>HIS 477 Secondary Methods: Social Studies</td>
</tr>
</tbody>
</table>

| Professional Education Total 26 |
| Degree Total 128.5 |

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

**Bachelor of Arts**

Students majoring in this area 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 declare it by the sophomore year. To their career goals. Students interested in choosing this major should declare it by the sophomore year.

Students seeking licensure to teach at the secondary level 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 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 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.
enrich the life and service of any person. shaping their own lives, the lives of their children, and missionaries understand the multiple forces that are lawyers, teachers, pastors, businessmen, doctors, and actions. Such a way of seeing can help parents, interrelations in a culture among assumptions, ideas, worldview in dynamic ways. in institutions, patterns, forms, and ideas modify the ant image of man that are widespread in a given time and activities. We believe that the worldview and result-

GOV 391 International Political Economy

GOV 381 American Foreign Policy

GOV 370 Area Studies

GOV 360 International Political Economy

GOV 350 Internship in Government

GOV Electives 6

Choice of two from the following:

GOV 335 Christian Faith and Government: Theory 3

GOV 325 Comparative Government

GOV 324 American Political Leadership

GOV 323 Western Political Theory

GOV 322 Political Parties and Elections

GOV 321 Legislative Process

GOV 310 International Relations

GOV 309 Comparative Government

GOV 308 American Foreign Policy

GOV 307 Area Studies

GOV 306 American Foreign Policy

GOV 305 Comparative Government

GOV Electives (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

Choice of two from the following: 6

GOV 305 Comparative Government

GOV 370 Area Studies

GOV 361 American Foreign Policy

GOV 351 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

Choice of four courses from the following: 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.

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 minor in humanities and the Outstanding 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: Practice

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 478 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 200 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 1777-1929: 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 351 Colonial Latin America

HIS 352 Survey of Latin America

HIS 353 Islamic Middle East

HIS 354 Ancient Near East

HIS 355 Modern China and Japan

HIS 356 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 474 Secondary Methods: Social Studies

HIS 475 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 do 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

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) 9
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) 9
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

SPANISH MAJOR (SPA)

Bachelor of Arts

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) 9
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) 9
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

Choice of one of the following two courses: 3
SPA 303 Survey of Spanish Literature I
SPA 304 Survey of Spanish Literature II

Major Total 30
Minor 18
Electives 25

Degree Total 128

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science (physical and biological)</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics (MAT 151)</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>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)</td>
<td>3</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation</td>
<td>4.5</td>
</tr>
<tr>
<td>American Sign Language</td>
<td>1</td>
</tr>
<tr>
<td>Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>4</td>
</tr>
<tr>
<td>Health and Safety Courses</td>
<td>3</td>
</tr>
<tr>
<td>General Education Total</td>
<td>54.5</td>
</tr>
</tbody>
</table>

Major Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRE, GER, SPA 203 Intermediate I</td>
<td>3</td>
</tr>
<tr>
<td>FRE, GER, SPA 204 Intermediate II</td>
<td>3</td>
</tr>
<tr>
<td>FRE, GER, SPA 301 Phonetics and Conversation</td>
<td>3</td>
</tr>
<tr>
<td>FRE, GER, SPA 302 Composition</td>
<td>3</td>
</tr>
<tr>
<td>FRE, GER, SPA 498 Senior Paper Bibliography</td>
<td>1</td>
</tr>
<tr>
<td>FRE, GER, SPA 499 Senior Paper</td>
<td>2</td>
</tr>
<tr>
<td>GER, SPA Electives (upper division)</td>
<td>9</td>
</tr>
<tr>
<td>Students take three* of the following courses:</td>
<td>9</td>
</tr>
<tr>
<td>FRE, GER, SPA 303 Survey of Literature I</td>
<td>3</td>
</tr>
<tr>
<td>FRE, GER, SPA 304 Survey of Literature II</td>
<td>3</td>
</tr>
<tr>
<td>FRE, GER, SPA 305 SPA 315 Civilization and Culture</td>
<td>3</td>
</tr>
<tr>
<td>SPA 314 Survey of Latin American Literature</td>
<td>3</td>
</tr>
<tr>
<td>FRE, GER, SPA 450 Internship</td>
<td>3</td>
</tr>
<tr>
<td>Major Total</td>
<td>33</td>
</tr>
</tbody>
</table>

*Cognate Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRE, GER, SPA, HEB</td>
<td>3</td>
</tr>
<tr>
<td>FRE, GER, SPA, HEB</td>
<td>3</td>
</tr>
<tr>
<td>Cognate Total</td>
<td>6</td>
</tr>
</tbody>
</table>

*If the student takes the 101 or 102 courses for the cognate, the hours beyond the six can apply to the electives.

Professional Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PED 100 Education Seminar (every semester)</td>
<td>0</td>
</tr>
<tr>
<td>PED 111 Field-Based Experience/Practicum (Elementary)</td>
<td>1</td>
</tr>
<tr>
<td>PED 121 Field-Based Experience/Practicum (Secondary)</td>
<td>3</td>
</tr>
<tr>
<td>PED 203 Foundations and Methods of Education</td>
<td>1</td>
</tr>
<tr>
<td>PED 222 School Health Care</td>
<td>1</td>
</tr>
<tr>
<td>PED 305 Pedagogy I</td>
<td>4</td>
</tr>
<tr>
<td>PED 306 Pedagogy II</td>
<td>4</td>
</tr>
<tr>
<td>PED 361 Professional Education Seminar/Portfolio</td>
<td>0</td>
</tr>
<tr>
<td>PED 475 Intern/Student Teaching: Elementary</td>
<td>5</td>
</tr>
<tr>
<td>PED 495 Intern/Student Teaching: Secondary</td>
<td>5</td>
</tr>
<tr>
<td>FRE/SPA/GER 457 Methods for Modern Language Curriculum Instruction</td>
<td>3</td>
</tr>
</tbody>
</table>

| 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 the 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRE, GER, SPA, HEB 102 Elementary II</td>
<td>5</td>
</tr>
<tr>
<td>FRE, GER, SPA, HEB 203 Intermediate I</td>
<td>3</td>
</tr>
<tr>
<td>FRE, GER, SPA, HEB 204 Intermediate II</td>
<td>3</td>
</tr>
<tr>
<td>FRE, GER, HEB 305, SPA 315 Civilization</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRE 101 Elementary French I</td>
<td>3</td>
</tr>
<tr>
<td>FRE 102 Elementary French II</td>
<td>3</td>
</tr>
<tr>
<td>FRE 203 Intermediate French I</td>
<td>3</td>
</tr>
<tr>
<td>FRE 204 Intermediate French II</td>
<td>3</td>
</tr>
<tr>
<td>FRE 219 Travel Study</td>
<td>3</td>
</tr>
<tr>
<td>FRE 301 French Phonetics and Conversation</td>
<td>3</td>
</tr>
<tr>
<td>FRE 302 French Composition</td>
<td>3</td>
</tr>
<tr>
<td>FRE 303 Survey of French Literature I</td>
<td>3</td>
</tr>
<tr>
<td>FRE 304 Survey of French Literature II</td>
<td>3</td>
</tr>
<tr>
<td>FRE 305 French Civilization and Culture</td>
<td>3</td>
</tr>
<tr>
<td>FRE 306 Business French</td>
<td>3</td>
</tr>
<tr>
<td>FRE 407 Age of the Philosophers</td>
<td>3</td>
</tr>
<tr>
<td>FRE 408 French Romanticism (1790-1850)</td>
<td>3</td>
</tr>
<tr>
<td>FRE 450 Internship</td>
<td>3</td>
</tr>
<tr>
<td>FRE 451 Special Readings</td>
<td>3</td>
</tr>
<tr>
<td>FRE 457 Methods for Modern Language Curriculum Instruction</td>
<td>3</td>
</tr>
</tbody>
</table>

German

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GER 101 Elementary German I</td>
<td>3</td>
</tr>
<tr>
<td>GER 102 Elementary German II</td>
<td>3</td>
</tr>
<tr>
<td>GER 203 Intermediate German I</td>
<td>3</td>
</tr>
<tr>
<td>GER 204 Intermediate German II</td>
<td>3</td>
</tr>
<tr>
<td>GER 219 Travel Study</td>
<td>3</td>
</tr>
<tr>
<td>GER 301 German Phonetics and Conversation</td>
<td>3</td>
</tr>
<tr>
<td>GER 302 German Composition</td>
<td>3</td>
</tr>
<tr>
<td>GER 303 Survey of German Literature I</td>
<td>3</td>
</tr>
<tr>
<td>GER 304 Survey of German Literature II</td>
<td>3</td>
</tr>
<tr>
<td>GER 305 German Civilization and Culture</td>
<td>3</td>
</tr>
<tr>
<td>GER 306 Business German</td>
<td>3</td>
</tr>
<tr>
<td>GER 403 The Age of Goethe</td>
<td>3</td>
</tr>
<tr>
<td>GER 404 Novelle</td>
<td>3</td>
</tr>
<tr>
<td>GER 407 Lyric Poetry</td>
<td>3</td>
</tr>
<tr>
<td>GER 409 German Novel</td>
<td>3</td>
</tr>
<tr>
<td>GER 450 Internship</td>
<td>3</td>
</tr>
<tr>
<td>GER 451 Special Readings</td>
<td>3</td>
</tr>
</tbody>
</table>
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 will 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 interest in the practical aspects of music and show evidence of creativity through performance or composition. There are 15 music minors available at the University of Miami. Music minors must demonstrate continuous interest in the practical aspects of music. Music minors must show evidence of creativity through performance or composition. All music minors must enroll and successfully complete a major of 12 credit hours in the Music Department.

Recitals are regularly presented, affording students opportunities to perform as soloists. As with all ORU studies, 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 may 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 majors 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 majors 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 enrolled 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 proficiency examinations. 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 proficiency 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.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Foreign Language (2 semesters including 203; French or German recommended)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Sciences</td>
<td>8</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences (MUS 208)</td>
<td>3</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation</td>
<td>4.5-5</td>
</tr>
<tr>
<td>(Health Fitness I and II, swimming course or proficiency, five or six electives)*</td>
<td></td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 066 Oratorio Chorus (4 semesters)</td>
<td>0</td>
</tr>
<tr>
<td>MUS 099 Music Seminar (7 semesters of C or better)</td>
<td>2</td>
</tr>
<tr>
<td>MUS 101 Harmony I</td>
<td>2</td>
</tr>
<tr>
<td>MUS 102 Harmony II</td>
<td>2</td>
</tr>
<tr>
<td>MUS 103 Sight Singing and Ear Training I</td>
<td>2</td>
</tr>
<tr>
<td>MUS 104 Sight Singing and Ear Training II</td>
<td>2</td>
</tr>
<tr>
<td>MUS 105 Introduction to Music Technology</td>
<td>1</td>
</tr>
<tr>
<td>MUS 333 Conducting I</td>
<td>2</td>
</tr>
<tr>
<td>MUS Concentration (arts or technology)</td>
<td>30</td>
</tr>
<tr>
<td>PRF 100 Piano Proficiency</td>
<td></td>
</tr>
<tr>
<td>PRF 101 Music Vocabulary Proficiency</td>
<td></td>
</tr>
</tbody>
</table>

**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
- **Choice of elective from sacred music or composition technology courses or from the following list: MUS 201, 301, 302, 443, 444** 3

Choice of one of the following two courses: 3
- **MUS 421** Senior Recital
- **MUS 449** 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** Intro to Sound Reinforcement* 2
- **CHIL 401** Studio Recording and Music Production* 3
- **CHIL 402** Studio Recording and Music Production II* 3
- **CHIL 403** Recording Studio Maintenance* 1
- **Choice of two or three hours from the following**: 2
- **MUS 310** Studies in Advanced Music Technology (Technology Concentration 3 hrs.)
- **MUS 313** Sequencing and Digital Audio (3 hrs.)
- **MUS 315** Music Rich Media (3 hrs.)
- **MUS 310** Studies in Advanced Music Technology* (1 hr.)
- **CHIL 401** Intro to Sound Reinforcement (1 hr.)
- **CHIL 402** Studio Recording and Music Production* (1 hr.)
- **Choice of one of the following**: 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 credit.**

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

### Music Composition Major (MUCM)

#### 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

#### Composition Concentration (MUCM)

**Major**

- **MUS 026-047** Applied Music: Primary 6
- **MUS 049** 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 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 303** Conducting I 2
- **MUS 401** Principles of Counterpoint 2
- **PRF 100** Piano Proficiency 0
- **PRF 101** Music Vocabulary Proficiency 0
- **MUS 001-023** Applied Music: Primary (nonvocal primaries—3 hours; vocal primaries—6 hours) 6
- **MUS 125-128** Class Piano I-IV 8
- **MUS 131** Class Voice 3

**Choice of three hours from the following courses:** 3
- **MUS 341** Brass and Percussion Instruments (1 hr.)
- **MUS 342** Woodwind Instruments (1 hr.)
- **MUS 441** String Instruments (1 hr.)

**Composition 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: MUC 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)** 3-6

Oral Communication (COM 101) 3

Humanities (HUM 111, 214) 6

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 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 303** Conducting I 2
- **MUS 401** Principles of Counterpoint 2
- **PRF 100** Piano Proficiency 0
- **PRF 101** Music Vocabulary Proficiency 0
- **MUS 444** Conducting II: Instrumental (for instrumental primaries) 3
- **MUS 445** Conducting II: Choral (for vocal and keyboard primaries) 2

**Choice of one of the following courses:** 2
- **MUS 443** Conducting I: Choral (for vocal and keyboard primaries)
- **PRF 443** Conducting I: Instrumental (for instrumental primaries)

**Non-Vocal Major Total** 39

**Vocal Major Total** 37

#### Instrumental Concentration (MUPI)

- **MUS 031-047** Applied Music: Primary 6
- **MUS 048** Primary Instrument: Composition 8

**MUS 001-125-128, 131, 135, 136** Applied Music: Secondary 4
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 326</td>
<td>Instrumental Pedagogy/Repertoire</td>
<td>1</td>
</tr>
<tr>
<td>MUS 341</td>
<td>Brass and Percussion Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 342</td>
<td>Woodwind Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 421</td>
<td>Senior Recital</td>
<td>3</td>
</tr>
<tr>
<td>MUS 441</td>
<td>String Instruments</td>
<td>1</td>
</tr>
</tbody>
</table>

**Instrumental Concentration Total**: 25

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 099</td>
<td>Music Seminar (7 semesters)</td>
<td>1</td>
</tr>
<tr>
<td>MUS 04-06, 131, 135-136</td>
<td>Applied Music: Secondary</td>
<td>4</td>
</tr>
<tr>
<td>MUS 327</td>
<td>Keyboard Pedagogy and Repertoire</td>
<td>1</td>
</tr>
<tr>
<td>MUS 341</td>
<td>Brass and Percussion Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 342</td>
<td>Woodwind Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 421</td>
<td>Senior Recital</td>
<td>3</td>
</tr>
<tr>
<td>MUS 441</td>
<td>String Instruments</td>
<td>1</td>
</tr>
</tbody>
</table>

**Keyboard Concentration Total**: 25

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 039</td>
<td>Applied Music: Primary</td>
<td>14</td>
</tr>
<tr>
<td>MUS 001, 125-128, 135-136</td>
<td>Applied Music: Secondary</td>
<td>4</td>
</tr>
<tr>
<td>MUS 241</td>
<td>Phonetics</td>
<td>1</td>
</tr>
<tr>
<td>MUS 242</td>
<td>Diction for Singers</td>
<td>2</td>
</tr>
<tr>
<td>MUS 325</td>
<td>Vocal Pedagogy and Repertoire</td>
<td>1</td>
</tr>
<tr>
<td>MUS 421</td>
<td>Senior Recital</td>
<td>3</td>
</tr>
</tbody>
</table>

**Vocal Concentration Total**: 25

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Vocal majors</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>Vocal majors</td>
<td></td>
<td>11</td>
</tr>
</tbody>
</table>

**Degree Total**: 128-129

---

**SACRED MUSIC MAJOR (MULW)**

**Bachelor of Music**

**General Education**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN 099</td>
<td>Personal Growth Assessment</td>
<td>0</td>
</tr>
<tr>
<td>ENG 101, 305</td>
<td>Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>HUM 111, 214</td>
<td>History and Literature of Music</td>
<td>6</td>
</tr>
<tr>
<td>BLIT 110, 120</td>
<td>Biblical Literature</td>
<td>6</td>
</tr>
<tr>
<td>THE 103</td>
<td>Theology</td>
<td>3</td>
</tr>
<tr>
<td>MUS 208</td>
<td>Health, Physical Education, and Recreation</td>
<td>3</td>
</tr>
<tr>
<td>HYS 101</td>
<td>American History</td>
<td>3</td>
</tr>
<tr>
<td>GOV 101</td>
<td>Government</td>
<td>3</td>
</tr>
<tr>
<td>MUS 208</td>
<td>Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>ENG 305</td>
<td>English</td>
<td>3</td>
</tr>
<tr>
<td>MUS 023</td>
<td>Health Fitness I and II, swimming course or proficiency, six electives</td>
<td>5</td>
</tr>
</tbody>
</table>

**General Education Total**: 49-50

**Major**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 026-047</td>
<td>Applied Music: Primary</td>
<td>14</td>
</tr>
<tr>
<td>MUS 061-065, 067 Performance Groups</td>
<td>Minimum two semesters choral</td>
<td>8</td>
</tr>
<tr>
<td>MUS 066</td>
<td>Oratorio Chorus (4 semesters)</td>
<td>0</td>
</tr>
<tr>
<td>MUS 099</td>
<td>Music Seminar (7 semesters of C or better)</td>
<td>2</td>
</tr>
<tr>
<td>MUS 101</td>
<td>Harmony I</td>
<td>2</td>
</tr>
<tr>
<td>MUS 102</td>
<td>Harmony II</td>
<td>2</td>
</tr>
<tr>
<td>MUS 103</td>
<td>Sight Singing and Ear Training I</td>
<td>2</td>
</tr>
<tr>
<td>MUS 104</td>
<td>Sight Singing and Ear Training II</td>
<td>2</td>
</tr>
<tr>
<td>MUS 105</td>
<td>Intro to Music Technology</td>
<td>1</td>
</tr>
<tr>
<td>MUS 201</td>
<td>Harmony, Sight Singing, and Ear Training III</td>
<td>3</td>
</tr>
<tr>
<td>MUS 202</td>
<td>Harmony, Sight Singing, and Ear Training IV</td>
<td>3</td>
</tr>
<tr>
<td>MUS 301</td>
<td>Form and Analysis</td>
<td>2</td>
</tr>
<tr>
<td>MUS 302</td>
<td>Orchestration</td>
<td>2</td>
</tr>
<tr>
<td>MUS 320</td>
<td>Songwriting and Arranging</td>
<td>2</td>
</tr>
<tr>
<td>MUS 333</td>
<td>Conducting I</td>
<td>2</td>
</tr>
<tr>
<td>MUS 341</td>
<td>Brass and Percussion Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 342</td>
<td>Woodwind Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 350</td>
<td>Hypnology</td>
<td>2</td>
</tr>
<tr>
<td>MUS 351</td>
<td>Service Playing</td>
<td>2</td>
</tr>
<tr>
<td>MUS 401</td>
<td>Principles of Counterpoint</td>
<td>1</td>
</tr>
<tr>
<td>MUS 441</td>
<td>String Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 443</td>
<td>Conducting II-Choral</td>
<td>2</td>
</tr>
<tr>
<td>MUS 451</td>
<td>Church Music Administration</td>
<td>1</td>
</tr>
<tr>
<td>MUS 452</td>
<td>Music and Worship in the Charismatic/Evangelical Church</td>
<td>1</td>
</tr>
<tr>
<td>MUS 455</td>
<td>Church Music Literature</td>
<td>1</td>
</tr>
<tr>
<td>MUS 490</td>
<td>Piano Proficiency</td>
<td>1</td>
</tr>
<tr>
<td>MUS 499</td>
<td>Church Music Practicum</td>
<td>1</td>
</tr>
<tr>
<td>MUS 501</td>
<td>Senior Recital</td>
<td>1</td>
</tr>
</tbody>
</table>

**Major Total**: 72

**Electives**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Vocal majors</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>Vocal majors</td>
<td></td>
<td>11</td>
</tr>
</tbody>
</table>

**Degree Total**: 131-132

---

**MUSIC EDUCATION MAJOR (MUE)**

With K-12 Teaching Licensure

**Bachelor of Music Education**

**Students seeking licensure to teach at the K-12 levels must complete the music education major, which leads to standard certification. Students interested in a teaching license should work closely with the advisor in the major department.**

**Students in the music education major choose a concentration in either vocal (MUEV) or instrumental (MUEI) music. Students may earn licensure in a second subject/content area or may earn both vocal and instrumental licensure. The Oklahoma Commission for Teacher Preparation requires the OSAT/OPTPE test(s) be passed in order to obtain a license in an additional subject/content area. Students interested in completing coursework toward additional licensing should consult with the music education coordinator and the advisor in the second subject area.**

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

**Instrumental Concentration (MUEI)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 001, 125-128, 135-136</td>
<td>Applied Music: Piano</td>
<td>2</td>
</tr>
<tr>
<td>MUS 033-047</td>
<td>Applied Music: Primary</td>
<td>10</td>
</tr>
<tr>
<td>MUS 065, 067 Performance Groups</td>
<td>Performance Groups</td>
<td>7</td>
</tr>
<tr>
<td>MUS 341</td>
<td>Brass and Percussion Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 342</td>
<td>Woodwind Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 441</td>
<td>String Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 442</td>
<td>Advanced String Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 444</td>
<td>Conducting II: Instrumental</td>
<td>2</td>
</tr>
</tbody>
</table>

**Choice of one of the following**: 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 004</td>
<td>Applied Music: Voice</td>
<td>1</td>
</tr>
<tr>
<td>MUS 029</td>
<td>Applied Music: Voice</td>
<td>2</td>
</tr>
<tr>
<td>MUS 131</td>
<td>Class Voice</td>
<td>1</td>
</tr>
<tr>
<td>MUS 325</td>
<td>Voice Pedagogy and Repertoire</td>
<td>1</td>
</tr>
</tbody>
</table>

**Instrumental Concentration Total**: 26

**Vocal Concentration (MUEV)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 026</td>
<td>Applied Music: Piano</td>
<td>10</td>
</tr>
<tr>
<td>MUS 029</td>
<td>Applied Music: Voice</td>
<td>2</td>
</tr>
</tbody>
</table>

**Choice of one of the following courses**: 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 004, 125-128, 135-136</td>
<td>Applied Music: Piano</td>
<td>2</td>
</tr>
</tbody>
</table>

**Degree Total**: 49

---

*MUE majors have the option to perform a full recital, preceded by a junior recital, a full senior paper/project (each for 3 credit hours), to perform a music education recital without a prerequisite junior recital, or to complete a music education paper/project (each for 2 credit hours). Both of these specific music education culminating activities are to be approximately two-thirds of the full requirements.*

---

**School of Arts and Cultural Studies**

---

**Social Sciences (MUS 208)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 104</td>
<td>Introduction to Music Technology</td>
<td>1</td>
</tr>
<tr>
<td>MUS 105</td>
<td>Harmony I</td>
<td>2</td>
</tr>
<tr>
<td>MUS 106</td>
<td>Oratorio Chorus (4 semesters)</td>
<td>0</td>
</tr>
<tr>
<td>MUS 099</td>
<td>Music Seminar (7 semesters)</td>
<td>2</td>
</tr>
</tbody>
</table>

**Health, Physical Education, and Recreation**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 441</td>
<td>String Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 442</td>
<td>Advanced String Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 444</td>
<td>Conducting II: Instrumental</td>
<td>2</td>
</tr>
</tbody>
</table>

**Choice of one of the following**: 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 004</td>
<td>Applied Music: Voice</td>
<td>1</td>
</tr>
<tr>
<td>MUS 029</td>
<td>Applied Music: Voice</td>
<td>2</td>
</tr>
<tr>
<td>MUS 131</td>
<td>Class Voice</td>
<td>1</td>
</tr>
<tr>
<td>MUS 325</td>
<td>Voice Pedagogy and Repertoire</td>
<td>1</td>
</tr>
</tbody>
</table>

**General Education Total**: 56.5

---

**Instrumental Concentration Total**: 26

---

**Vocal Concentration (MUEV)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 026</td>
<td>Applied Music: Piano</td>
<td>10</td>
</tr>
</tbody>
</table>

**Choice of one of the following courses**: 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 004, 125-128, 135-136</td>
<td>Applied Music: Piano</td>
<td>2</td>
</tr>
</tbody>
</table>

**Degree Total**: 49
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

Music Theory

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

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

MUS 207 Guitar Skills and Improvisation (2 hrs.)
MUS 208 Music in World Cultures (3 hrs.)
MUS 241 Phonetics for Singers (1 hr.)
MUS 242 Diction for Singers (1 hr.)
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 340 Brass and Percussion Instruments I (1 hr.)
MUS 341 Brass and Percussion Instruments II (1 hr.)
MUS 342 Woodwind Instruments Class I (1 hr.)
MUS 343 Woodwind Instruments Class II (1 hr.)
MUS 350 Holy Music (2 hrs.)
MUS 351 Service Playing (2 hrs.)
MUS 411 String Instruments I (1 hr.)
MUS 412 Music and Worship in the Charismatic/Evangelical Church (3 hrs.)
MUS 456 Church Music Literature (1 hr.)

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

Music Technology

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

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

MUS 207 Applied Music (3 hrs.)
MUS 301/303 Advanced Music Production I (2 hrs.)
MUS 312/314 Advanced Studio Recording I (2 hrs.)

Music Technology Electives*

MUS 301/303 Advanced Music Production I (2 hrs.)
MUS 302/304 Advanced Music Production II (2 hrs.)
MUS 303/305 Advanced Studio Recording II (2 hrs.)

Performance Groups

MUS 131 Class Voice (1 hr.)
MUS 135-136 Class Guitar I-II (1 hr.)
MUS 207 Guitar Skills and Improvisation (2 hrs.)

Electives

MUS 207 Guitar Skills and Improvisation (2 hrs.)

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 hrs.)
ART 440 Computer Graphics (DTP) (3 hrs.)

Choice of one of the following courses: (3 hrs.)

ART 101 Fundamentals of Art I (3 hrs.)
ART 213 Drawing (3 hrs.)
Communication Arts
Choice of three of the following courses: 9
MMC 128 Principles of Audio Production (3 hrs.)
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 (2 hrs.)
MMC 412 Advanced Interactive Media (3 hrs.)
MMC 417 Media Analysis (3 hrs.)

Applied Music (Primary Instrument or Voice)
MUS 026 Piano (Jury)**
MUS 027 Organ (Jury)**
MUS 028 Harpsichord (Jury)**
MUS 029 Voice (Jury)
MUS 030 Guitar (Jury)
MUS 031 Harp (Jury)**
MUS 032 Violin (Jury)
MUS 033 Viola (Jury)
MUS 035 Violincello (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 Workshop (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 071 Choir
MUS 077 Basketball Band
MUS 083 Brass Ensemble
MUS 085 Vocal Jazz Ensemble
MUS 086 Jazz Combo
MUS 089 Contemporary Music Ministry Ensemble

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 Violincello
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 Workshop

MUS 028 Harpsichord (Jury)**
MUS 029 Voice (Jury)
MUS 030 Guitar (Jury)
MUS 031 Harp (Jury)**
MUS 032 Violin (Jury)
MUS 033 Viola (Jury)
MUS 035 Violincello (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 Workshop (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 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 106 Preparatory Class Piano
MUS 107 Introduction to Music Theory
MUS 108 Keyboard Skills and Improvisation
MUS 109 Orchestration
MUS 110 Wind Ensemble
MUS 111 Opera Theatre
MUS 112 Jazz Ensemble
MUS 113 Basketball Band
MUS 114 Brass Ensemble
MUS 115 Vocal Jazz Ensemble
MUS 116 Jazz Combo
MUS 117 Contemporary Music Ministry Ensemble

MUS 201 Harmony, Sight Singing, and Ear Training III
MUS 202 Harmony, Sight Singing, and Ear Training IV
MUS 203 History and Literature of Music I
MUS 204 History and Literature of Music II
MUS 205 Guitar Skills and Improvisation
MUS 206 Music in World Cultures
MUS 207 Keyboard Skills and Improvisation

MUS 228 Contemporary Music Theory/Lead Chart
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 328 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

Bill Elliott .................. Assistant Professor of Business
B.S., Oklahoma State University, 1970; M.S., Northeastern State University, 1997.

George E. Gillen .................. Professor of Business

Steven Greene .................. Professor of Business and Associate Dean

M. Ray Gregg .................. Assistant Professor of Accounting

Julie Huntley .................. Professor of Marketing

Mark Lewandowski .................. Professor of Management

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

Chin Choo Robinson .............. Assistant Professor of International Business
B.S., United Kingdom Chartered Institute of Singapore, 1984; M.B.A., Oklahoma City University, 1985; 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

Terry M. Unruh .................. Assistant Professor of Accounting

Jonathan Wiley .................. Instructor

Marshall 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

UNDERGRADUATE 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 learning 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

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099) 0</td>
</tr>
<tr>
<td>English (ENG 101, 305) 6</td>
</tr>
<tr>
<td>Oral Communication (COM 101) 3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214) 12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120) 6</td>
</tr>
<tr>
<td>Theology (THE 103) 3</td>
</tr>
<tr>
<td>Laboratory Science 8</td>
</tr>
<tr>
<td>Mathematics (MAT 232) 3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099) 0</td>
</tr>
<tr>
<td>English (ENG 101, 305) 6</td>
</tr>
<tr>
<td>Oral Communication (COM 101) 3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214) 12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120) 6</td>
</tr>
<tr>
<td>Theology (THE 103) 3</td>
</tr>
<tr>
<td>Laboratory Science 8</td>
</tr>
<tr>
<td>Mathematics (MAT 232) 3</td>
</tr>
</tbody>
</table>
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                      3
ACT 443 Advanced Tax Accounting                         3
ACT 471 Estate and Gift Taxation                        3
FIN 303 Money and Banking Finance                       3
FIN 428 Bank Management                                 3
FIN 452 Corporate Financial Decision-Making            3
FIN 460 International Finance                           3
FIN 472 Principles of Estate Planning                   3
MGT 351 Risk Management                                 3
MGT 384 Real Estate 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
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
(BUSINESS ADMINISTRATION MAJOR (BUS))
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 systems skills necessary to process and present this information. The program includes training in Java programming, studies in current methods of systems analysis and design, and a task force approach to business analysis and problem-solving.

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, 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
BUS 326 Business Law II                                3
FIN 338 Financial Management                            3
MGT 130 Principles of 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         3
MIS 212 Advanced Business Microcomputer Applications   3

Computer Cognate Total 12

Electives 4

Degree Total 128

BIBLICAL LITERATURE MAJOR (BLIT)
Bachelor of Science

The biblical literature major provides a broad background in the study of the Bible as a source of social understanding and appreciation of the interrelationships in business.

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) 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 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
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         3
MAT 201 Calculus                                       3

Cognate Total 12-13

Minor 18

Electives 12-13

Degree Total 128

Program Total 128

American Business (BUS)
**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.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (ENG 101, 105)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics (MAT 232)</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, MUS 208, SOC 323, FIN 244)</td>
<td>5</td>
</tr>
</tbody>
</table>

| Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives) | 5 |

**General Education Total** | 55 |

<table>
<thead>
<tr>
<th>Major</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT 215 Principles of Financial Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACT 216 Principles of Managerial Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACT 320 Quantitative Analysis</td>
<td>3</td>
</tr>
<tr>
<td>BUS 361 International Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 499 Senior Paper</td>
<td>3</td>
</tr>
<tr>
<td>FIN 338 Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 130 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 341 Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>MGT 352 Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MGT 431 Strategic Management</td>
<td>3</td>
</tr>
<tr>
<td>Choice of four of the following courses:</td>
<td>12</td>
</tr>
<tr>
<td>ACT 432 Managerial Cost Accounting</td>
<td>3</td>
</tr>
<tr>
<td>FIN 428 Bank Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 339 Supply Chain Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 351 Risk Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 353 Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 372 Creative Thinking</td>
<td>3</td>
</tr>
<tr>
<td>MGT 384 Real Estate Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 421 Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td>MGT 422 Small Business Basics</td>
<td>3</td>
</tr>
<tr>
<td>MGT 443 Executive Development</td>
<td>3</td>
</tr>
<tr>
<td>MGT 461 Conflict Resolution</td>
<td>3</td>
</tr>
<tr>
<td>MGT 465 Administration of Nonprofit Organizations</td>
<td>3</td>
</tr>
</tbody>
</table>

**Major Total** | 30 |

<table>
<thead>
<tr>
<th>Cognate</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 099 Business Seminar</td>
<td>0</td>
</tr>
<tr>
<td>BUS 099 Business Seminar</td>
<td>0</td>
</tr>
<tr>
<td>BUS 201 Principles of Economics I</td>
<td>3</td>
</tr>
<tr>
<td>BUS 202 Principles of Economics II</td>
<td>3</td>
</tr>
<tr>
<td>BUS 325 Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>Choice of one of the following two courses:</td>
<td>3-4</td>
</tr>
<tr>
<td>CSC 112 Microcomputer Applications in Business</td>
<td>3-4</td>
</tr>
<tr>
<td>MAT 201 Calculus I (4 hrs.)</td>
<td>3-4</td>
</tr>
</tbody>
</table>

**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.

**General Education**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
</tr>
<tr>
<td>English (ENG 101, 105)</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
</tr>
<tr>
<td>Laboratory Science</td>
</tr>
<tr>
<td>Mathematics (MAT 232)</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
</tr>
<tr>
<td>Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, MUS 208, SOC 323, FIN 244)</td>
</tr>
</tbody>
</table>

| Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives) | 5 |

**General Education Total** | 55 |

<table>
<thead>
<tr>
<th>Major</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 499 Senior Paper</td>
<td>3</td>
</tr>
<tr>
<td>FIN 338 Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 130 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 341 Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>MGT 352 Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MGT 431 Strategic Management</td>
<td>3</td>
</tr>
<tr>
<td>Choice of four of the following courses:</td>
<td>12</td>
</tr>
<tr>
<td>ACT 432 Managerial Cost Accounting</td>
<td>3</td>
</tr>
<tr>
<td>FIN 428 Bank Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 339 Supply Chain Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 351 Risk Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 353 Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 372 Creative Thinking</td>
<td>3</td>
</tr>
<tr>
<td>MGT 384 Real Estate Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 421 Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td>MGT 422 Small Business Basics</td>
<td>3</td>
</tr>
<tr>
<td>MGT 443 Executive Development</td>
<td>3</td>
</tr>
<tr>
<td>MGT 461 Conflict Resolution</td>
<td>3</td>
</tr>
<tr>
<td>MGT 465 Administration of Nonprofit Organizations</td>
<td>3</td>
</tr>
</tbody>
</table>

**Major Total** | 30 |

<table>
<thead>
<tr>
<th>Cognate</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 099 Business Seminar</td>
<td>0</td>
</tr>
<tr>
<td>BUS 099 Business Seminar</td>
<td>0</td>
</tr>
<tr>
<td>BUS 201 Principles of Economics I</td>
<td>3</td>
</tr>
<tr>
<td>BUS 202 Principles of Economics II</td>
<td>3</td>
</tr>
<tr>
<td>BUS 325 Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>BUS 326 Business Law II</td>
<td>3</td>
</tr>
<tr>
<td>CSC 112 Microcomputer Applications in Business</td>
<td>3</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
</tr>
<tr>
<td>English (ENG 101, 105)</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
</tr>
<tr>
<td>Laboratory Science</td>
</tr>
<tr>
<td>Mathematics (MAT 232)</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
</tr>
<tr>
<td>Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, MUS 208, SOC 323, FIN 244)</td>
</tr>
</tbody>
</table>

| Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives) | 5 |

**General Education Total** | 55 |

<table>
<thead>
<tr>
<th>Major</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 499 Senior Paper</td>
<td>3</td>
</tr>
<tr>
<td>MGT 341 Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>MGT 352 Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MGT 431 Strategic Management</td>
<td>3</td>
</tr>
<tr>
<td>Choice of four of the following courses:</td>
<td>12</td>
</tr>
<tr>
<td>ACT 432 Managerial Cost Accounting</td>
<td>3</td>
</tr>
<tr>
<td>FIN 428 Bank Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 339 Supply Chain Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 351 Risk Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 353 Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 372 Creative Thinking</td>
<td>3</td>
</tr>
<tr>
<td>MGT 384 Real Estate Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 421 Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td>MGT 422 Small Business Basics</td>
<td>3</td>
</tr>
<tr>
<td>MGT 443 Executive Development</td>
<td>3</td>
</tr>
<tr>
<td>MGT 461 Conflict Resolution</td>
<td>3</td>
</tr>
<tr>
<td>MGT 465 Administration of Nonprofit Organizations</td>
<td>3</td>
</tr>
</tbody>
</table>

**Major Total** | 30 |

<table>
<thead>
<tr>
<th>Cognate</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 099 Business Seminar</td>
<td>0</td>
</tr>
<tr>
<td>BUS 099 Business Seminar</td>
<td>0</td>
</tr>
<tr>
<td>BUS 201 Principles of Economics I</td>
<td>3</td>
</tr>
<tr>
<td>BUS 202 Principles of Economics II</td>
<td>3</td>
</tr>
<tr>
<td>BUS 325 Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>BUS 326 Business Law II</td>
<td>3</td>
</tr>
<tr>
<td>CSC 112 Microcomputer Applications in Business</td>
<td>3</td>
</tr>
</tbody>
</table>

**Cognate Total** | 30 |

**Electives** | 13 |

**Degree Total** | 128 |
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, marketing, management, 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
Choice of two from the following courses: 6
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 429 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 330 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-
inination 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 specialization. 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.

<table>
<thead>
<tr>
<th>Leveling Courses*</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT 215 Principles of Financial Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACT 216 Principles of Managerial Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BUS 325 Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>FIN 338 Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>MAT 232 Elementary Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MGT 130 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 130 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>GSC 112 Microcomputer Applications in Business</td>
<td>3</td>
</tr>
</tbody>
</table>

Choice of one of the following two courses: 3

| BUS 201 Principles of Economics | 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

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTHE 507 Holy Spirit in the Now</td>
</tr>
<tr>
<td>GHPE 503 Graduate Health Fitness**</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>M.B.A. Managerial Courses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>GACT 562 Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 565 Strategic Management</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 566 Management Simulation</td>
<td>1</td>
</tr>
<tr>
<td>GBUS 504 Communications in Contemporary Business</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 574 Competitive Business Intelligence</td>
<td>2</td>
</tr>
<tr>
<td>GBUS 592 Economic Theory</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 598 Research Methodology</td>
<td>3</td>
</tr>
<tr>
<td>GFIN 563 Finance</td>
<td>3</td>
</tr>
<tr>
<td>GMGT 561 Management in a Globalized Era</td>
<td>3</td>
</tr>
<tr>
<td>GMGT 585 Quantitative Management</td>
<td>3</td>
</tr>
<tr>
<td>GMKT 564 Marketing Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Choice of one of the following:** 3

| GACT Elective | |
| GBUS Elective | |
| GFIN Elective | |
| GINB Elective | |
| GMGT 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

- **Finance (GFIN)**
  - GFIN Elective 3
  - GFIN Elective 3

- **International Business (GINB)**
  - GINB Elective 3
  - GINB Elective 3

- **Management (GMGT)**
  - GMGT Elective 3
  - GMGT Elective 3

- **Marketing (GMKT)**
  - GMKT Elective 3
  - GMKT Elective 3

- **Nonprofit Management (GNPM)**
  - GFIN 573 Development of Nonprofit Organizations 2
  - GBUS 550 Legal Issues of Nonprofit Organizations 2
  - GMGT 521 Administration of Nonprofit Organizations 3
  - GMKT 535 Services Marketing 3

**Nonprofit Management Concentration Total** 10

- **Entrepreneurship (GENT)**
  - GFIN 555 Entrepreneurship 3
  - GMGT 534 Promotional Marketing 3
  - GMKT 541 Creative Thinking 3
  - GMKT 556 Small Business Basics 3

**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.

**ORU Distinctive Courses**

<table>
<thead>
<tr>
<th>Course Offering</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTHE 507 Holy Spirit in the Now</td>
<td>2</td>
</tr>
<tr>
<td>GHPE 503 Graduate Health Fitness</td>
<td>1</td>
</tr>
<tr>
<td>Choice of one of the following:</td>
<td>5</td>
</tr>
<tr>
<td>GHPE 515 Graduate Aerobics</td>
<td></td>
</tr>
<tr>
<td>GHPE 525 Graduate Walk for Fitness</td>
<td></td>
</tr>
<tr>
<td>HPE Elective</td>
<td></td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Course Offering</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GMGT 561 Management in a Globalized Era</td>
<td>3</td>
</tr>
<tr>
<td>GMGT 600 Leadership Studies</td>
<td>3</td>
</tr>
<tr>
<td>GMKT 564 Marketing Management</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 504 Communications</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 565 Strategic Management in Contemporary Business</td>
<td>2</td>
</tr>
<tr>
<td>GBUS 572 Business Ethics</td>
<td>2</td>
</tr>
<tr>
<td>GBUS 574 Competitive Business Intelligence</td>
<td>2</td>
</tr>
<tr>
<td>GMGT 560 Conflict Resolution</td>
<td>2</td>
</tr>
</tbody>
</table>

**Core Total:** 20

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

**Sales Marketing Concentration (GSMT)**

<table>
<thead>
<tr>
<th>Course Offering</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GACT 564 Becker CPA--Regulation</td>
<td>3</td>
</tr>
<tr>
<td>GACT 570 Accounting Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>GACT 571 Estate and Gift Taxation</td>
<td>3</td>
</tr>
<tr>
<td>GACT 574 Competitive Business Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>GACT 580 Nonprofit Accounting and Finance</td>
<td>3</td>
</tr>
</tbody>
</table>

**Nonprofit Management Concentration (GNPM)**

<table>
<thead>
<tr>
<th>Course Offering</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GMGT 550 Legal Issues of Nonprofit Organizations</td>
<td>3</td>
</tr>
<tr>
<td>GMBX 504 Investments</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 550 Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 555 Strategic Management</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 556 Management Simulation</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 572 Business Ethics</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 574 Competitive Business Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 582 Economic Theory</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 598 Research Methodology</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 599 Research</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 999 Elective</td>
<td></td>
</tr>
</tbody>
</table>
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 to prepare professional Christian educators “to go into every person’s world” and 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

Jerry Estleman…………..Instructor

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.

Evelyne Lindberg…………..Assistant Professor
B.A., Oral Roberts University, 1979; M.A., University of Tulsa, 1983.

Marsha Livingston…………..Instructor

Jean C. Mosley…………..Professor

Graduate

Dwight Davidson…………..Assistant Professor
B.S., Oklahoma State University, 1972; M.S., 1975; Ed.D., 1980.

David B. Hand…………..Professor and Dean

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, 1983; 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

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

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 lifelong 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 stu-
(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-Based Experience (PED 111 or 121)
- **Complete the application form and submit it to the Professional Education Program Admission and Retention chairperson.**
- **Meet for an interview with an admissions committee composed of a minimum of three faculty members.**
- **Recommendations without reservations must be received from the committee.**
- **Express interest in teaching as demonstrated by prior experiences and activities with children.**
- **Demonstrate personal traits that suggest potential for working with youth, parents, and other constituents in education.**

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 Professional Education Program, and competencies as set by Oral Roberts University, the School of Education, and the Oklahoma Commission of 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 candidate is prepared to meet the needs of today's students. Where at other times the focus is on instruction and pedagogy, student teaching is the culminating experience of the program. In student teaching, candidates are required to create and implement lessons, grade, and assess student performance, engage in professional development, and reflect on their experiences. Student teaching provides candidates with the opportunity to apply the knowledge and skills they have developed throughout their program.

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 (CCTP), the School of Education at Oral Roberts University requires all education majors to prepare an electronic portfolio. The CCTP 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 acknowledged 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 determine 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.

The portfolio is an assessment instrument to determine 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.
**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.

### General Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN 099</td>
<td>Health, Physical Education, and Recreation</td>
<td>4.5</td>
</tr>
</tbody>
</table>

#### Choice of one of the following:

- **PRF 001** Foreign Language Proficiency (Modern Foreign Language 102 (5 hrs.)

#### General Education Total

67.5

### Major

#### English

- **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/ELE 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)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESL 303</td>
<td>TESL Principles</td>
<td>3</td>
</tr>
<tr>
<td>ESL 315</td>
<td>Descriptive Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>ESL 343</td>
<td>TESL Methods and Materials</td>
<td>3</td>
</tr>
<tr>
<td>ESL 353</td>
<td>TESL Curriculum Design</td>
<td>3</td>
</tr>
<tr>
<td>ESL 393</td>
<td>TESL Assessment</td>
<td>3</td>
</tr>
<tr>
<td>ESL 413</td>
<td>Cross-Cultural Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

**ESL Concentration Total**

18

#### Early Childhood Education Concentration (ECH)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 212</td>
<td>Foundations of Early Childhood</td>
<td>3</td>
</tr>
<tr>
<td>ECE 250</td>
<td>Education and Physical Development</td>
<td>3</td>
</tr>
<tr>
<td>ECE 303</td>
<td>Symbol Development and Creativity of the Young Child</td>
<td>3</td>
</tr>
</tbody>
</table>

**ECH Concentration Total**

18

**SPED Concentration Total**

20

**Professional Education Total**

31

**Degree Total**

129.5-132.5

**SPECIAL EDUCATION MILD-MODERATE DISABILITIES MAJOR (SPED) with Dual Licensure**

**Bachelor of Science**

### General Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN 099</td>
<td>Health, Physical Education, and Recreation</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**General Education Total**

67.5

### Major

#### English

- **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/ELE Concentration

13-16

**Major Total**

30-33

**SPED Concentration Total**

20

**Professional Education Total**

31

**Degree Total**

131.5-134.5

### Special Education Concentration (SPED)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESL 303</td>
<td>TESL Principles</td>
<td>3</td>
</tr>
<tr>
<td>SED 313</td>
<td>Assessment and Program Planning</td>
<td>3</td>
</tr>
<tr>
<td>SED 323</td>
<td>Parents and Families of Students with Special Needs</td>
<td>3</td>
</tr>
<tr>
<td>SED 352</td>
<td>Behavior Management Strategies</td>
<td>2</td>
</tr>
<tr>
<td>SED 363</td>
<td>Effective Instruction for Students with Mild-Moderate Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SED 403</td>
<td>Methods, Strategies, and Techniques for Teaching Students with Mild Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SED 423</td>
<td>Issues, Trends, and Curriculum Modification in Special Education</td>
<td>3</td>
</tr>
</tbody>
</table>

**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

**ECE Concentration Total**

13

**Profession Education**

- **PED 100** Education Seminar (every semester) | 0
- **PED 111** Field Based Experience/Practicum | 1
- **PED 121** Field Based Experience (Secondary) | 2
- **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

**Degree Total**

131.5-134.5

**Humanities (HUM 111, 123, 214)** | 12
- **Biblical Literature (BLIT 110, 120)** | 6
- **Theology (THE 103)** | 3
- **Sociology (SOC 323)** | 3
- **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)**

**ESL Concentration**

13-16

**ESL/ELE Concentration**

13-16

**SPED Concentration**

20

**Professional Education**

- **PED 100** Education Seminar (every semester) | 0
- **PED 111** Field Based Experience/Practicum (Elementary) | 1
- **PED 121** Field Based Experience (Secondary) | 2
- **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

**Degree Total**

129.5-132.5

**ESL Concentration Total**

12-16

**ESL/ELE Concentration Total**

13-16

**SPED Concentration Total**

20

**Professional Education**

- **PED 100** Education Seminar (every semester) | 0
- **PED 111** Field Based Experience/Practicum (Elementary) | 1
- **PED 121** Field Based Experience (Secondary) | 2
- **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

**Degree Total**

129.5-132.5
## 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 212</td>
<td>Foundations of Early Childhood Education and Physical Development</td>
<td>3</td>
</tr>
<tr>
<td>ECE 303</td>
<td>Symbol Development and Creativity</td>
<td>3</td>
</tr>
<tr>
<td>ECE 313</td>
<td>Psychosocial Development and Guidance of the Young Child</td>
<td>3</td>
</tr>
<tr>
<td>ECE 323</td>
<td>Cognitive Development of the Young Child with Practicum</td>
<td>3</td>
</tr>
<tr>
<td>ELE 314</td>
<td>Reading and Language Arts</td>
<td>3</td>
</tr>
<tr>
<td>ELE 344</td>
<td>Elementary Reading Methods with Practicum</td>
<td>4</td>
</tr>
<tr>
<td>ELE 403</td>
<td>Literacy Assessment with Clinical Experience</td>
<td>3</td>
</tr>
<tr>
<td>ESL/SED 1</td>
<td>Concentration</td>
<td>9-14</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>31-36</td>
</tr>
</tbody>
</table>

#### Special Education Concentration (SPED)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SED 313</td>
<td>Assessment and Program Planning</td>
<td>3</td>
</tr>
<tr>
<td>SED 323</td>
<td>Parents and Families of Students with Special Needs</td>
<td>3</td>
</tr>
<tr>
<td>SED 352</td>
<td>Behavior Management Strategies</td>
<td>2</td>
</tr>
<tr>
<td>SED 403</td>
<td>Methods, Strategies, and Techniques for Teaching Students with Mild-Moderate Disabilities</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>9</td>
</tr>
</tbody>
</table>

#### Professional Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PED 100</td>
<td>Education Seminar (every semester)</td>
<td>0</td>
</tr>
<tr>
<td>PED 111*</td>
<td>Field-Based Experience/Practicum</td>
<td>1</td>
</tr>
<tr>
<td>PED 203</td>
<td>Foundations and Methods of Education</td>
<td>3</td>
</tr>
<tr>
<td>PED 222</td>
<td>School Health Care</td>
<td>1</td>
</tr>
<tr>
<td>PED 313</td>
<td>Human Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>PED 361</td>
<td>Professional Education Seminar/Portfolio (2 semesters)</td>
<td>0</td>
</tr>
<tr>
<td>PED 363</td>
<td>Educational Technology</td>
<td>3</td>
</tr>
<tr>
<td>PED 372</td>
<td>Classroom Management and Educational Law</td>
<td>3</td>
</tr>
<tr>
<td>PED 382</td>
<td>Educational Assessment</td>
<td>3</td>
</tr>
<tr>
<td>PED 401</td>
<td>Instructional Methods and Strategies: Elementary</td>
<td>3</td>
</tr>
<tr>
<td>PED 465</td>
<td>Intern/Student Teaching: Early Childhood</td>
<td>4</td>
</tr>
<tr>
<td>ESL 303</td>
<td>TESL Principles</td>
<td>3</td>
</tr>
<tr>
<td>SED 353</td>
<td>Introduction to Special Education: Mild-Moderate Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>PED 475</td>
<td>Student Teaching: Elementary**</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>34</td>
</tr>
</tbody>
</table>

#### Degree Total

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>132.5-137.5</td>
</tr>
</tbody>
</table>

*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, of which must be taken on campus, and (4) 28 hours of specialized education in elementary education.

#### General Education Prerequisites* Credit Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELE 314</td>
<td>Reading and Language Arts</td>
<td>4</td>
</tr>
<tr>
<td>ELE 323</td>
<td>Children’s Literature and the Library</td>
<td>3</td>
</tr>
<tr>
<td>ELE 342</td>
<td>Motor Learning, Games, and Activities Methods</td>
<td>2</td>
</tr>
<tr>
<td>ELE 343</td>
<td>Fine Arts Methods (Art, Music, Drama)</td>
<td>3</td>
</tr>
<tr>
<td>ELE 344</td>
<td>Elementary Reading Methods</td>
<td>4</td>
</tr>
<tr>
<td>ELE 364</td>
<td>Mathematics Methods</td>
<td>3</td>
</tr>
<tr>
<td>ELE 383</td>
<td>Science Methods</td>
<td>3</td>
</tr>
<tr>
<td>ELE 393</td>
<td>Social Studies Methods</td>
<td>3</td>
</tr>
<tr>
<td>ELE 403</td>
<td>Literacy Assessment with Clinical Experience</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>28</td>
</tr>
</tbody>
</table>

*Offered only as residential courses in summer institute and modules.
+Cannot be taken before being admitted into the Professional Education Program.

#### Specialized Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELE 314</td>
<td>Reading and Language Arts</td>
<td>4</td>
</tr>
<tr>
<td>ELE 323</td>
<td>Children’s Literature and the Library</td>
<td>3</td>
</tr>
<tr>
<td>ELE 342</td>
<td>Motor Learning, Games, and Activities Methods</td>
<td>2</td>
</tr>
<tr>
<td>ELE 343</td>
<td>Fine Arts Methods (Art, Music, Drama)</td>
<td>3</td>
</tr>
<tr>
<td>ELE 344</td>
<td>Elementary Reading Methods</td>
<td>4</td>
</tr>
<tr>
<td>ELE 364</td>
<td>Mathematics Methods</td>
<td>3</td>
</tr>
<tr>
<td>ELE 383</td>
<td>Science Methods</td>
<td>3</td>
</tr>
<tr>
<td>ELE 393</td>
<td>Social Studies Methods</td>
<td>3</td>
</tr>
<tr>
<td>ELE 403</td>
<td>Literacy Assessment with Clinical Experience</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>129</td>
</tr>
</tbody>
</table>

---

**Note:** Students majoring in early childhood education choose a concentration in either English as a second language or special education.
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.

ORU Distinctive Courses  Credit Hours
GHPE 503* Graduate Health Fitness 3.5
Choice of one of the following:
GPED 513 History and Philosophy of Education 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 3
GPED 553 Introduction to Special Education: Mild-Moderate Disabilities 3
Choice of one of the following courses: 5
GTHE 507 Holy Spirit in the Now 2
GHPE 503* Graduate Health Fitness .5
Choice of one of the following:
GHPE 515 Graduate Aerobics 3
GPED 525 Graduate Walk for Fitness 3
HPE Activities course
GHPE 525 Graduate Walk for Fitness 3
GPED 683 Educational Research Design 3
GPED 690 Directed Study 3

*Students who completed Health Fitness I and II as undergraduates need to substitute an activities course for GHPE 503.

Professional Education

Choice of one of the following courses: 3
GCSE 612 Organization and Administration of Christian Schools 3
GPED 693 Thesis 3
GPED 723 School Finance 3
GPED 733 School Law/Legal Issues in Education 3

Curriculum Specialization Total 18

Degree Total 36-36.5

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.

ORU Distinctive Courses  Credit Hours
GTHE 507 Holy Spirit in the Now 2
GHPE 503* Graduate Health Fitness 3.5
Choice of one of the following:
GHPE 515 Graduate Aerobics 3
GPED 525 Graduate Walk for Fitness 3
HPE Activities course

*Students who completed Health Fitness I and II as undergraduates need to substitute an activities course for GHPE 503.

Professional Education

Choice of one of the following courses: 3
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

*Students who completed Health Fitness I and II as undergraduates need to substitute an activities course for GHPE 503.
**Professional Education**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPED 503</td>
<td>History and Philosophy of Education</td>
<td>3</td>
</tr>
<tr>
<td>GPED 563</td>
<td>Educational Research Design</td>
<td>3</td>
</tr>
<tr>
<td>GPED 723</td>
<td>School Finance</td>
<td>3</td>
</tr>
<tr>
<td>GPED 733</td>
<td>School Law/Legal Issues in Education</td>
<td>3</td>
</tr>
<tr>
<td>GPED 753</td>
<td>Curriculum/Instructional Design and School Services</td>
<td>3</td>
</tr>
</tbody>
</table>

**Professional Education Total**: 15

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

### Christian/Private School Administration Concentration (CSEA)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPED 693</td>
<td>Evaluation for Administrators</td>
<td>3</td>
</tr>
<tr>
<td>GPED 834</td>
<td>Organization and Supervision of Programs for Exceptional Individuals</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 613</td>
<td>Organization and Administration of Christian Schools</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 683</td>
<td>Internship (Administration)</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 684</td>
<td>Internship</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 713</td>
<td>Educational Leadership and Supervision</td>
<td>3</td>
</tr>
</tbody>
</table>

**Christian School Concentration Total**: 18

### Public School Administration Concentration (GPSA)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPED 703</td>
<td>Advanced Psychology of Childhood and Adolescence</td>
<td>3</td>
</tr>
<tr>
<td>GPED 713</td>
<td>Educational Leadership, Supervision, and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>GPED 743</td>
<td>Organization and Administration of Public Schools</td>
<td>3</td>
</tr>
<tr>
<td>GPED 763</td>
<td>Human Resources in Education</td>
<td>3</td>
</tr>
<tr>
<td>GPED 783</td>
<td>Internship/Practicum in Elementary School Administration</td>
<td>3</td>
</tr>
<tr>
<td>GPED 793</td>
<td>Internship/Practicum in Secondary School Administration</td>
<td>3</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTH 507</td>
<td>Holy Spirit in the Now</td>
<td>2</td>
</tr>
<tr>
<td>GHPE 503*</td>
<td>Graduate Health Fitness</td>
<td>.5-1</td>
</tr>
<tr>
<td>Choice of one of the following:</td>
<td></td>
<td>.5</td>
</tr>
<tr>
<td>GHPE 515</td>
<td>Graduate Aerobics</td>
<td></td>
</tr>
<tr>
<td>GHPE 525</td>
<td>Graduate Walk for Fitness</td>
<td></td>
</tr>
<tr>
<td>HPE</td>
<td>Activities course</td>
<td></td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPED 503</td>
<td>History and Philosophy of Education</td>
<td>3</td>
</tr>
<tr>
<td>GPED 593</td>
<td>Evaluation for Administrators</td>
<td>3</td>
</tr>
<tr>
<td>GPED 683</td>
<td>Educational Research Design</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 733</td>
<td>Characteristics of the Adult Learner</td>
<td>3</td>
</tr>
</tbody>
</table>

**Professional Education Total**: 12

### Administration Specialization

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPED 723</td>
<td>School Finance</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 724</td>
<td>Governance and History of College and Higher Education</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 668</td>
<td>Internship (Administration)</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 684</td>
<td>Internship</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 713</td>
<td>Educational Leadership and Supervision</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 723</td>
<td>Administration of College and Higher Education</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 743</td>
<td>Curriculum Survey and Design for College and Higher Education</td>
<td>3</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTH 507</td>
<td>Holy Spirit in the Now</td>
<td>2</td>
</tr>
<tr>
<td>GHPE 503*</td>
<td>Graduate Health Fitness</td>
<td>.5-1</td>
</tr>
<tr>
<td>Choice of one of the following:</td>
<td></td>
<td>.5</td>
</tr>
<tr>
<td>GHPE 515</td>
<td>Graduate Aerobics</td>
<td></td>
</tr>
<tr>
<td>GHPE 525</td>
<td>Graduate Walk for Fitness</td>
<td></td>
</tr>
<tr>
<td>HPE</td>
<td>Activities course</td>
<td></td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TESL 513</td>
<td>Cross-Cultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>TESL 515</td>
<td>Descriptive Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>TESL 516</td>
<td>Sociolinguistics</td>
<td>3</td>
</tr>
<tr>
<td>TESL 543</td>
<td>TESL Methods and Materials</td>
<td>3</td>
</tr>
<tr>
<td>TESL 553</td>
<td>TESL Curriculum Design</td>
<td>3</td>
</tr>
<tr>
<td>TESL 563</td>
<td>TESL Internship</td>
<td>3</td>
</tr>
<tr>
<td>TESL 593</td>
<td>TESL Assessment</td>
<td>3</td>
</tr>
<tr>
<td>TESL 690</td>
<td>Directed Study</td>
<td>3</td>
</tr>
<tr>
<td>GPED 503</td>
<td>History and Philosophy of Education</td>
<td>3</td>
</tr>
<tr>
<td>Choice of one of the following courses:</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**TESL Total**: 33

---

**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 superintendent without completing the degree program or may pursue an individualized degree program without the superintendent 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 master’s 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, and discussing why the student wants to pursue an advanced degree.

**Professional Education**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPED 503</td>
<td>History and Philosophy of Education</td>
<td>3</td>
</tr>
<tr>
<td>GPED 593</td>
<td>Evaluation for Administrators</td>
<td>3</td>
</tr>
<tr>
<td>GPED 683</td>
<td>Educational Research Design</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 733</td>
<td>Characteristics of the Adult Learner</td>
<td>3</td>
</tr>
</tbody>
</table>

**Professional Education Total**: 12

### Administration Specialization

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPED 723</td>
<td>School Finance</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 724</td>
<td>Governance and History of College and Higher Education</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 668</td>
<td>Internship (Administration)</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 684</td>
<td>Internship</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 713</td>
<td>Educational Leadership and Supervision</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 723</td>
<td>Administration of College and Higher Education</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 743</td>
<td>Curriculum Survey and Design for College and Higher Education</td>
<td>3</td>
</tr>
</tbody>
</table>

**Administration Specialization Total**: 21

**Degree Total**: 36-36.5

---

**TESL Total**: 33

**Degree Total**: 36-36.5
EDUCATIONAL LEADERSHIP (EDL)

Doctor of Education

The doctor of education degree is in educational leadership. It requires 15 credit hours of doctoral core courses, 11.5 hours of dissertation block courses, and 30 hours in one of the three areas of concentration: (1) college and higher education administration, (2) Christian school administration (K-12); and (3) public school administration with superintendent certification. The Ed.D. requires a minimum of 60 credit hours of post-masters degree study, including a dissertation. Doctor of education students are expected to attend an orientation seminar at the beginning of their first year in the program.

ORU Distinctive Courses

- GADM 882 Holy Spirit in Education 2
- GPED 503 Graduate Health Fitness 1
- Choice of two of the following: 1
  - GHPE 515 Graduate Aerobics
  - GHPE 525 Graduate Walk for Fitness
- HPE Activities course

ORU Distinctives Total 4

*Students who completed Health Fitness I and II as undergraduates need to substitute an activities course for GHPE 503, which may decrease the degree total by .5 credit hour.

Doctoral Core

- 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 18

Dissertation Block

Choice of one of the two following courses:

- GADM 870 Quantitative Research 3
- GADM 875 Qualitative Research 3
- GADM 900 Doctoral Dissertation 3
- GADM 901 Dissertation Prospectus Seminar .5

Dissertation Block Total 11.5

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

**College and Higher Education Administration Concentration (CP SA)**

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 27

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

**Christian/Private School Administration (K-12) Concentration (CEA)**

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 702 Comparative Education 3
- GADM 835 Resource Development 3
- GADM 840 School Facility Planning 3
- GADM/GCSE/GPED Electives* 9

Concentration Total 27

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

**Public School Administration Concentration (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 or principal.

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 Superintendence 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 30

Degree Total 60.5

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

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.
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 905 The Superintendent
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
GCSE 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/Pacticum in Elementary School Administration
GPED 793 Internship/Pacticum 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
GSED 523 Parent and Families of Students with Special Needs
GSED 553 Introduction to Special Education: Mild-
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 G. 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.

Gwethelinda Holzman............Assistant Professor

Paul King.....................Assistant Professor

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.............Associate Professor of Government

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

Gary L. Kern..................Instructor of Humanities

Warren Rieger..................Instructor of Humanities

School of Business

M. Ray Gregg.................Assistant Professor of Accounting

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

Charlene Huntley...............Assistant Professor
B.S., University of Nebraska, 1980; M.A., Oral Roberts University, 2004.

Jean C. Mosley...............Professor

School of Science and Engineering

Vincent Dimichele.............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., McHenry 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., Junata 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 Miami, 1996.

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

Patti Techachuk...........Instructor of Health, Physical Education, and Recreation

Daniel V. Ward..............Instructor of Computer Science and Mathematics
B.S., University of Oklahoma in 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

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 Breckinridge............Associate Professor of Theology

Lillian Breckinridge............Associate Professor of Christian Education

Edward E. Decker, Jr...........Professor of Christian Counseling

David Dorries...............Professor of Church History

Jeffrey Lamp..................Professor of New Testament

Kerry Loechser............Instructor of Youth Ministry and Evangelism

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

Raymond Smith...............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 Ciff School of Theology, 1998.

Edward Watson..............Assistant Professor of New Testament and Chair, Undergraduate Theology

Academic Programs and Opportunities

The School of LifeLong Education (SLE) 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, SLE awards both the bachelors 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 non-refundable 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 on 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 converting 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 re-enroll, 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 non-designated 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. For requests refunds may be faxed to the ALSC at 1(918)495-2965 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.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance Learning Strategies (GEN 114)</td>
<td>3</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>6</td>
</tr>
</tbody>
</table>

Laboratory Science (Choice of two of the following: BIO 101, EVR 250, PSC 101)
- 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.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance Learning Strategies (GEN 114)</td>
<td>3</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Choice of two of the following science courses: Laboratory Science (BIO 101, EVR 250, PSC 101)</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics (MAT 151)</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences Elective (Choice of one of the following: PSY 201, SOC 101, SOC 201, FIN 244)</td>
<td>4</td>
</tr>
</tbody>
</table>

General Education Total | 57 |

Major
THE 217 Seminar in Theological Research | 3 |
PSY 201 Introduction to Psychology | 3 |

Major Total | 8 |

Elective 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.

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

Health, Physical Education, and Recreation | 4 |

General Education Total | 57 |

Major
BIB 222 Old Testament Introduction | 3 |
BIB 351 New Testament Introduction | 3 |
BIB 306 Hermeneutics | 3 |
BIB 362 Jesus and the Gospels | 3 |
THE 217 Seminar in Theological Research | 3 |
THE 311 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 |

Major Total | 77 |

Chapel (CHM 100) | 9 |

Electives | 18 |

Degree Total | 128 |
Choice of two of the following courses:  
THE 461 History of Christianity I: Early Church  
THE 462 History of Christianity II: Medieval Church  
THE 463 History of Christianity III: Reformation to Present

Choice of four of the following courses:  
BIB 302 Historical Geography of the Holy Land  
BIB 363 Eschatology and the Book of Revelation  
BIB 364 The Pauline Epistles

Choice of three of the following courses:  
THE 304 Contemporary Religions of America  
THE 353 History of Christianity in America  
THE 402 Divine Healing

Choice of two of the following courses:  
CHRM 305 Teaching the Bible  
CHRM 335 Introduction to Evangelism  
MISS 404 Church Growth and Planting

Major Total 66  
Electives* 5  
Degree Total 128

*Belectives 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.**

**Specialization Requirements**

- Area of interest #1 (minimum of 15 hours)  
  GEN 499 Senior Paper/Project 3
  (in area of interest #1)

- Area of interest #2 (minimum of 18 hours)  
  Optional Area of interest #3 (minimum of 18 hours if opted)
  **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
- **Choice of two of the following courses:**  
  - BIB 302 Historical Geography of the Holy Land 6
  - BIB 364 The Pauline Epistles 6
  - BIB 376 Hebrews and General Epistles 6
  - BIB 397 Hebrew Prophets 6
  - BIB 421 Pentateuch 6
  - BIB 424 Hebrew Prophets 6
  - BIB 437 Psalms and Wisdom Literature 6

  **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
- **Choice of one of the following:**  
  - CCC 303 Issues and Identity of the Caregiver 3
  - CCC 321 Christian Approaches to Counseling 3
  - CCC 405 Crisis Intervention 3
  - CCC 426 Assessment and Evaluation 3
  - CCC 429 Substance Abuse 3
  - CCC 430 Special Issues in Counseling 3
  - SOC 201 Marriage and Family 3
  - PSY 338 Psychology of Abnormal Behavior 3
  - CHRM 306 Pastoral Ministry Skills 3

  **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
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 residential 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-
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
BUS 099 Business Seminar
BUS 201 Principles of Economics I
BUS 202 Principles of Economics II
BUS 252 Business Law I
BUS 256 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

Computer Science
CSC 112 Microcomputer Applications in Business

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 419 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

Health, Physical Education, and Recreation
HPE 001 Health Fitness I
HPE 002 Health Fitness II
HPE 101 Fitness for Life I
HPE 102 Fitness for Life II

History
HIS 101 American History Survey: 1760 to Present
HIS 211 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

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

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
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 Pittsburgh, 1984; Ph.D., Texas Woman's University, 2002.

Laurie Doemer.........................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

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

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 GPA 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 accepted scores on ATI T.E.A.S. (Test of Essential Academic Skills—reading, English, math, and science)
4. submitted evidence of current immunizations and tuberculosis testing
5. submitted a physician’s statement of good health within two months prior to spring semester
6. presented evidence of current CPR training

Dramatic 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 conducted by the Oklahoma State Bureau of Investigation not less than three months prior to application.

Some clinical experiences for nursing students are held in childcare facilities licensed by the Oklahoma Department of Human Services. Oklahoma statutes state the following:

1. “Every childcare facility shall arrange, prior to employment, for a criminal history records search to be conducted by the Oklahoma State Bureau of Investigation for any person to be employed by the childcare facility” (10-404.1.A.2.a.).

2. “If an employee or contract employee of the childcare facility, or the contractor of the childcare facility has resided in Oklahoma for less than one (1) year, the criminal history records search shall also be obtained from such person’s previous state of residence” (10-404.1.A.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.

General Education Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110,120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry (CHE 101 Lecture and Lab)</td>
<td>4</td>
</tr>
<tr>
<td>Microbiology (BIO 212 Lecture and Lab)</td>
<td>4</td>
</tr>
<tr>
<td>Psychology (PSY 201)</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics (MAT 232)</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation</td>
<td>5</td>
</tr>
</tbody>
</table>

General Education Total: 55 credit hours.
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 401 Professional Transition  2
NUR 403 Patterns of Community Health  3
NUR 405 Patterns of Leadership  6
NUR 406 Patterns of Health and Illness IV  6
NUR 407 Patterns of Childbearing  4
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:

Advanced Placement
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

Advanced Placement Total  14

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:

Professional Nursing
Credit Hours
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

*May be replaced with the honors equivalents.
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 Paramba, 1954; 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., 1972.

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..................Assistant Professor of Health, Physical Education, and Recreation
B.S., University of Idaho, 1986; M.B.A., Embry Riddle University, 1988

Calvin H. Easterling.............Professor of Sociology
B.A., McMurry University, 1972; M.A., Stephen F. Austin State University, 1974; M.Th., Southwestern Methodist University, 1978; Ph.D., University of North Texas, 1992.

Dave R. Eiland...........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

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 Gaikwad..................Assistant Professor of Biology

Bill Gordon..................Assistant Professor of Health, Physical Education, and Recreation

Alick Musukuma...............Instructor of Health, Physical Education, and Recreation
B.S., Oklahoma Baptist University, 1995; 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

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

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.

Glenn Smith..................Instructor of Health, Physical Education, and Recreation
B.S., Oklahoma State University, 1970; M.S., 1971.

R. L. Ritzhaupt..................Associate Professor of Chemistry
B.S., Ohio University, 1968; M.S., Oklahoma State University, 1971.

Richard N. Seaman...............Associate Professor of Biology
B.S., Colorado State University, 1968; Ph.D., 1975.

George X. Thyevelikakath..................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
B.S., Oklahoma State University, 1999.

Myra Bloom..................Instructor Reference Librarian and Bibliographical Instruction

Even A. Culp..............Professor of Communication Arts and Director for the Center of Instructional Services
B.A., Florida State University, 1974; M.S., 1975; Ed.D., University of Tulsa, 1987.

Alick Musukuma

Robert Hall

Terese Hall

Dominic M. Halsmer

Roger D. Hartman

Stephen Herr

Fritz Huber

Robert Kiel

Catherine Klein

Andreas Lang

Robert Leland

Leighanne Locke

Xiaomin Ma

Nancy Mankin

Sophie Xiao Fan Liu

Richard N. Seaman

Robert C. Stewart

George X. Thyevelikakath

Suzanne Vincent

Andrea Walker

Daniel V. Ward

Myra Bloom

Even A. Culp

Learning Resources Faculty
David Dorries .................. Professor of Church History, Theological Librarian
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
Jane Malcolm .................... Instructor and Assistant Director, Library Public Services
Judy Rigsby ...................... Instructor and Public Services/Head Reference Librarian
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

Emeriti Faculty
Dr. LaVoy Hatcher, 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.

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) 3
Biblical Literature (BLIT 110, 120) 6
Theology (THE 103) 3
Laboratory Science 8
Mathematics (MAT 232) 3
American History (HIS 101) 3
Government (GOV 101) 3
Social Sciences Elective (Choice of one of the following: MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244) 12
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives) 5

General Education Total 61

Major
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.

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 accept 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.
### General Education Credit Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN 099</td>
<td>Personal Growth Assessment</td>
<td>0</td>
</tr>
<tr>
<td>ENG 101, 305</td>
<td>English</td>
<td>6</td>
</tr>
<tr>
<td>203, 6</td>
<td>Foreign Language</td>
<td>6</td>
</tr>
<tr>
<td>COM 101</td>
<td>Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>HUM 111, 112, 213, 214</td>
<td>Humanities</td>
<td>12</td>
</tr>
<tr>
<td>BLIT 110, 120</td>
<td>Biblical Literature</td>
<td>6</td>
</tr>
<tr>
<td>THE 103</td>
<td>Theology</td>
<td>3</td>
</tr>
<tr>
<td>BIO 101</td>
<td>Laboratory Science (including BIO 101)</td>
<td>8</td>
</tr>
<tr>
<td>MAT 232**</td>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>HIS 101</td>
<td>American History</td>
<td>3</td>
</tr>
<tr>
<td>GOV 101</td>
<td>American Government</td>
<td>3</td>
</tr>
<tr>
<td>BUS 201</td>
<td>Business</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Health, Physical Education, and Recreation</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>(Health Fitness I and II, swimming course or proficiency, six electives)</td>
<td></td>
</tr>
</tbody>
</table>

**General Education Total: 61**

### Major Credit Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWK 202</td>
<td>Introduction to Social Work</td>
<td>3</td>
</tr>
<tr>
<td>SWK 302</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>SWK 303</td>
<td>Social Welfare Policy</td>
<td>3</td>
</tr>
<tr>
<td>SWK 309</td>
<td>Human Behavior in the Social Environment I</td>
<td>3</td>
</tr>
<tr>
<td>SWK 310</td>
<td>Human Behavior in the Social Environment II</td>
<td>3</td>
</tr>
<tr>
<td>SWK 331</td>
<td>Social Work Practice I</td>
<td>3</td>
</tr>
<tr>
<td>SWK 332</td>
<td>Social Work Practice II</td>
<td>3</td>
</tr>
<tr>
<td>SWK 341</td>
<td>Junior Practicum I</td>
<td>2</td>
</tr>
<tr>
<td>SWK 342</td>
<td>Junior Practicum II</td>
<td>2</td>
</tr>
<tr>
<td>SWK 404</td>
<td>Social Work Practice IV</td>
<td>2</td>
</tr>
<tr>
<td>SWK 405</td>
<td>Senior Seminar</td>
<td>2</td>
</tr>
<tr>
<td>SWK 420</td>
<td>Minority Group Relations</td>
<td>3</td>
</tr>
<tr>
<td>SWK 443</td>
<td>Senior Practicum I</td>
<td>6</td>
</tr>
<tr>
<td>SWK 444</td>
<td>Senior Practicum II</td>
<td>6</td>
</tr>
<tr>
<td>SWK 499</td>
<td>Senior Research Paper</td>
<td>3</td>
</tr>
</tbody>
</table>

**Major Total: 50**

### Cognate Credit Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 101</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 201</td>
<td>Principles of Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY/SOC/SWK Electives**</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**Cognate Total: 9**

### Electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>8</td>
</tr>
</tbody>
</table>

**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:

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 Deviance 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 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 preodontal 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 preodontal 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 specific 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.

**Pre dental**

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.

**Pre veterinary**

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 baccalaureate degree in any major at ORU and the requirements for admission to the Doctor of Physical Therapy Program at Southwest Baptist University as listed here will automatically receive preference and be eligible for the admission process.

- Have a minimum 2.75 overall GPA.
- Complete the graduate record exam.
- Complete and return physical therapy packet by June 15th of year prior to enrollment.
- Document 40 hours experience/observation in physical therapy.
- Meet admissions eligibility requirements in SBU catalog (if international student).
- Demonstrate computer literacy.
- Complete the following prerequisite courses with a minimum of a “C” and 3.0 prerequisite GPA. (Prerequisites should not be taken pass/fail): CHE 111 and 112, PHY 101 and 102, BIO 111, PHS 223 and 224, MAT 232, and two psychology courses except PSY 232.

**Nutritional Sciences**

ORU has an articulation agreement with the University of Oklahoma-Tulsa (OU-Tulsa) for earning a Bachelor of Science degree in nutritional sciences. This program provides an opportunity for area students to complete a bachelor’s degree in nutritional sciences in Tulsa. The first 60 hours, which includes general education and science 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 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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Physics (101 and 102 or 111 and 112)</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics (MAT 332)</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences Elective (Choice of one of the following: PSY 201, SOC 201, FIN 244)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Health, Physical Education, and Recreation**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Fitness I and II, swimming course or proficiency, six electives</td>
<td>5</td>
</tr>
</tbody>
</table>

**Major Education Total**

55

**Major**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 111 Introductory Biology I Lecture</td>
<td>3</td>
</tr>
<tr>
<td>BIO 111 Introductory Biology I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>BIO 112 Introductory Biology II Lecture</td>
<td>3</td>
</tr>
<tr>
<td>BIO 112 Introductory Biology II Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>BIO 370 Methods in Biotechnology</td>
<td>1</td>
</tr>
<tr>
<td>BIO 372 Introduction to Biological Research</td>
<td>1</td>
</tr>
<tr>
<td>BIO 451 Bioethics</td>
<td>1</td>
</tr>
<tr>
<td>BIO 456 Bioethics</td>
<td>2</td>
</tr>
<tr>
<td>BIO 499 Research and Senior Paper</td>
<td>3</td>
</tr>
<tr>
<td>BIO 312 Ecology Lecture</td>
<td>3</td>
</tr>
<tr>
<td>BIO 312 Ecology Lab</td>
<td>1</td>
</tr>
</tbody>
</table>

**Choice of four of the following courses:***

16

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 310 Microbiology (lecture and lab)</td>
<td>3</td>
</tr>
<tr>
<td>BIO 311 Genetics (lecture and lab)</td>
<td>1</td>
</tr>
<tr>
<td>BIO 411 Molecular Cell Biology (lecture and lab)</td>
<td>3</td>
</tr>
<tr>
<td>BIO 421 General and Comparative Physiology (lecture and lab)</td>
<td>3</td>
</tr>
<tr>
<td>BIO 431 Developmental Biology (lecture and lab)</td>
<td>3</td>
</tr>
<tr>
<td>BIO 454 Special Topics</td>
<td>2</td>
</tr>
<tr>
<td>BIO 457 Principles of Immunology (lecture and lab)</td>
<td>3</td>
</tr>
<tr>
<td>BIO 458 Marine Ecology (lecture and lab)</td>
<td>3</td>
</tr>
<tr>
<td>AUS 217 Field Geology*</td>
<td>1</td>
</tr>
<tr>
<td>AUS 301 Land Resources*</td>
<td>1</td>
</tr>
<tr>
<td>AUS 302 Limnology*</td>
<td>1</td>
</tr>
<tr>
<td>AUS 303 Ecological Agriculture*</td>
<td>1</td>
</tr>
<tr>
<td>AUS 304 Global Development and Ecological Sustainability*</td>
<td>1</td>
</tr>
<tr>
<td>AUS 311 Field Botany*</td>
<td>1</td>
</tr>
<tr>
<td>AUS 312 Insect Biology and Ecology*</td>
<td>1</td>
</tr>
<tr>
<td>AUS 322 Aquatic Biology*</td>
<td>1</td>
</tr>
<tr>
<td>AUS 342 Fish Biology and Ecology*</td>
<td>1</td>
</tr>
<tr>
<td>AUS 359 Marine Mammals*</td>
<td>1</td>
</tr>
<tr>
<td>AUS 377 Marine Invertebrates*</td>
<td>1</td>
</tr>
<tr>
<td>AUS 471 Conservation Biology*</td>
<td>1</td>
</tr>
<tr>
<td>AUS 477 Plant Ecology*</td>
<td>1</td>
</tr>
<tr>
<td>AUS 482 Restoration Ecology*</td>
<td>1</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 111 General Chemistry I Lecture</td>
<td>3</td>
</tr>
<tr>
<td>CHE 111 General Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHE 112 General Chemistry II Lecture</td>
<td>3</td>
</tr>
<tr>
<td>CHE 112 General Chemistry II Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHE 211 Organic Chemistry I Lecture</td>
<td>3</td>
</tr>
<tr>
<td>CHE 211 Organic Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHE 212 Organic Chemistry II Lecture</td>
<td>3</td>
</tr>
<tr>
<td>CHE 212 Organic Chemistry II Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

**Choice of one of the following courses:**

- **MAT 114 Mathematical Analysis (3 hrs.)**
- **MAT 201 Calculus I (4 hrs.)**

**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 premedicine designation on their transcripts narrow their studies by taking the following recommended courses as part of their major or electives:

- BIO 110 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.

**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/concentration area. The Oklahoma Commission for Teacher Preparation requires the OSAT/OPTTE test(s) be passed in order to obtain a license in an additional subject/concentration area. Students interested in completing coursework toward additional licensing should consult the subject area advisor.

**General Education**

**Credit Hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
<td>6</td>
</tr>
<tr>
<td>English (ENG 101, 205)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 121, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science (PSC 201 and CHE 101, Honors)</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics (MAT 113)</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language Proficiency PRF 001</td>
<td>0</td>
</tr>
<tr>
<td>Social Sciences Elective</td>
<td>3</td>
</tr>
<tr>
<td>(exam or 102 level of a foreign language class)</td>
<td></td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation</td>
<td>4.5</td>
</tr>
<tr>
<td>(Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)</td>
<td></td>
</tr>
</tbody>
</table>

**General Education Total** 54.5

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 111 Introduction to Biology Lecture</td>
<td>3</td>
</tr>
<tr>
<td>BIO 111 Introduction to Biology Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIO 112 Introductory Biology II Lecture</td>
<td>3</td>
</tr>
<tr>
<td>BIO 112 Introductory Biology II Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIO 312 Ecology Lecture</td>
<td>3</td>
</tr>
<tr>
<td>BIO 312 Ecology Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIO 370 Methods in Biotechnology</td>
<td>1</td>
</tr>
<tr>
<td>CHE 111 General Chemistry I Lecture</td>
<td>3</td>
</tr>
<tr>
<td>CHE 111 General Chemistry I Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHE 112 General Chemistry II Lecture</td>
<td>3</td>
</tr>
<tr>
<td>CHE 112 General Chemistry II Lab</td>
<td>1</td>
</tr>
<tr>
<td>PHS 223 Human Anatomy Lecture</td>
<td>3</td>
</tr>
<tr>
<td>PHS 223 Human Anatomy Lab</td>
<td>1</td>
</tr>
<tr>
<td>PHS 224 Human Physiology I Lecture</td>
<td>3</td>
</tr>
<tr>
<td>PHS 224 Human Physiology I Lab</td>
<td>1</td>
</tr>
<tr>
<td>PHY 101 General Physics I Lecture</td>
<td>3</td>
</tr>
<tr>
<td>PHY 101 General Physics I Lab</td>
<td>1</td>
</tr>
<tr>
<td>HONR 102 Philosophy of Science</td>
<td>3</td>
</tr>
<tr>
<td>BIO Electives* (upper division)</td>
<td>12</td>
</tr>
</tbody>
</table>

**Major Total** 48

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PED 100 Education Seminar (every semester)</td>
<td>0</td>
</tr>
<tr>
<td>PED 121 Field Based Experience/Practicum</td>
<td>1</td>
</tr>
<tr>
<td>(Secondary)</td>
<td></td>
</tr>
<tr>
<td>PED 203 Foundations and Methods of Education</td>
<td>3</td>
</tr>
<tr>
<td>PED 222 School Health Care</td>
<td>1</td>
</tr>
<tr>
<td>PED 305 Pedagogy I</td>
<td>4</td>
</tr>
<tr>
<td>PED 306 Pedagogy II</td>
<td>4</td>
</tr>
<tr>
<td>PED 361 Professional Education Seminar/</td>
<td>0</td>
</tr>
<tr>
<td>Portfolio</td>
<td></td>
</tr>
<tr>
<td>PED 485 Student Teaching: 7-9</td>
<td>5</td>
</tr>
<tr>
<td>PED 495 Student Teaching: 10-12</td>
<td>5</td>
</tr>
<tr>
<td>BIO/CHE 429 Secondary Methods: Science</td>
<td>3</td>
</tr>
</tbody>
</table>

**Professional Education Total** 25

**Degree Total** 128.5
Biology Minor (BIO)

This program is designed for students majoring in another discipline, who desire a minor in biology. The minor consists of 20 credit hours, including one field course (lecture and lab) outside the biology courses. The minor total for a student would be 20 hours.

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 Biotchnology
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 Bioethics 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

Preprofessional Health Training

The ORU Chemistry Department offers a biomed- ical chemistry major with two concentrations: premedical 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 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.

Pedental

A preental 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 DCAE.
Prepharmacy
As with premedical and predental, 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 a graduate 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, pharmacological, or veterinary medicine; plan to pursue a career in clinical or medicinal chemistry; or plan to work in a biological or medical industry.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry (CHE 111 and 112 lecture and lab)</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics (MAT 201)</td>
<td>4</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>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)</td>
<td>5</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)</td>
<td>5</td>
</tr>
<tr>
<td><strong>General Education Total</strong></td>
<td><strong>56</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Major</th>
<th>CHE 211 Organic Chemistry I Lecture</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CHE 211 Organic Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>CHE 212 Organic Chemistry II Lecture</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CHE 212 Organic Chemistry II Laboratory</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>CHE 300 Quantitative Analysis Lecture</td>
<td>2</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
</tbody>
</table>

**Chemistry Minor (CHE)**
This program is designed for students majoring in another discipline who desire a minor in chemistry.

| CHE 211 General Chemistry I Lecture | 3 |
| CHE 211 General Chemistry I Laboratory | 1 |
| CHE 212 General Chemistry II Lecture | 3 |
| CHE 212 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 111 General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHE 111 General Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHE 112 General Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHE 211 Organic Chemistry I</td>
<td>1</td>
</tr>
<tr>
<td>CHE 212 Organic Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHE 459 Biochemistry Lecture</td>
<td>3</td>
</tr>
<tr>
<td>CHE 459 Biochemistry Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Chemistry</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 101 Principles of Chemistry Lecture</td>
<td></td>
</tr>
<tr>
<td>CHE 101 Principles of Chemistry Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHE 111 General Chemistry I Lecture</td>
<td>3</td>
</tr>
<tr>
<td>CHE 111 General Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHE 112 General Chemistry II Lecture</td>
<td>3</td>
</tr>
<tr>
<td>CHE 112 General Chemistry II Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

| 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 | 3 |
| CHE 300 Quantitative Analysis Laboratory | 1 |
| CHE 303 Physical Chemistry I Lecture | 3 |
| CHE 303 Physical Chemistry I Laboratory | 1 |
| CHE 304 Physical Chemistry II Lecture | 3 |
| CHE 304 Physical Chemistry II Laboratory | 1 |
| CHE 400 Chemical Instrumentation Lecture | 3 |
| CHE 400 Chemical Instrumentation Laboratory | 1 |
| CHE 449 Chemistry Research Laboratory | 3 |
| CHE 452 Seminar | 1 |
| CHE 454 Recombinant DNA Technology | 3 |
| CHE 455 Oncological Chemistry | 3 |
| CHE 456 Inorganic Chemistry | 3 |
| CHE 459 Biochemistry Lecture | 3 |
| CHE 459 Biochemistry Laboratory | 3 |
| CHE 458 Chemistry Internship | 3 |
| CHE 471 Structure and Bonding | 3 |
| CHE 473 Synthesis | 3 |
| CHE 474 Environmental Analysis | 3 |
| CHE 499 Individual Research and Senior Paper | 3 |
| CHE 999 Elective | 3 |

**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 also prepares students for employment in the rapidly expanding computer industry, and 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.

**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.

**General Education Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment</td>
<td>GEN 099</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Mathematics (MAT 201)</td>
<td>4</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>8</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences Elective</td>
<td>3</td>
</tr>
<tr>
<td>of the following:</td>
<td></td>
</tr>
<tr>
<td>PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244</td>
<td></td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation</td>
<td>5</td>
</tr>
<tr>
<td>(Health Fitness I and II, swimming course or proficiency, six electives)</td>
<td></td>
</tr>
</tbody>
</table>

| General Education Total | 56 |

<table>
<thead>
<tr>
<th>Major</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSC 111 Introduction to Computing</td>
<td>3</td>
</tr>
<tr>
<td>CSC 231 Computers and Programming</td>
<td>3</td>
</tr>
<tr>
<td>CSC 255 Data Structures</td>
<td>3</td>
</tr>
<tr>
<td>CSC 300 Senior Paper/Project Preparation</td>
<td>1</td>
</tr>
<tr>
<td>CSC 355 File Processing</td>
<td>3</td>
</tr>
<tr>
<td>CSC 455 Database Systems</td>
<td>3</td>
</tr>
<tr>
<td>CSC 499 Senior Paper/Project</td>
<td>2</td>
</tr>
<tr>
<td>CSC 456 Inorganic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CSC 499 Environmental Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CSC 459 Biochemistry Lecture</td>
<td>3</td>
</tr>
<tr>
<td>CSC 459 Biochemistry Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>CSC 458 Chemistry Internship</td>
<td>3</td>
</tr>
<tr>
<td>CSC 471 Structure and Bonding</td>
<td>3</td>
</tr>
<tr>
<td>CSC 473 Synthesis</td>
<td>3</td>
</tr>
<tr>
<td>CSC 474 Environmental Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CSC 499 Individual Research and Senior Paper</td>
<td>3</td>
</tr>
<tr>
<td>CSC 999 Elective</td>
<td>3</td>
</tr>
<tr>
<td>Major Total</td>
<td>33</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cognate</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 202 Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MAT 207 Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MAT 312 Linear and Matrix Algebra</td>
<td>3</td>
</tr>
<tr>
<td>Choice of one of the following three courses:</td>
<td>3</td>
</tr>
<tr>
<td>MAT 232 Elementary Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MAT 325 Probability and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MAT 300 level or above</td>
<td>15</td>
</tr>
</tbody>
</table>

| Major Total | 33 |

| 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN 099</td>
<td>Personal Growth Assessment</td>
<td>0</td>
</tr>
<tr>
<td>ENG 101, 305</td>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>COM 101</td>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>HUM 111, 112</td>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>MAT 207</td>
<td>Mathematics (MAT 207)</td>
<td>3</td>
</tr>
<tr>
<td>BLIT 110, 120</td>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>THE 103</td>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>211</td>
<td>Laboratory Science</td>
<td>8</td>
</tr>
</tbody>
</table>

#### Cognate

Choice of one of the following sequences: BIO 111 and 112 (lecture and laboratory) or PHY 111 and 112 (lecture and laboratory) or American History (HIS 101) or American Government (GOV 101) or 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) or Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)

#### General Education Total

55

#### Major

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 201</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MAT 202</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MAT 211</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MAT 300</td>
<td>Senior Paper/Project Preparation</td>
<td>1</td>
</tr>
<tr>
<td>MAT 312</td>
<td>Linear and Matrix Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAT 321</td>
<td>Calculus of Functions of Several Variables</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Choice of two of the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 325</td>
<td>Probability and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MAT 401</td>
<td>Higher Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAT 421</td>
<td>Advanced Calculus</td>
<td>3</td>
</tr>
<tr>
<td>MAT 499</td>
<td>Senior Paper/Project</td>
<td>2</td>
</tr>
</tbody>
</table>

#### Major Total

30

#### Cognate

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSC 111</td>
<td>Introduction to Computing</td>
<td>3</td>
</tr>
<tr>
<td>CSC 255</td>
<td>Data Structures</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Cognate Total

6

#### Minor Total

18

#### Electives

19

### Mathematics Education Major (MATE) with Secondary School Teaching Licensure

**Bachelor of Science**

Students seeking licensure to teach at the secondary level 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/GOTPE 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN 099</td>
<td>Personal Growth Assessment</td>
<td>0</td>
</tr>
<tr>
<td>ENG 101, 305</td>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>COM 101</td>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>HUM 111, 112</td>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>MAT 312</td>
<td>Linear and Matrix Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAT 321</td>
<td>Calculus of Functions of Several Variables</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Choice of two of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 325</td>
<td>Probability and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MAT 401</td>
<td>Higher Algebra</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Major Total

54.5

#### Computer Science Minor (CSC)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSC 111</td>
<td>Introduction to Computing</td>
<td>3</td>
</tr>
<tr>
<td>CSC 231</td>
<td>Computers and Programming</td>
<td>3</td>
</tr>
<tr>
<td>CSC 255</td>
<td>Data Structures</td>
<td>3</td>
</tr>
<tr>
<td>CSC</td>
<td>Electives (CSC 300 level or above)</td>
<td>9</td>
</tr>
</tbody>
</table>

#### Mathematics Minor (MAT)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 201</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MAT 202</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MAT 207</td>
<td>Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MAT 211</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MAT 221</td>
<td>Math Concepts I</td>
<td>3</td>
</tr>
<tr>
<td>MAT 312</td>
<td>Linear and Matrix Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAT 313</td>
<td>College Geometry</td>
<td>3</td>
</tr>
<tr>
<td>MAT 315</td>
<td>History of Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MAT 321</td>
<td>Calculus of Functions of Several Variables</td>
<td>4</td>
</tr>
<tr>
<td>MAT 325</td>
<td>Probability and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MAT 401</td>
<td>Higher Algebra</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Minor Total

17

### Awards

#### Outstanding Senior Awards:

*Math education students may include MAT 499 Senior Paper in these elective hours. The math education advisor has further information.*

#### Professional Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PED 100</td>
<td>Education Seminar (every semester)</td>
<td>0</td>
</tr>
<tr>
<td>PED 121</td>
<td>Field Experience/ Based</td>
<td>1</td>
</tr>
<tr>
<td>PED 203</td>
<td>Practicum (Secondary)</td>
<td>3</td>
</tr>
<tr>
<td>PED 222</td>
<td>School Health Care</td>
<td>1</td>
</tr>
<tr>
<td>PED 305</td>
<td>Pedagogy I</td>
<td>4</td>
</tr>
<tr>
<td>PED 306</td>
<td>Pedagogy II</td>
<td>4</td>
</tr>
<tr>
<td>PED 361</td>
<td>Professional Education Seminar/ Portfolio</td>
<td>0</td>
</tr>
<tr>
<td>PED 485</td>
<td>Student Teaching: 7-9</td>
<td>5</td>
</tr>
<tr>
<td>PED 495</td>
<td>Student Teaching: 10-12</td>
<td>5</td>
</tr>
<tr>
<td>MAT 428</td>
<td>Secondary Methods: Mathematics</td>
<td>3</td>
</tr>
</tbody>
</table>

### School of Science and Engineering

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 318</td>
<td>Elementary Number Theory</td>
<td>3</td>
</tr>
<tr>
<td>MAT 421</td>
<td>Advanced Calculus</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Major Total

39

---

**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 341 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 Mattson, 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 baccalaureate degree in engineering (B.S.E.) 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 at 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 (BIS 201 recommended) 3
Health, Physical Education, and Recreation 5
(Swimming, Health Fitness I and II, Physical Education)

**General Education Total** 56

*Chemistry 112 lecture and lab may be substituted for PHY 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 221 Mechanics I: Statics 3
EGR 222 Electronics I Laboratory 1
EGR 401 Electronics I Lecture 3
EGR 401 Electronics Management and Economy 2
EGR 498 Senior Design and Research I 2
EGR 499 Senior Design and Research II 2
PHY 112 Physics I Lecture 3
PHY 112 Physics II Lecture 3
EGR Concentration 40
One of the following courses** 3
EGR 252 Engineering Computational Methods

**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)**

EE 363 Electromechanical Devices 4
EE 450 Digital Signal Processing 4
EE 462 Power Systems Design 4
EGR 331 Design of Control Systems 3
CMPE 441 Microprocessor Systems Design 4
CMPE 443 Computer Architecture 4

**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 361 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:
EGR 331 Design of Control Systems 3
ME 371 Machines and Mechanisms 3
ME 450 Special Topics: Spiritual Engineering 3
ME 450 Special Topics: Fluid Mechanics Research 3

**Mechanical Engineering 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

**Computer Engineering Concentration Total** 40

**Degree Total** 137

**BIOMEDICAL ENGINEERING MAJOR (ERGB)**

**Bachelor of Science**

**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
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 (BIS 201 recommended) 3
Health, Physical Education, and Recreation 5
(Swimming, Health Fitness I and II, Physical Education)

**General Education Total** 56

**Engineering Physics Major (ERGP)**

**Bachelor of Science**

**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
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)  
Social Sciences Elective (BUS 201 recommended)  
Health, Physical Education, and Recreation  
(Health Fitness I and II, swimming course or proficiency, six electives)  

General Education Total  

Major  

EGR 252 Engineering Computational Methods 3  
EGR 221 Mechanics I: Statics 3  
EGR 220 Mechanics II: Dynamics 3  
EGR 210 Network Analysis I Laboratory 1  
EGR 210 Introduction to Engineering 2  
EGR 101 Engineering Graphics 2  
EGR 101 Mechanics I: Statics 3  
EGR 100 EGR 101 EGR 100  

General Education Total  

56  

Major  

EGR 252 Engineering Computational Methods 3  
EGR 221 Mechanics I: Statics 3  
EGR 220 Mechanics II: Dynamics 3  
EGR 210 Network Analysis I Laboratory 1  
EGR 210 Introduction to Engineering 2  
EGR 101 Engineering Graphics 2  
EGR 101 Mechanics I: Statics 3  
EGR 100 EGR 101 EGR 100  

General Education Total  

56  

Major  

EGR 252 Engineering Computational Methods 3  
EGR 221 Mechanics I: Statics 3  
EGR 220 Mechanics II: Dynamics 3  
EGR 210 Network Analysis I Laboratory 1  
EGR 210 Introduction to Engineering 2  
EGR 101 Engineering Graphics 2  
EGR 101 Mechanics I: Statics 3  
EGR 100 EGR 101 EGR 100  

General Education Total  

56  

Cognate  

Student must enroll in equivalent engineering seminar.  

EGR 100 EGR 101 EGR 100  

Cognate Total  

70  

Minor Total  

6  

Degree Total  

132  

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  

Health, Physical Education, and Recreation  
(Health Fitness I and II, swimming course or proficiency, six electives)  

General Education Total  

56  

Major  

EGR 252 Engineering Computational Methods 3  
EGR 221 Mechanics I: Statics 3  
EGR 220 Mechanics II: Dynamics 3  
EGR 210 Network Analysis I Laboratory 1  
EGR 210 Introduction to Engineering 2  
EGR 101 Engineering Graphics 2  
EGR 101 Mechanics I: Statics 3  
EGR 100 EGR 101 EGR 100  

General Education Total  

56  

Major  

EGR 252 Engineering Computational Methods 3  
EGR 221 Mechanics I: Statics 3  
EGR 220 Mechanics II: Dynamics 3  
EGR 210 Network Analysis I Laboratory 1  
EGR 210 Introduction to Engineering 2  
EGR 101 Engineering Graphics 2  
EGR 101 Mechanics I: Statics 3  
EGR 100 EGR 101 EGR 100  

General Education Total  

56  

Major  

EGR 252 Engineering Computational Methods 3  
EGR 221 Mechanics I: Statics 3  
EGR 220 Mechanics II: Dynamics 3  
EGR 210 Network Analysis I Laboratory 1  
EGR 210 Introduction to Engineering 2  
EGR 101 Engineering Graphics 2  
EGR 101 Mechanics I: Statics 3  
EGR 100 EGR 101 EGR 100  

General Education Total  

56  

Cognate  

Student must enroll in equivalent engineering seminar.  

EGR 100 EGR 101 EGR 100  

Cognate Total  

70  

Minor Total  

6  

Degree Total  

132  

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.  

EGR 250 Environmental Science Lecture 3  
EGR 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  

Choice of one course from the following:  

BIO 458 Marine Ecotone Ecology 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 492 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
### 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 Laboratory
- PHY 211 Introduction to Modern Physics Laboratory
- PHY 302 Heat and Thermodynamics
- PHY 311 Mechanics I: Statics
- PHY 312 Mechanics II: Dynamics
- PHY 321 Electromagnetics I Lecture
- PHY 321 Electromagnetics I Laboratory
- PHY 331 Electromagnetic Theory
- PHY 333 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

### Environmental Engineering
- EVE 410 Environmental Engineering
- EVE 420 Hydrology
- EVE 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 Laboratory
- PHY 211 Introduction to Modern Physics Laboratory
- PHY 302 Heat and Thermodynamics
- PHY 311 Mechanics I: Statics
- PHY 312 Mechanics II: Dynamics
- PHY 321 Electromagnetics I Lecture
- PHY 321 Electromagnetics I Laboratory
- PHY 331 Electromagnetic Theory
- PHY 333 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

### 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,
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.

### Exercise Science Major (ESM)

#### 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.
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 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.

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 (MATH 233) 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 5
(Health Fitness I and II, swimming course or proficiency, six electives)
General Education Total 55

Major

HPE 200 Introduction to HPE 3
HPE 206 Introduction to Sports Management and Exercise 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 493 Internship in Sports Management 5
HPE 499 Research in HPE (Senior Paper) 3
Major Total 30

Cognate

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 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)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE 202</td>
<td>Introduction to Leisure Services</td>
<td>3</td>
</tr>
<tr>
<td>HPE 315</td>
<td>Organization and Administration of Programs</td>
<td>3</td>
</tr>
<tr>
<td>HPE 331</td>
<td>Outdoor Recreation and Camping</td>
<td>3</td>
</tr>
<tr>
<td>HPE 343</td>
<td>Leadership in Sports and Leisure Services</td>
<td>3</td>
</tr>
<tr>
<td>HPE 344</td>
<td>Recreation Programming</td>
<td>3</td>
</tr>
<tr>
<td>HPE</td>
<td>Electives (upper division)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Minors Total** 18

**Sports Management Minor (SMAN)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE 206</td>
<td>Introduction to Sport Management</td>
<td>3</td>
</tr>
<tr>
<td>HPE 306</td>
<td>Sports Facility and Event Management</td>
<td>3</td>
</tr>
<tr>
<td>HPE 315</td>
<td>Organization and Administration of Programs</td>
<td>3</td>
</tr>
<tr>
<td>HPE 318</td>
<td>Psychology of Sport</td>
<td>2</td>
</tr>
<tr>
<td>HPE 343</td>
<td>Leadership in Sports and Leisure Services</td>
<td>3</td>
</tr>
<tr>
<td>HPE 416</td>
<td>Legal and Ethical Aspects of Sport and Leisure</td>
<td>2</td>
</tr>
<tr>
<td>HPE</td>
<td>Upper Division Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

**Minors 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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE 001</td>
<td>Health Fitness I</td>
<td></td>
</tr>
<tr>
<td>HPE 002</td>
<td>Health Fitness II</td>
<td></td>
</tr>
<tr>
<td>HPE 003</td>
<td>Total Conditioning</td>
<td></td>
</tr>
<tr>
<td>HPE 005</td>
<td>Fitness Club</td>
<td></td>
</tr>
<tr>
<td>HPE 007</td>
<td>Basic First Aid and CPR</td>
<td></td>
</tr>
<tr>
<td>HPE 012</td>
<td>Bowling</td>
<td></td>
</tr>
<tr>
<td>HPE 013</td>
<td>Intermediate/Advanced Bowling</td>
<td></td>
</tr>
<tr>
<td>HPE 016</td>
<td>Beginning Badminton</td>
<td></td>
</tr>
<tr>
<td>HPE 017</td>
<td>Advanced Badminton</td>
<td></td>
</tr>
<tr>
<td>HPE 020</td>
<td>Beginning Golf</td>
<td></td>
</tr>
<tr>
<td>HPE 021</td>
<td>Advanced Golf</td>
<td></td>
</tr>
<tr>
<td>HPE 024</td>
<td>Intermediate Swimming</td>
<td></td>
</tr>
<tr>
<td>HPE 025</td>
<td>Aquatic Exercises</td>
<td></td>
</tr>
<tr>
<td>HPE 026</td>
<td>Beginning Swimming</td>
<td></td>
</tr>
<tr>
<td>HPE 027</td>
<td>Swim Conditioning</td>
<td></td>
</tr>
<tr>
<td>HPE 028</td>
<td>Beginning Tennis</td>
<td></td>
</tr>
<tr>
<td>HPE 029</td>
<td>Intermediate/Advanced Tennis</td>
<td></td>
</tr>
<tr>
<td>HPE 030</td>
<td>Weight Training</td>
<td></td>
</tr>
<tr>
<td>HPE 031</td>
<td>Advanced Weight Training</td>
<td></td>
</tr>
<tr>
<td>HPE 032</td>
<td>Beginning Gymnastics</td>
<td></td>
</tr>
<tr>
<td>HPE 036</td>
<td>Scuba</td>
<td></td>
</tr>
<tr>
<td>HPE 037</td>
<td>Scuba Rescue</td>
<td></td>
</tr>
<tr>
<td>HPE 039</td>
<td>Scuba Master Diver</td>
<td></td>
</tr>
<tr>
<td>HPE 042</td>
<td>Creative Aerobics</td>
<td></td>
</tr>
<tr>
<td>HPE 045</td>
<td>Pilates for Christians</td>
<td></td>
</tr>
<tr>
<td>HPE 046</td>
<td>Equestrian</td>
<td></td>
</tr>
<tr>
<td>HPE 047</td>
<td>Intermediate Equestrian</td>
<td></td>
</tr>
<tr>
<td>HPE 048</td>
<td>Advanced Equestrian</td>
<td></td>
</tr>
<tr>
<td>HPE 051</td>
<td>Volleyball</td>
<td></td>
</tr>
<tr>
<td>HPE 053</td>
<td>Intermediate/Advanced Volleyball</td>
<td></td>
</tr>
<tr>
<td>HPE 054</td>
<td>Racquetball</td>
<td></td>
</tr>
<tr>
<td>HPE 055</td>
<td>Adaptive Physical Education</td>
<td></td>
</tr>
<tr>
<td>HPE 056</td>
<td>Self-Defense</td>
<td></td>
</tr>
<tr>
<td>HPE 057</td>
<td>Exercise and Weight Control</td>
<td></td>
</tr>
<tr>
<td>HPE 059</td>
<td>Body Sculpting</td>
<td></td>
</tr>
<tr>
<td>HPE 065</td>
<td>Beginning Mountain Biking</td>
<td></td>
</tr>
<tr>
<td>HPE 066</td>
<td>Intermediate/Advanced Mountain Biking</td>
<td></td>
</tr>
<tr>
<td>HPE 067</td>
<td>Backpacking</td>
<td></td>
</tr>
<tr>
<td>HPE 069</td>
<td>Aerobics Proficiency</td>
<td></td>
</tr>
<tr>
<td>HPE 100</td>
<td>Fitness for Life I</td>
<td></td>
</tr>
<tr>
<td>HPE 102</td>
<td>Fitness for Life II</td>
<td></td>
</tr>
<tr>
<td>HPE 104</td>
<td>Dance Aerobic Proficiency</td>
<td></td>
</tr>
<tr>
<td>HPE 105</td>
<td>Lifeguarding</td>
<td></td>
</tr>
<tr>
<td>HPE 106</td>
<td>Introduction to Health, Physical Education, and Recreation</td>
<td></td>
</tr>
<tr>
<td>HPE 202</td>
<td>Introduction to Leisure Services</td>
<td></td>
</tr>
<tr>
<td>HPE 206</td>
<td>Introduction to Sports Management</td>
<td></td>
</tr>
<tr>
<td>HPE 228</td>
<td>Theory of Coaching</td>
<td></td>
</tr>
<tr>
<td>HPE 231</td>
<td>Personal Health Science</td>
<td></td>
</tr>
<tr>
<td>HPE 233</td>
<td>Safety and First Aid</td>
<td></td>
</tr>
<tr>
<td>HPE 306</td>
<td>Sport Facility and Event Management</td>
<td></td>
</tr>
<tr>
<td>HPE 314</td>
<td>Motor Learning, Games, and Adaptive PE</td>
<td></td>
</tr>
<tr>
<td>HPE 315</td>
<td>Organization and Administration of Programs</td>
<td></td>
</tr>
<tr>
<td>HPE 316</td>
<td>Kinesiology and Biomechanics</td>
<td></td>
</tr>
<tr>
<td>HPE 318</td>
<td>Psychology of Sport</td>
<td></td>
</tr>
<tr>
<td>HPE 319</td>
<td>Applied Anatomy and Physiology</td>
<td></td>
</tr>
<tr>
<td>HPE 320</td>
<td>Prevention and Care of Sports Injuries</td>
<td></td>
</tr>
<tr>
<td>HPE 324</td>
<td>Exercise Physiology</td>
<td></td>
</tr>
<tr>
<td>HPE 331</td>
<td>Outdoor Recreation and Camping</td>
<td></td>
</tr>
<tr>
<td>HPE 333</td>
<td>Leadership in Sports and Leisure Services</td>
<td></td>
</tr>
<tr>
<td>HPE 334</td>
<td>Recreation Programming</td>
<td></td>
</tr>
<tr>
<td>HPE 358</td>
<td>Theory and Analysis of Teaching Golf</td>
<td></td>
</tr>
<tr>
<td>HPE 359</td>
<td>Theory and Analysis of Teaching</td>
<td></td>
</tr>
<tr>
<td>HPE 360</td>
<td>Theory and Analysis of Teaching</td>
<td></td>
</tr>
<tr>
<td>HPE 361</td>
<td>Track and Field/Weight Training</td>
<td></td>
</tr>
<tr>
<td>HPE 356</td>
<td>Theory and Analysis of Teaching Aquatics</td>
<td></td>
</tr>
<tr>
<td>HPE 357</td>
<td>Theory and Analysis of Teaching</td>
<td></td>
</tr>
<tr>
<td>HPE 402</td>
<td>Exercise Prescription For Special Populations</td>
<td></td>
</tr>
<tr>
<td>HPE 412</td>
<td>Techniques of Health Fitness Evaluation</td>
<td></td>
</tr>
<tr>
<td>HPE 416</td>
<td>Legal and Ethical Aspects of Sport and Leisure</td>
<td></td>
</tr>
<tr>
<td>HPE 451</td>
<td>Directed Study</td>
<td></td>
</tr>
<tr>
<td>HPE 452</td>
<td>HPE Methods and Evaluation</td>
<td></td>
</tr>
</tbody>
</table>

**Sports Management Minor (SMAN)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE 999</td>
<td>Elective</td>
<td></td>
</tr>
</tbody>
</table>

**Proficiencies**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRF 007</td>
<td>First Aid and CPR Proficiency</td>
<td></td>
</tr>
<tr>
<td>PRF 070</td>
<td>Swimming Proficiency</td>
<td></td>
</tr>
<tr>
<td>HPE 099</td>
<td>Aerobics Proficiency</td>
<td></td>
</tr>
<tr>
<td>HPE 120</td>
<td>Dance Aerobic Proficiency</td>
<td></td>
</tr>
</tbody>
</table>
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 Blan — Assistant Professor of Christian Education
- Carol Johnson — Assistant Professor of Pastoral Care and Counseling
- Jeffrey Lamp — Professor of New Testament
- James B. Shelton — Professor of New Testament
- R. Samuel Thorne — Professor of Church Ministries and Theological Studies
- 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
- Lillian Breckenridge — Associate Professor of Christian Education
- William Buler — Associate Professor of Christian Counseling
- Edward E. Decker, Jr. — Professor of Christian Counseling
- David Dorries — Professor of Church History and Theological Librarian
- Yoel Soo Eim — Professor of Missions and Director of D.Min. Korean Program
- Tim Eklad — Assistant Professor
- Trevor Grizzle — Professor of New Testament
- Larry Hart — Professor of Theology
- Cheryl L. Iverson — Assistant Professor of Old Testament Studies and Associate Dean
- M. Robert Mansfield — Professor of New Testament
- Thompson K. Mathew — Professor of Pastoral Care and Dean
- Kenneth Mayo — Associate Professor of Practical Theology and Assistant Dean
- William McDonald — Assistant Professor of Old Testament
- 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
- Raymond Smith — Associate Professor of Missions
- Charles Snow — Professor of Preaching and Leadership
- Daniel Thimell — Associate Professor of Theological-Historical Studies
- Edward Watson — Associate Professor of Biblical Literature and Practical Theology and Chair, Undergraduate Theology Department
- Angharad Young — Associate Professor of Christian Counseling

**Emeriti Faculty**
- Dr. Howard M. Ervin, 1966-2006
- Dr. Oon-Chor Khoo, 1977-1996

**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 comprehensive understanding 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 ..." (I Peter 3:15). The 21st century will be everyone who asks you a reason for the hope that is expressed. "Always be ready to give a defense to every man who asks you a reason for the hope that is in you ..." (I Peter 3:15).

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 exegesis of the Hebrew language and exegesis of the Hebrew text. Theological-historical courses are required in the cognate to enable students to interpret the Bible within a sound theological-historical framework.

**General Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment</td>
<td>0</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Foreign Language (2 semesters)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Bible (BIB 222, 261)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>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)</td>
<td>5</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)</td>
<td>5</td>
</tr>
<tr>
<td><strong>General Education Total</strong></td>
<td><strong>61</strong></td>
</tr>
</tbody>
</table>

**Major**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIB 362 Jesus and the Gospels</td>
<td>3</td>
</tr>
<tr>
<td>BIB 421 Pentateuch</td>
<td>3</td>
</tr>
<tr>
<td>BIB 438 Interpentamental Literature</td>
<td>3</td>
</tr>
<tr>
<td>BIB 499 Senior Paper</td>
<td>3</td>
</tr>
<tr>
<td>BIB Electives in Old Testament*</td>
<td>9</td>
</tr>
<tr>
<td>BIB Electives in New Testament*</td>
<td>9</td>
</tr>
<tr>
<td><strong>Major Total</strong></td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>

*May include HIS 372 as an elective in either Old or New Testament.

**Cognate**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIB 306 Hermeneutics</td>
<td>3</td>
</tr>
<tr>
<td>THE 217 Research Seminar</td>
<td>3</td>
</tr>
<tr>
<td>THE 313 Systematic Theology I</td>
<td>3</td>
</tr>
<tr>
<td>THE 461 History of Christianity I: Early Church</td>
<td>3</td>
</tr>
<tr>
<td>CHRM 305 Teaching the Bible</td>
<td>3</td>
</tr>
<tr>
<td>CHRM 399 Signs and Wonders</td>
<td>3</td>
</tr>
<tr>
<td><strong>Cognate Total</strong></td>
<td><strong>18</strong></td>
</tr>
<tr>
<td>Minor** and/or Electives*</td>
<td><strong>19</strong></td>
</tr>
<tr>
<td><strong>Degree Total</strong></td>
<td><strong>128</strong></td>
</tr>
</tbody>
</table>

*One to two hours of electives may be met by a directed study or by one of the five credit hours from the 102 level of the foreign language requirement.

New Testament Major (BLN)
Bachelor of Arts

The New Testament major leads the student in an in-depth examination of the contents of the New Testament and requires instruction in the Greek language and exegesis of the Greek text. Theological-historical courses are required in the cognate to enable students to interpret the Bible within a sound theological-historical framework.

**General Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment</td>
<td>0</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Foreign Language (2 semesters including 203)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Bible (BIB 222, 261)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)</td>
<td>5</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)</td>
<td>5</td>
</tr>
<tr>
<td><strong>General Education Total</strong></td>
<td><strong>61</strong></td>
</tr>
</tbody>
</table>

**Major**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIB 251 Biblical Greek I</td>
<td>3</td>
</tr>
<tr>
<td>BIB 252 Biblical Greek II</td>
<td>3</td>
</tr>
<tr>
<td>BIB 351 Greek Exegesis</td>
<td>3</td>
</tr>
<tr>
<td>BIB 362 Jesus and the Gospels</td>
<td>3</td>
</tr>
<tr>
<td>BIB 364 Pauline Epistles</td>
<td>3</td>
</tr>
<tr>
<td>BIB 372 Johanneine Literature</td>
<td>3</td>
</tr>
<tr>
<td>BIB 499 Senior Paper</td>
<td>3</td>
</tr>
<tr>
<td><strong>Major Total</strong></td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>
Students with this major take general education courses (61 hours), a minor and/or electives (19 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.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Growth Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (ENG 101, 305)</td>
<td>6</td>
</tr>
<tr>
<td>Foreign Language (2 semesters including 203)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 111, 112, 213, 214)</td>
<td>12</td>
</tr>
<tr>
<td>Billboard (BIB 222, 201)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>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)</td>
<td>3</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation</td>
<td>5</td>
</tr>
<tr>
<td>Health Fitness I and II, swimming course or proficiency, six electives</td>
<td></td>
</tr>
<tr>
<td>General Education Total</td>
<td>61</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cognate</th>
<th>Concentration</th>
<th>Cognate</th>
<th>Concentration Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIB 306 Hermeneutics</td>
<td>CHRM 303 Curriculum Development</td>
<td>BIB 306 Hermeneutics</td>
<td>21</td>
</tr>
<tr>
<td>BIB Old Testament elective</td>
<td>CHRM 304 Introduction to Christian Education</td>
<td>BIB Old Testament elective</td>
<td>21</td>
</tr>
<tr>
<td>BIB New Testament elective</td>
<td>CHRM 305 Teaching the Bible</td>
<td>BIB New Testament elective</td>
<td>21</td>
</tr>
<tr>
<td>CHRM 399 Signs and Wonders</td>
<td>CHRM 398 Ministry Practicum</td>
<td>CHRM 399 Signs and Wonders</td>
<td>21</td>
</tr>
<tr>
<td>THE 217 Research Seminar</td>
<td>Theology (THE 103)</td>
<td>THE 217 Research Seminar</td>
<td>21</td>
</tr>
<tr>
<td>THE 313 Systematic Theology I</td>
<td>Systematic Theology I</td>
<td>THE 313 Systematic Theology I</td>
<td>21</td>
</tr>
</tbody>
</table>

| 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 service within the broad scope of the educational ministries of the church (i.e., minister/director of Christian education; minister of youth, children, singles; and other specialized age or interest positions). It emphasizes a strong Biblical/theological foundation, integrates principles from the social sciences, and provides well-balanced training in the theory and practice of educational ministries in the church.

**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.

**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.

**Pastoral Christian Ministries Major (PCM)**

Students with this major take general education courses (61 hours), a minor and/or electives (19 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.

**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.

**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.

**Pastoral Christian Ministries Major (PCM)**

Students with this major take general education courses (61 hours), a minor and/or electives (19 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.
### Health, Physical Education, and Recreation
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 |  |
| 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 equip 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 foreign missionaries or tent-makers in both domestic or foreign missions, and prepares 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 |  |
| CHRM 300 History of Missions | 3 |
| CHRM 350 Missions and Culture | 3 |
| CHRM 325 Introduction to Christian Missions | 3 |
| CHRM 333 Theology of Missions | 3 |
| CHRM 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 |
| CHRM 305 Teaching the Bible | 3 |
| CHRM 340 Sermon Preparation and Preaching | 3 |

**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 |

**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 |

**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 Missions 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 |

**Concentration Total**: 27

#### Cognate

| BIB 306 Hermeneutics | 3 |
| BIB Old Testament elective | 3 |
| BIB New Testament elective | 3 |
| THE 217 Research Seminar | 3 |

**Cognate Total**: 18

### Minor and/or Electives*

| 19 |

### Degree Total

| 128 |

*One to two hours of electives may be met by a directed study or by one of the five credit hours from the 102 level of the foreign language requirement.

---

### Theological-Historical Studies Major (THST)

**Bachelor of Arts**

The Theological-Historical Studies major 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: PST 201, FIN 244, SOC 101, SOC 201, BUS 201, SOC 323, SWK 202, MUS 208, Health, Physical Education, and Recreation) | 5 |

**General Education Total**: 61

---

### chattanooga.edu
**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

**Evangelism and Outreach Minor (EVO)**

- CHRM 335 Introduction to Evangelism 3
- CHRM 430 Evangelism and the Local Church 3
- Choice of three of the following courses:
  - BIB 306* Hermeneutics
  - CHRM 307 Urban and Outreach Ministries
  - THE 304 Contemporary Religions of America

**Minor Total** 18

**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

**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
- Choice of one of the following two courses:
  - BIB 251 Biblical Greek I 3
  - BIB 252 Biblical Greek II 3
  - BIB 311 Biblical Hebrew I 3
  - BIB 312 Biblical Hebrew II 3
- THE 313 Systematic Theology I 3
- THE 461 History of Christianity I: Early Church 3

**Minor Total** 18

**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
- Choice of two of the following courses:
  - BIB 306* Hermeneutics
  - MISS 333 Theology of Missions
  - MISS 397 Missions Internship
  - MISS 404 Church Growth and Planting

**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
- 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 Old 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

**Evangelism and Outreach Minor (CHAD)**

- CHRM 335 Introduction to Evangelism 3
- CHRM 430 Evangelism and the Local Church 3
- Choice of one of the following courses:
  - BIB 306* Hermeneutics

**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.

**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
- Choice of two of the following courses:

**Minor Total** 18

*If BIB 306 is taken unless it is required in the student's major.
### Pastoral Care Minor (PC)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIB 305</td>
<td>Hermeneutics</td>
<td>3</td>
</tr>
<tr>
<td>CHRM 203</td>
<td>Foundational Approaches to Pastoral Care</td>
<td>3</td>
</tr>
<tr>
<td>CHRM 306</td>
<td>Pastoral Ministry Skills</td>
<td>3</td>
</tr>
<tr>
<td>CHRM 314</td>
<td>Spiritual Formation in Pastoral Care I</td>
<td>3</td>
</tr>
<tr>
<td>CHRM 422</td>
<td>Spiritual Formation Pastoral Care II</td>
<td>3</td>
</tr>
<tr>
<td>CHRM 313</td>
<td>Prayer Ministry of the Caregiver</td>
<td></td>
</tr>
<tr>
<td>CHRM 324</td>
<td>Pastoral Care</td>
<td></td>
</tr>
</tbody>
</table>

*Minor Total: 18

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

### Youth Ministry Minor (YMIN)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHRM 305</td>
<td>Teaching the Bible</td>
<td>3</td>
</tr>
<tr>
<td>CHRM 310</td>
<td>Youth Culture</td>
<td>3</td>
</tr>
<tr>
<td>CHRM 317</td>
<td>Introduction to Youth Ministry</td>
<td>3</td>
</tr>
<tr>
<td>CHRM 453</td>
<td>Pastoral Care of Families with Youth</td>
<td>3</td>
</tr>
</tbody>
</table>

*Choice of two of the following courses: 6

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHRM 307</td>
<td>Urban and Outreach Ministries</td>
<td></td>
</tr>
<tr>
<td>CHRM 316</td>
<td>Outdoor Adventure and Camping in Youth Ministry</td>
<td></td>
</tr>
<tr>
<td>CHRM 335</td>
<td>Introduction to Evangelism</td>
<td></td>
</tr>
<tr>
<td>CHRM 402</td>
<td>Discipleship and Small Groups</td>
<td></td>
</tr>
<tr>
<td>CHRM 431</td>
<td>Media and Technology in Ministry</td>
<td></td>
</tr>
<tr>
<td>MISS 325</td>
<td>Introduction to Christian Missions</td>
<td></td>
</tr>
</tbody>
</table>

*Minor Total: 18

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

### Church History/Systematic Theology Minor (CHST)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 313</td>
<td>Systematic Theology I</td>
<td>3</td>
</tr>
<tr>
<td>THE 314</td>
<td>Systematic Theology II</td>
<td>3</td>
</tr>
<tr>
<td>THE 461</td>
<td>History of Christianity I: Early Church</td>
<td>3</td>
</tr>
<tr>
<td>THE 462</td>
<td>History of Christianity II: Medieval Church</td>
<td>3</td>
</tr>
<tr>
<td>THE 463</td>
<td>History of Christianity III: Reformation to Present</td>
<td>3</td>
</tr>
</tbody>
</table>

*THE 300 Elective

*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.

### 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIB 222</td>
<td>Old Testament Introduction</td>
<td></td>
</tr>
<tr>
<td>BIB 251</td>
<td>Biblical Greek I</td>
<td></td>
</tr>
<tr>
<td>BIB 252</td>
<td>Biblical Greek II</td>
<td></td>
</tr>
<tr>
<td>BIB 261</td>
<td>New Testament Introduction</td>
<td></td>
</tr>
<tr>
<td>BIB 302</td>
<td>Historical Geography of the Holy Land</td>
<td></td>
</tr>
<tr>
<td>BIB 306</td>
<td>Hermeneutics: Principles of Biblical Interpretation</td>
<td></td>
</tr>
<tr>
<td>BIB 311</td>
<td>Biblical Hebrew I</td>
<td></td>
</tr>
<tr>
<td>BIB 312</td>
<td>Biblical Hebrew II</td>
<td></td>
</tr>
<tr>
<td>BIB 319</td>
<td>Hebrew Exegesis</td>
<td></td>
</tr>
<tr>
<td>BIB 352</td>
<td>Old Testament Historical Books</td>
<td></td>
</tr>
<tr>
<td>BIB 351</td>
<td>Greek Exegesis I</td>
<td></td>
</tr>
<tr>
<td>BIB 352</td>
<td>Greek Exegesis II</td>
<td></td>
</tr>
<tr>
<td>BIB 362</td>
<td>Jesus and the Gospels</td>
<td></td>
</tr>
<tr>
<td>BIB 363</td>
<td>Eschatology and the Book of Revelation</td>
<td></td>
</tr>
<tr>
<td>BIB 364</td>
<td>The Pauline Epistles</td>
<td></td>
</tr>
<tr>
<td>BIB 372</td>
<td>Johannine Literature</td>
<td></td>
</tr>
<tr>
<td>BIB 376</td>
<td>Hebrews and General Epistles</td>
<td></td>
</tr>
<tr>
<td>BIB 421</td>
<td>Pentateuch</td>
<td></td>
</tr>
<tr>
<td>BIB 424</td>
<td>Hebrew Prophets</td>
<td></td>
</tr>
<tr>
<td>BIB 430</td>
<td>Psalms and Wisdom Literature</td>
<td></td>
</tr>
<tr>
<td>BIB 436</td>
<td>Intertestamental Literature</td>
<td></td>
</tr>
<tr>
<td>BIB 455</td>
<td>Intensive Studies</td>
<td></td>
</tr>
<tr>
<td>BIB 457</td>
<td>Honors Assistant Practicum</td>
<td></td>
</tr>
<tr>
<td>BIB 499</td>
<td>Senior Paper</td>
<td></td>
</tr>
<tr>
<td>BIB 999</td>
<td>Elective</td>
<td></td>
</tr>
</tbody>
</table>

#### Biblical Literature

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLIT 110</td>
<td>Survey of Old Testament Literature</td>
<td></td>
</tr>
<tr>
<td>BLIT 120</td>
<td>Survey of New Testament Literature</td>
<td></td>
</tr>
<tr>
<td>BLIT 999</td>
<td>Elective</td>
<td></td>
</tr>
</tbody>
</table>

#### Church Ministries

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHRM 203</td>
<td>Foundational Approaches to Pastoral Care</td>
<td></td>
</tr>
<tr>
<td>CHRM 300</td>
<td>History and Philosophy of Christian Education</td>
<td></td>
</tr>
<tr>
<td>CHRM 302</td>
<td>Christian Leadership</td>
<td></td>
</tr>
<tr>
<td>CHRM 303</td>
<td>Curriculum Development</td>
<td></td>
</tr>
<tr>
<td>CHRM 304</td>
<td>Introduction to Christian Education</td>
<td></td>
</tr>
<tr>
<td>CHRM 305</td>
<td>Teaching the Bible</td>
<td></td>
</tr>
<tr>
<td>CHRM 306</td>
<td>Pastoral Ministry Skills</td>
<td></td>
</tr>
<tr>
<td>CHRM 307</td>
<td>Urban and Outreach Ministries</td>
<td></td>
</tr>
<tr>
<td>CHRM 310</td>
<td>Youth Culture and Faith Development</td>
<td></td>
</tr>
<tr>
<td>CHRM 313</td>
<td>Prayer Ministry of the Caregiver</td>
<td></td>
</tr>
<tr>
<td>CHRM 314</td>
<td>Spiritual Formation in Pastoral Care I</td>
<td></td>
</tr>
<tr>
<td>CHRM 315</td>
<td>Pastoral Care</td>
<td></td>
</tr>
<tr>
<td>CHRM 316</td>
<td>Outdoor Adventure and Camping in Youth Ministry</td>
<td></td>
</tr>
<tr>
<td>CHRM 317</td>
<td>Introduction to Youth Ministry</td>
<td></td>
</tr>
<tr>
<td>CHRM 333</td>
<td>Spiritual Warfare and the Practices of Ministry</td>
<td></td>
</tr>
<tr>
<td>CHRM 335</td>
<td>Introduction to Evangelism</td>
<td></td>
</tr>
<tr>
<td>CHRM 338</td>
<td>Prayer-Based Ministry in the 21st Century</td>
<td></td>
</tr>
<tr>
<td>CHRM 340</td>
<td>Sermon Preparation and Preaching</td>
<td></td>
</tr>
<tr>
<td>CHRM 360</td>
<td>Biblical Foundations of Worship and Prophetic Leadership</td>
<td></td>
</tr>
</tbody>
</table>

#### Missions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MISS 300</td>
<td>History of Missions</td>
<td></td>
</tr>
<tr>
<td>MISS 325</td>
<td>Introduction to Christian Missions</td>
<td></td>
</tr>
<tr>
<td>MISS 333</td>
<td>Theology of Missions</td>
<td></td>
</tr>
<tr>
<td>MISS 350</td>
<td>Missions and Culture</td>
<td></td>
</tr>
<tr>
<td>MISS 397</td>
<td>Missions Internship</td>
<td></td>
</tr>
<tr>
<td>MISS 404</td>
<td>Church Growth and Planting</td>
<td></td>
</tr>
<tr>
<td>MISS 455</td>
<td>Intensive Studies</td>
<td></td>
</tr>
<tr>
<td>MISS 999</td>
<td>Elective</td>
<td></td>
</tr>
</tbody>
</table>

#### Theological-Historical

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 103</td>
<td>Charismatic Life and the Healing Ministry</td>
<td></td>
</tr>
<tr>
<td>THE 217</td>
<td>Seminar in Theological Research</td>
<td></td>
</tr>
<tr>
<td>THE 302</td>
<td>Introduction to Philosophy</td>
<td></td>
</tr>
<tr>
<td>THE 303</td>
<td>Major Religions of the World</td>
<td></td>
</tr>
<tr>
<td>THE 304</td>
<td>Contemporary Religions in America</td>
<td></td>
</tr>
<tr>
<td>THE 313</td>
<td>Systematic Theology I</td>
<td></td>
</tr>
<tr>
<td>THE 314</td>
<td>Systematic Theology II</td>
<td></td>
</tr>
<tr>
<td>THE 353</td>
<td>History of Christianity in America</td>
<td></td>
</tr>
<tr>
<td>THE 401</td>
<td>Ethics</td>
<td></td>
</tr>
<tr>
<td>THE 402</td>
<td>Divine Healing</td>
<td></td>
</tr>
<tr>
<td>THE 415</td>
<td>Christian Apologetics</td>
<td></td>
</tr>
<tr>
<td>THE 444</td>
<td>Contemporary Theology</td>
<td></td>
</tr>
<tr>
<td>THE 445</td>
<td>Charismatic Theology</td>
<td></td>
</tr>
<tr>
<td>THE 455</td>
<td>Intensive Studies</td>
<td></td>
</tr>
<tr>
<td>THE 457</td>
<td>Honors Assistant Practicum</td>
<td></td>
</tr>
<tr>
<td>THE 461</td>
<td>History of Christianity I: Early Church</td>
<td></td>
</tr>
<tr>
<td>THE 462</td>
<td>History of Christianity II: Medieval Church</td>
<td></td>
</tr>
<tr>
<td>THE 463</td>
<td>History of Christianity III: Reformation to Present</td>
<td></td>
</tr>
<tr>
<td>THE 464</td>
<td>Prayer</td>
<td></td>
</tr>
<tr>
<td>THE 473</td>
<td>Theology and Philosophy in Modern Culture</td>
<td></td>
</tr>
<tr>
<td>THE 499</td>
<td>Senior Paper</td>
<td></td>
</tr>
<tr>
<td>THE 999</td>
<td>Elective</td>
<td></td>
</tr>
</tbody>
</table>
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 evangelistic passion for sharing the Gospel.

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 students 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)
- 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 personal statement.

The Admissions Committee may require applicants to submit additional information for evaluation. Applicants to the M.Div. degree 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 degree.) 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, and 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 programs 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 653 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 586 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 complete-
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 koalonia 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 in leadership and ministry in their development of professional skills.

Two additional student-selected artifacts are submitted 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 765 Counseling Practicum, PRM 768 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 disabilities 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 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 skilfully 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

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 electives are provided to all students to bridge deficient areas or enhance areas of interest.

Prerequisite/Leveling Courses* Credit Hours

Choice of one of the following:

- GTHE 517 Seminar in Theological Research (3 hrs.)
- PRF 049 Theological Research Proficiency Exam (0 hrs.)

Prerequisite Total 0-3

*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

Choice of one of the following two courses: 3

- GBIB 561 Old Testament Hermeneutics
- GBIB 562 New Testament Hermeneutics
- GBIB Greek Exegesis (Greek)

Biblical Literature Total 21

Theological/Historical Studies

- GTHE 551 Systematic Theology I 3
- GTHE 561 Systematic Theology II 3
- GTHE 571 Church History I 3
- GTHE 581 Church History II 3
- GTHE 661 Introduction to Christian Ethics 3
- GTHE Electives 6

Theological/Historical Studies Total 21

Practices of Ministry

- PRM 511 Introduction to Christian Missions 3
- PRM 661 Preaching and the Healing Ministry 3
- PRM 669 Practice Preaching 2
- PRM 673 Introduction to Pastoral Care 3
- PRM Electives 9
- FED 658 Field Education (General) 1
- FED 672 Field Education (Church) 1
- FED 673 Field Education (Community) 1

Choice of one of the following courses: 3

- PRM 549 Foundations of Christian Education
- PRM 551 Christian Education

Practices of Ministry Total 26

ORU Distinctive Courses

- PRF 059 ePortfolio: Personal Growth Assessment 0
- GTHE 507 Holy Spirit in the Now 3
- GTHE 508 Signs and Wonders 2
- GHPE 503 Graduate Health Fitness* 1

Choice of three of the following: 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

*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.)

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 550 Greek Synthesis I 3
GBIB 551 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 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: 0-3
GTHE 517 Seminar in Theological Research (3 hrs.)
PRF 049 Theological Research Proficiency Exam (0 hrs.)

Prerequisites/Leveling Total 18-21

Prerequisites/Leveling Total 24-27

Prerequisites/Leveling Total 24-27
ORU Distinctives Courses  
All students in the Master of Arts in Biblical Literature program take these ORU distinctives courses:  

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
</table>
| PRF 059 ePortfolio: Personal Growth Assessment | 0  
| GTHE 507 Holy Spirit in the Now | 2  
| GTHE 508 Signs and Wonders | 2  
| and the Healing Ministry |  
| GHPE 503 Graduate Health Fitness* | 1  
| Choice of two of the following: | 1  
| GHPE 515 Graduate Aerobics (.5) |  
| GHPE 525 Graduate Walk for Fitness (.5) |  
| HPE Activity course (.5) |  
| HPE Activity course (.5) |  

| ORU Distinctives Total | 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:  

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
</table>
| 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 GHPE 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:  

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
</table>
| GBIB Biblical literature electives | 12  
| GBIB Language translation elective | 3  
| PRF 052/053 Biblical Language Proficiency | 0  
| Choice of one of the following hermeneutics: | 3  
| GBIB 561 Old Testament Hermeneutics and Exegesis (Hebrew) |  
| GBIB 581 New Testament Hermeneutics and Exegesis (Greek) |  
| Choice of one of the following sequences: | 6  
| (second Biblical language) |  
| 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)  
Choice of twelve hours from the following:  

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBIB 581 New Testament Hermeneutics and Exegesis (Greek)</td>
</tr>
<tr>
<td>GBIB 618 Matthew (Greek)</td>
</tr>
<tr>
<td>GBIB 652 Isaiah (Hebrew)</td>
</tr>
<tr>
<td>GBIB 633 Pentateuch (Hebrew)</td>
</tr>
<tr>
<td>GBIB 636 Exodus (Hebrew)</td>
</tr>
<tr>
<td>GBIB 637 Deuteronomy (Hebrew)</td>
</tr>
<tr>
<td>GBIB 682 Syntopic Gospels (Greek)</td>
</tr>
<tr>
<td>GBIB 683 Mark (Greek)</td>
</tr>
<tr>
<td>GBIB 704 Psalms (Hebrew)</td>
</tr>
<tr>
<td>GBIB 715 The Bible and Midrash (Hebrew)</td>
</tr>
<tr>
<td>GBIB 729 Colossians/Ephesians (Greek)</td>
</tr>
<tr>
<td>GBIB 744 Septuagint (Greek and Hebrew)</td>
</tr>
<tr>
<td>GBIB 747 Dead Sea Scrolls (Hebrew)</td>
</tr>
<tr>
<td>GBIB 777 Exegesis of Romans (Greek)</td>
</tr>
<tr>
<td>GBIB 787 Cross/Resurrection in the New Testament (Greek)</td>
</tr>
</tbody>
</table>
| Choice of twelve hours from the following: | 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  

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.)

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
</table>
| GTHE 551 Systematic Theology I | 3  
| GTHE 561 Systematic Theology II | 3  
| GTHE 571 Church History I | 3  
| GTHE 581 Church History II | 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 | 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.

ORU Distinctives Courses  

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
</table>
| PRF 059 ePortfolio: Personal Growth Assessment | 0  
| GTHE 507 Holy Spirit in the Now | 2  
| GTHE 508 Signs and Wonders | 2  
| and the Healing Ministry |  
| GHPE 503 Graduate Health Fitness* | 1  
| Choice of two of the following: | 1  
| GHPE 515 Graduate Aerobics (.5) |  
| GHPE 525 Graduate Walk for Fitness (.5) |  
| HPE Activity course (.5) |  
| HPE Activity course (.5) |  

| ORU Distinctives Total | 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.

Theological/Historical Studies  

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
</table>
| 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  

School of Theology and Missions  
113
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 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 course in order to complete the hours for the degree. However, without passing the exam and the practicum and internship course, the student is not eligible for licensure.

ORU Distinctive Course
PRF 059 ePortfolio: Personal Growth Assessment 0
GHPE 503 Graduate Health Fitness* 1
Choice of two of the following:
GHPE 515 Graduate Aerobics (.5)
GHPE 525 Graduate Walk for Fitness (.5)
HPE Activity course (.5)
HPE Activity course (.5)

ORU Distinctives Total 4

*B. 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GGB 505 Introduction to Old Testament Literature</td>
<td>3</td>
</tr>
<tr>
<td>GGB 506 Introduction to New Testament Literature</td>
<td>3</td>
</tr>
<tr>
<td>PRM 528 Christian Approaches to Counseling</td>
<td>3</td>
</tr>
<tr>
<td>PRM 571 Theology of Counseling</td>
<td>3</td>
</tr>
<tr>
<td>GTHE 507 Holy Spirit in the Now</td>
<td>2</td>
</tr>
<tr>
<td>GTHE 508 Signs and Wonders</td>
<td>2</td>
</tr>
<tr>
<td>and the Healing Ministry</td>
<td></td>
</tr>
<tr>
<td>GTHE 518 Introduction to Theology</td>
<td>3</td>
</tr>
</tbody>
</table>

Biblical and Theological Total 19

Professional Counselor Applications

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRM 624 Counseling Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>PRM 676 Marriage Counseling</td>
<td>3</td>
</tr>
<tr>
<td>PRM 679 Vocational Guidance</td>
<td>3</td>
</tr>
<tr>
<td>PRM 681 Group Dynamics/Counseling</td>
<td>3</td>
</tr>
<tr>
<td>PRM 724 Testing and Assessment I</td>
<td>3</td>
</tr>
<tr>
<td>PRM 763 Counseling Practicum*</td>
<td>3</td>
</tr>
<tr>
<td>PRM 781 Counseling Internship*</td>
<td>3</td>
</tr>
<tr>
<td>PRM 784 Counseling Research</td>
<td>3</td>
</tr>
<tr>
<td>PRF 061 Counseling Comprehensive</td>
<td>0</td>
</tr>
</tbody>
</table>

Applications Total 24

Degree Total 63

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.)

**Prerequisite/Leveling Courses**  
| Credit Hours |
|---------------|-----------------|
| PRM 551       | Introduction to Christian Education** | 3 |
| Choice of one of the following: | 0-3 |
| GTHE 517      | Seminar in Theological Research (3 hrs.) | 3 |
| PRF 049       | Theological Research Proficiency Exam (0 hrs.) | 3 |

**Prerequisites/Leveling Total** 3-6

**This prerequisite may be met by 12 semester hours of education courses at the baccalaureate or graduate levels.**

**ORU Distinctives Courses**  
| Credit Hours |
|---------------|-----------------|
| PRF 059      | ePortfolio: Personal Growth Assessment | 0 |
| GTHE 507     | Holy Spirit in the Now | 2 |
| GTHE 508     | Signs and Wonders | 2 |
| GHPE 503     | Graduate Health Fitness* | 1 |
| Choice of two of the following: | 1 |
| GHPE 515     | Graduate Aerobics (.5) | 1 |
| GHPE 525     | Graduate Walk for Fitness (.5) | 1 |
| HPE          | Activity course (.5) | 1 |
| HPE          | Activity course (.5) | 1 |

**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.

**Christian Education Studies**  
| Credit Hours |
|---------------|-----------------|
| PRM 549      | Foundations of Christian Education | 3 |
| PRM 580      | Teaching the Word | 3 |
| PRM 635      | Human Growth and Development | 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**  
| Credit Hours |
|---------------|-----------------|
| GBIB 505     | Introduction to Old Testament Literature | 3 |
| GBIB 506     | Introduction to New Testament Literature | 3 |
| GBIB 507     | Biblical Hermeneutics | 3 |
| GTHE/GIBB Electives | 6 |
| PRM         | Missions/church growth/evangelism elective | 6 |

**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.)

**Prerequisite/Leveling Courses**  
| Credit Hours |
|---------------|-----------------|
| PRM 551       | Introduction to Christian Education** | 3 |
| Choice of one of the following: | 0-3 |
| GTHE 517      | Seminar in Theological Research (3 hrs.) | 3 |
| PRF 049       | Theological Research Proficiency Exam (0 hrs.) | 3 |

**Prerequisites/Leveling Total** 3-6

**Prerequisites**  
| Credit Hours |
|---------------|-----------------|
| GBIB 505     | Introduction to Old Testament Literature | 3 |
| GBIB 506     | Introduction to New Testament Literature | 3 |
| GTHE 518     | Introduction to Theology | 3 |
| Choice of one of the following: | 0-3 |
| GTHE 517      | Seminar in Theological Research (3 hrs.) | 3 |
| PRF 049      | Theological Research Proficiency Exam (0 hrs.) | 3 |

**Prerequisites Total** 9-12

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

**ORU Distinctives Courses**  
| Credit Hours |
|---------------|-----------------|
| 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 | 2 |
| GHPE 515     | Graduate Aerobics (.5) | 1 |
| GHPE 525     | Graduate Walk for Fitness (.5) | 1 |
| HPE          | Activity course (.5) | 1 |
| HPE          | Activity course (.5) | 1 |

**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**  
| Credit Hours |
|---------------|-----------------|
| PRM 516     | Historical and Theological Foundations of Missions | 3 |
| PRM 519     | Missionary Basics | 3 |
| PRM 544     | Principles of Church Growth | 3 |
| PRM 575     | Missionary Anthropology | 3 |
| PRM 773     | Language Acquisition | 3 |
| PRM 775     | Missionary Internship | 3 |
| PRM         | Missions electives | 15 |

**Missions Studies Total** 33

**Biblical/Theological Cognate**  
| Credit Hours |
|---------------|-----------------|
| GBIB 507     | Biblical Hermeneutics | 3 |
| GBIB         | Electives | 6 |
| GTHE         | 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.

**Prerequisites**  
| Credit Hours |
|---------------|-----------------|
| PRF 059      | ePortfolio: Personal Growth Assessment | 0 |
| GTHE 507     | Holy Spirit in the Now | 2 |
| GTHE 508     | Signs and Wonders | 2 |
| GHPE 503     | Graduate Health Fitness* | 1 |
| GHPE 515     | Graduate Aerobics (.5) | 1 |
| GHPE 525     | Graduate Walk for Fitness (.5) | 1 |
| HPE          | Activity course (.5) | 1 |
| HPE          | Activity course (.5) | 1 |

**ORU Distinctives Total** 6

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

**ORU Distinctive Courses**  
| Credit Hours |
|---------------|-----------------|
| PRF 059      | ePortfolio: Personal Growth Assessment | 0 |
| GTHE 507     | Holy Spirit in the Now | 2 |
| GTHE 508     | Signs and Wonders | 2 |
| GHPE 503     | Graduate Health Fitness* | 1 |
| GHPE 515     | Graduate Aerobics (.5) | 1 |
| GHPE 525     | Graduate Walk for Fitness (.5) | 1 |
| HPE          | Activity course (.5) | 1 |
| HPE          | Activity course (.5) | 1 |

**ORU Distinctives Total** 0-3

**Practical Theology Studies**  
| Credit Hours |
|---------------|-----------------|
| 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 |

**Choice of one of the following two courses:**  

**GBIB 505**  
| Introduction to Old Testament Literature | 3 |

**Choice of one of the following two courses:**  

**PRM 550**  
| Old Testament Synthesis | 3 |

**Choice of one of the following two courses:**  

**PRM 506**  
| Teaching the Word | 3 |

**PRM 663**  
| Text to Sermon | 3 |
Choice of one of the following two courses:  
PRM 626 Principles of Biblical Counseling  
PRM 673 Introduction to Pastoral Care  

Practical Theology Studies Total 36  
Electives* 15  
Degree Total 51

*Korean Language Program fee is added to provide for on-campus sessions offered primarily in the summer. A total of seven weeks over a two-year period for semester. Students meet in a modular format on campus for a total of three weeks on campus during the second year. Some of the courses are required during the second year. Some of the courses are offered online, requiring three weeks on campus during the second year.

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  
Choice of one of the following:
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 (DPC)(DPC)
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 (DPC) 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.
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 (core)
DMIN 716 Ministry and Dynamics of the Holy Spirit (core)
DMIN 717 Theological Issues and Themes for Ministry (core)
DMIN 730 Equipping the Church for Ministry (DCML)
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)
DMIN 753 Advanced Workshop in Addictive Behaviors (DPCC)

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 Ugaritic
GBIB 715 The Bible and Midrash (Hebrew)
GBIB 761 Advanced Syrian
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—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 1 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 Charisma and 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 569 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 Polities
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 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—Hermeneutics 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 Equiper
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

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 entries, variance analysis, special journals, the voucher system, and payroll accounting.  
Prerequisite: ACT 215.

**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 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 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 attest procedure 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...
Course Descriptions

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 survey course of craft techniques for the beginning student. Emphasizes methods, materials, concepts, and artistic style. (Class contact for lecture and studio—6 hours.)
Prerequisite: Approval by petition to department chair. 

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.)

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, multimedia 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, 319, 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.
Prerequisite 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 biostems 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
3 credit hours

BIB 351
Greek Exegesis I
3 credit hours
An introductory 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

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, pseudoepigrapha, 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
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.
**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 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 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 311**  
**Biology Laboratory**  
*1 credit hour*

An introductory 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 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 fingerprinting, 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 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 412**  
**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, excitabili-
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 issues 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 serological dilutions, precipitation and agglutination reactions, nitrocellulose and gel electrophoresis, gel diffusion, isolation and identification of B-lymphocytes and T-lymphocytes, immunofluorescence-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-theematic 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-theematic 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.)

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
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 ethos, 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. Given 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 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

Prerequisite: Approval by petition to department chair.

Presented 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 ethos, 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. Given 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 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

Prerequisite: Approval by petition to department chair.

Presented
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. Lab fee: $45.

CHE 111 General Chemistry I Laboratory
1 credit hour
A laboratory study of the properties of elements and simple covalent and inorganic materials. Measured 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: CHE 101 Lecture. Corequisite: CHE 111 Lab. Corequisite: CHE 112 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. Corequisite: CHE 112 Lecture. Lab fee: $45.

CHE 112 General 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 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, alkenes, alkanes, alcohols, and polymers. Prerequisites: CHE 112 Lecture and Lab. Corequisite: CHE 211 Lab.

CHE 211 Organic Chemistry I 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 212 Organic Chemistry II Lecture
3 credit hours
A coverage of the scientific method, problem selection, and proposal writing. Students begin their project bibliographies 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. Corequisite: CHE 303 Lecture. Lab fee: $45.

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 301 Physical Chemistry Laboratory
1 credit hour
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 302 Physical Chemistry I Lecture
3 credit hours
This study of contemporary problems, trends, or innovative developments in Christian counseling. (Offered only through SLLE.) Prerequisites: CHE 111 Lecture and Lab. Corequisite: CHE 101 Lecture. Lab fee: $45.

CHE 303 Physical Chemistry I 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 306 Chemical Instrumentation Laboratory
2 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 equilibria. Prerequisites: CHE 212 Lecture and Lab and MAT 201. Corequisite: CHE 303 Lab. Corequisite: CHE 303 Lecture. Lab fee: $45.

CHE 307 Chemistry Research 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 308 Physical Chemistry II Laboratory
3 credit hours
This study of contemporary problems, trends, or innovative developments in Christian counseling. (Offered only through SLLE.) Prerequisites: CHE 111 Lecture and Lab. Corequisite: CHE 101 Lecture. Lab fee: $45.

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 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 project bibliographies 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 477 Individual Research and Senior Project 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.

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 304 Introduction to Christian Education 3 credit hours
A study of the basic principles and practices of organizing, administrating, 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 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. Prerequisite: 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.

COMP
E R O M T U R R I G I T O
E N G I N E E R I N G
(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

CMPE 340
Digital Systems Design Laboratory
1 credit hour

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 interpersonal, 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 vocal 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 quality. 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
**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 duos, 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  
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 405**  
**Makeup Design**  
3 credit hours  
A study 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.
Comparcs 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**
Directed Study and Research
1-33 credit hours
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, multi-programming, virtual machines, sequential and concur-
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 runtime 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.)
Prerequisite: CSC 255.

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 1
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: DANP 107 and 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.) Prerequisite: 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: DANP 100

**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.) Prerequisite: 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, 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 and DANP 304.

**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, 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 infertility. 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 756
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
Directed Study
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-disabled 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.)

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 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 360 Electromagnetic Theory 3 credit hours
A study of electrostatics, electric and magnetic fields, electromagnetic induction, and Maxwell's equations in differential and integral forms. Prerequisites: PHY 112 and MAT 211. Course fee: $35.

EE 322 Electronics II Laboratory 1 credit hour
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 325 Design With Standard Components 3 credit hours
An introduction to ASIC. Application of VHDL, FPGAs, and PLCs in digital system design. A study and practice of practical design using available digital and analog components. Prerequisite: EE 321. Course fee: $35.

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 system 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 fields, electromagnetic induction, and Maxwell's equations in differential and integral forms. Prerequisites: PHY 112 and MAT 211. 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 999 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.

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 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.
Prerequisites: 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.

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 acquaintance of theater, music, and visual arts. Uses a workshop approach with teacher demonstration, student presentation, and class activities. (Offered only to students completing the bachelor 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 bachelor of science degree in elementary education through distance education.)
Prerequisites: MAT 151, 221, 222, and 232.

ELE 365
**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 bachelor 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 bachelor 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 or 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 present times, beginning with the oral tradition. Genres include narrative, songs, poetry, short stories, commentaries, letters, and essay. Explores spiritual themes in the literature.

ENG 323 American Literature I
3 credit hours
A survey of the major authors and works of American literature from the Puritan period to the mid-nineteenth century.

ENG 324 American Literature II
3 credit hours
A survey of the major authors and works of American literature from the mid-nineteenth century to the present.

ENG 351 Shakespeare
3 credit hours
A study of Shakespeare’s comedies, histories, and tragedies, with attention given to the development of the drama, the intellectual history of the Renaissance, and modern literary criticism.

ENG 352 Major Writers
3 credit hours
A study of major writers in the English language. The focus of the course varies from semester to semester, but each involves an in-depth study of a major author, such as John Milton, C.S. Lewis, D.H. Lawrence, and J.R.R. Tolkien. (May be taken twice for credit.)

ENG 359 English Medieval Period: 650-1500
3 credit hours
A survey of English literature during the Middle Ages, including both poetry and prose. Special emphasis is on the Medieval mystics and Arthurian romance.

ENG 370 American Romantic Period
3 credit hours
A study of representative authors of the Romantic Period in American literature (1820-1865). Focuses on the complex social, cultural, and political forces at work in these writings and in the Romantic movement in general, especially the influences of the earlier Romantic period in English literature (1798-1832).

ENG 371 American Realists and Naturalists
3 credit hours
A study of the major authors of the Realism/Naturalism period in American literature (1865-1915). Focuses on the complex social, cultural, and political forces at work in these writings and in the American literature of the period in general.

ENG 395 English Victorian Period: 1798-1832
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.

**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  
Data acquisition for environmental analysis.  
Corequisite: EVR 250 Lecture.

**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.

**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 variation, 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.
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-ministry gifts with appropriate support and evaluation. Prerequisite: PRM 673 and completion of the field education requirements.
Course fees: Background check, $25.50; liability insurance, $15.

FED 999 1-6 credit hours
Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)
Prerequisite: Approval by petition to department chair.

FINANCE (FIN)

FIN 244 Personal Financial Planning
3 credit hours
Studies the areas of macro and micro finance, including such topics as business cycle analysis, ratio analysis, cash flow analysis, percent of sales method, discounted cash flow, stock and bond valuation techniques, analysis of risk, cost of capital, capital budgeting, operating and financial leverage, dividend policy, and derivatives. (Crosslisted with GBUS 556.)
Prerequisite: Undergraduate course in financial management.

FIN 303 Money and Banking Finance
3 credit hours
A study of money and its functions, institutional banking, central banking, and the operational aspects of monetary policy. Also covers the definition and function of money in coordinating monetary policy; financial institutions, financial markets, and interest rates; the banking industry and its regulation; central banking and the functions of the Federal Reserve in conducting monetary policy; and the globalization of financial markets and institutions.
Prerequisites: BUS 201 and 202.

FIN 338 Financial Management
3 credit hours
A study of the basic principles and theories of business finance including the tax environment, cash-flow analysis, working capital management, effects of financial and operational leverage, capital budgeting, cost of capital analysis, investment banking, mergers, acquisitions, reorganizations, and liquidations.
Prerequisites: ACT 216, BUS 202, and MAT 232.

FIN 418 Investments
3 credit hours
Designed to serve investors who are or will be actively developing and monitoring their own investment portfolios. Includes techniques, vehicles, and strategies for implementing investment goals in a portfolio context and in light of risk-return trade-offs. Includes an overview of personal finance and investments and specific investment topics such as common stocks, mutual funds, commodities, and real estate. Emphasizes using Value Line Investment Survey to evaluate common stocks and Morningstar's Mutual Fund Value to evaluate mutual funds.
Prerequisite: Junior or senior status.

FIN 428 Bank Management
3 credit hours
A study of various aspects of managing a commercial bank, covering topics of interest for potential bank investors, borrowers, and lenders.
Prerequisite: FIN 338.

FIN 438 Advanced Financial Management
3 credit hours
A study of the acquisition and allocation of long-term sources of funds, emphasizing problems of measuring and influencing the cost of capital and the administration of fund-raising for nonfinancial corporations. Includes an examination of techniques to correctly consider cash-flow changes resulting from applications of long-term funds along with the effects of alternative investment decision rules. (Crosslisted with GFIN 550.)
Prerequisite: FIN 338.

FIN 451 Finance Internship
1-3 credit hours
A special problem in finance for the student of special ability in lieu of a regular course. It is also possible, upon receiving written approval from the instructor, to obtain an on-the-job apprenticeship for one semester to provide data for writing a formal paper. (Credit received is determined by the nature and scope of the project.)
Prerequisite: Finance majors only.

FIN 452 Corporate Financial Decision Making
3 credit hours
An application of the principles learned in the basic financial management course to real-world problems. The case study method is used. Students learn to develop skills in analyzing problems and recommending solutions. Students make presentations of their recommended solutions individually and as part of a team.
Prerequisite: FIN 338.

FIN 460 International Financial Management
3 credit hours
Financial analysis and decision-making considerations of multinational corporations. Emphasis is on developing a conceptual understanding of the environmental factors that affect the decisions of financial managers in a global context.
Prerequisite: FIN 338 with a grade of “C” or better.

FIN 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 202 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.)  
Prerequisite: ACT 327.

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 626.

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 attest procedures and all reports prepared by professional accountants related to the attest 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  
State and Gift Taxation  
3 credit hours
A broad overview of the federal transfer tax system including federal gift taxation, federal and state estate taxation, and federal generation-skipping transfer taxation. The course examines various forms of property ownership, transfers of those various ownerships, and related tax implications. (Crosslisted with ACT 471.) Prerequisites: ACT 215, 216, and 327 with grades of C or better. (Crosslisted with ACT 471.)

GACT 580  
Nonprofit Accounting and Finance  
3 credit hours
An overview of accounting and finance concepts as they pertain to nonprofit organizations. Emphasizes the balance sheet, cash flow statement, and accounting and finance systems for non-financial managers, administrators, and employees of nonprofit organizations. Special consideration is given to managerial skills required to maintain 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 curriculum 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 Superintendentcy  
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 superintendent.

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.
GBIB 500
Greek Syntax 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 Syntax II
3 credit hours

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

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 Syntax 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 Syntax II
3 credit hours
A continuation of Hebrew Syntax 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 551
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. Includes 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 rabbinc parables to understand the teaching methods of Jesus. Includes cultural, historical, and theological settings of the Gospel parables in light of the teachings of the Jewish people during the period.

GBIB 589
History and Culture of New Testament Times
3 credit hours
Studies in the historical-cultural backgrounds of the New Testament. Focuses on the distinctiveness of New Testament Christianity as well as the historical and cultural forces at work in its development.

GBIB 608
Eighth Century Prophets
3 credit hours
A study of the prophetic literature of the eighth century against its historical background. Includes a comparison of the prophets, noting similarities and differences in approach, content, purpose, and style. Prerequisite: GBIB 505 or 551.

GBIB 609
Exilic Prophets
3 credit hours
A study of the Hebrew prophets immediately before, during, and after the Exile. Emphasizes the effects of the Exile experience. Prerequisite: GBIB 505 or 551.

GBIB 611
Theology of the New Testament
3 credit hours
A survey of the major doctrines of the New 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

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 advanced reading and grammar course. Emphasizes vocabulary, syntax, and grammar. The grammar is studied 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 language, style, and literary genres of theoelapance in the Hebrew Scriptures. Prerequisites: GBIB 561.

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 theoelapance 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

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 665
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.
**Course Descriptions**

**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  

**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.

**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 an employer to make recommendations for improvement in the work force. The student's work includes both personal initiative.

**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-
ratory professional. Focuses on written communication, public speaking, mediation, group facilitation, assessment techniques, consulting, and event coordination. Addresses communicating in the boardroom, staff meeting, or consultation arena.
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 555**  
**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.
Corequisite 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 560**  
**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 505.

**GBUS 588**  
**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. Prerequisite: 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.)

**GCSE 799 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.)
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 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 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 203 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.
GER 219
Travel Study
3 credit hours
A trip to Austria/Germany. An in depth 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.
Prerequisite: 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.)
GFPE 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.)
Prerequisite: Graduate standing.

GFPE 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.

GFPE 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 703; doctor of ministry student.

GFPE 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.

GFPE 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.

GFPE 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.

GFPE 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)

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 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.

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, communicating, and controlling. 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.)
GMGT 560
Conflict Resolution
2 credit hours
An introduction to the principles and application of the processes and theories of personal conflict resolution, mediation, and negotiations. Focuses on conflict resolution in various business-related settings. (Crosslisted with MGT 461.)

GMGT 561
Management in a Globalized Era
3 credit hours
Challenges students to conceptualize the systemic nature and the strategic management of an organization. Introduces students to advanced readings in areas such as organizational diagnosis and change management, organizational effectiveness, organizational design, motivation, leadership, and the impact of global cultural factors.

GMGT 563
Organizational Dynamics
3 credit hours
A study of individual, group, network, and cultural components that determine effectiveness of an organization. Organizations are studied from various perspectives using metaphors (e.g., machine, organism, symphony, jazz group, prison, culture). Discovery includes dimensions of efficiency and effectiveness as well as analysis of quality of work life and productivity. Also addresses issues of alignment and effective and dysfunctional organizations.
Prerequisite or corequisite: GMGT 561

GMGT 585
Quantitative Management
3 credit hours
A study of the use of computer applications to improve managerial data analysis and decision-making skills. Excel and varied Excel Add-in software are used with an integrated business database to teach varied statistical, decision modeling, and simulation techniques related to managerial decision making.
Prerequisites: Prior computer course and permission of Graduate Business.

GMGT 600
Leadership Studies
3 credit hours
A study of the art and science of leadership. The student's knowledge is developed by the text, numerous books on leadership, and weekly guest speakers.

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.

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 305
Comparative Government
3 credit hours
Provides students with an understanding of the successive paradigms or worldviews in Western American civilizations 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 historical 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 457  
**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.

GNPM 999  
**Nonprofit Management (GNPM)**  
1-6 credit hours  
Prerequisites: Approval by petition to department chair.

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 589**
Evaluation for Administrators
3 credit hours
An overview of the theoretical 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-
Course Descriptions

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 certified 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 interdisciplinary 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.
Course Descriptions

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 IEP's 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, preschool, and home. Includes practical techniques, philosophical, legal, ethical, and pedagogical issues. (Offered in Summer Institute only.)
Prerequisite: GSED 553.

GSED 999
1-8 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 551
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 trinity 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 eclectiology, with a view toward a practical vision for doing church work in today's world.
GTHE 660
Ethics and Contemporary Issues
3 credit hours
A discussion of current Biblical, theological, and pastoral issues in our culture with an attempt to motivate the Christian community to understand and act upon these issues.

GTHE 661
Introduction to Christian Ethics
3 credit hours
Examines the moral life and the Biblical, theological, and methodological ethic of the Christian Way. Traces theories of philosophical ethics and leads to the distinctive Christian ethic. Examines Christian principles and procedures for decision-making, as they relate to practical life problems.

GTHE 663
Charismatic Theology
3 credit hours
A study of the theology of the Pentecostal/charismatic movements of the 20th century. Discusses central issues such as Spirit baptism and spiritual gifts from Biblical, historical, and theological perspectives.

GTHE 670
Contemporary Theology
3 credit hours
A survey of key theologians, movements, and issues in contemporary theology introduced by a brief historical overview of modern theology.

GTHE 674
Denominational Polities
3 credit hours
A survey of organizational and governmental structures of various churches and/or denominations.

GTHE 675
The Early Church Fathers
3 credit hours
Examines the lives and thoughts of the Greek and Latin Fathers of the Christian Church. Gives attention to the development and substance of Christian doctrine during the Patristic period. Uses primary sources, lectures, readings, and discussion.

GTHE 676
The Age of Reformation
3 credit hours
An investigation of the life and thoughts of the great leaders of the Protestant Reformation in the context of the socio-cultural developments of the 16th and early 17th centuries.

GTHE 678
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

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

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 disciple-making mission of the church.

GTHE 763
The Biblical Doctrine of Grace
3 credit hours
Studies the Biblical, historical, theological, and practical dimensions of the doctrine of grace, which constitutes the uniqueness of the Christian faith, is the essence of the gospel, and is the transforming and liberating power of Christian experience and mission.

GTHE 768
Ethics in Pastoral Ministry
3 credit hours
A course concerned with the ethical dimensions of pastoral ministry and the relationship between theological ethics and pastoral care—in effect, the relation of God’s moral will as expressed through His creative and redemptive grace to humanity caught in the web of personal moral failure and general moral evil. Addresses problems of sin and evil raised by the issues in pastoral ministry.

GTHE 769
Ethics of Jesus
3 credit hours

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, historical, 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

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, sub-ordination 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 1788 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.

HONR 101
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 102
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 the- ological-historical studies major with a Christian philos- ophy 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 emo- tionally 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 histori- cal 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 theolo- gy. 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 fic- tion from a historical and critical viewpoint. Through lec- ture 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 com- position, musculo-skeletal fitness, and stress manage- ment. 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 022 Intermediate Swiming
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 for Fitness
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 Advanced 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, lifeguards, 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 recre- ation. Designed to acquaint the student with the organ- ized 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/gov- ernmental 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 coach- ing 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 function necessary in promoting efficient human movement. Examines the effects of exercise on each of the body’s systems. Includes a weekly 3-hour lab.

HPE 320
Prevention and Care of Sports Injuries
3 credit hours
A course designed for prospective coaches, trainers, and health and physical educators to aid them in the prevention, recognition, evaluation, and care of athletic injuries. Lecture and lab sessions focus on taping methods and the rehabilitation of injuries. Recommended prerequisites: HPE 319; or PHS 223 and 224.

HPE 324
Exercise Physiology
3 credit hours
A study of the physiological bases of muscular activity with special attention to general effects of exercise on body function. Includes the properties of muscles; physiological effects of muscular exercise, physical conditioning, and training; the significance of these effects for health and performance; and an analysis of physical fitness. Prerequisites: HPE 319; or PHS 223 and 224.

HPE 331
Outdoor Recreation and Camping
3 credit hours
Explores the use of outdoor areas for recreation as well as the local, state, and federal government’s involvement in parks, playgrounds, and outdoor recreation. Also discusses organization, administration, programming, and staffing for camps.

HPE 343
Leadership in Sports and Leisure Services
3 credit hours
An examination of the recreational activities pertinent to schools, camps, recreation centers, and churches. Discusses the leadership role of the recreation director in supervising and directing volunteers and other personnel in the recreation program.

HPE 344
Recreation Programming
3 credit hours
A study of the various recreational programs and the methods of delivering those programs to the community. Includes a discussion of a wide range of sports, social, educational, personality enrichment, and human-service program. Also discusses the key stages of program development.

HPE 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 359
Tennis/Pickleball
HPE 360 Softball/Basketball

HPE 365
Prevention and Care of Sports Injuries
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 417
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 designed 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.

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 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 Senior Seminar and Paper 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 482 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 SLLE'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, rational, 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 relation 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

**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
A junior-level course designed for pre-service teachers, social science majors, and other students who seek a basic understanding of the concepts of statistics. Includes the study of descriptive statistics, probability, sampling distributions, estimation, hypothesis testing, chi-square, and regression. (Does not count toward a major or minor in mathematics.) Prerequisite: MAT 232.

**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. Covers the basic probability theory and statistical methods with emphasis on the biological sciences. Prerequisite: MAT 113 or special permission.

**MAT 340**
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. Prerequisite: 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 422.) 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 avoidence 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. Prerequisite: MGT 130.

MGT 351 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.

MKT 397  
Missions Internship  
3-6 credit hours  
A work program designed to provide practical experience in a mission environment. Sponsors 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.

MKT 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.

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 405  
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.

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 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.

MASS MEDIA COMMUNICATION (MMC)  

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 MMC majors. Covers the fundamentals of audio, both analog and digital; the processing 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 creation of logos, ladders, contracts, graphic devices, layout and design, photography, bulk mailing, database management, paper and ink selection, cover treatments, printing process, feature news, caption and headline writing, and desktop publishing. Students are involved in the production of The Communique under the guidance and critical evaluation of the professor/advisor 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: News gathering**  
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 223  
**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 224  
**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 225  
**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 226  
**Future Media**  
3 credit hours  
Emphasizes new media communications technologies and emerging career opportunities that are now being generated by interactive, immersive, multimedia technologies. Uses historical perspectives to examine predicted future trends. Focuses on experience-based learning. (Crosslisted with MMC 280 and MUS 280.)

MMC 227  
**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 228  
**Lighting for TV/Film**  
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 229  
**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 230  
**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 231  
**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.
MCC 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.

MCC 329
Advanced Television Production
3 credit hours
A continued study of studio production techniques begun in MCC 229. 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: MCC 228 or 231; MCC 432. Course fee: $40.

MCC 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: MCC 107 and 205.

MCC 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: MCC 127 and 228. Course fee: $40.

MCC 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: MCC 127, COM 205, MCC 345.

MCC 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.

MCC 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 software. Principal tools include Macromedia Director/Flash/Dreamweaver, Adobe Premiere/After Effects/Photoshop/Illustrator software. Prerequisites: Instructor’s permission. Course fee: $40.

MCC 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: MCC 220, 225, and typing ability. Course fee: $40.

MCC 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.

MCC 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.

MCC 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: MMC 406 and MCC 426.

MCC 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.

MCC 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.

MCC 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.

MCC 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; MCC 104, 107, 317.

MCC 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: MCC 228. Course fee: $40.

MCC 450
Public Relations Management
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.

MCC 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: MCC 432. Course fee: $40.

MCC 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.

MCC 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.

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.

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
Course Descriptions

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 Violaconcello (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-composition, 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 and modulation, two and three-part song forms, and American popular song, along with blues, boogie, and jazz; (2) part-writing of figured basses, harmonizing in chorale, instrumental and keyboard styles, and composing and improvising using harmonic and stylistic vocabularies; and (3) harmonizing at the keyboard excerpts of folk songs, American popular songs, blues, boogie, and jazz.
Corequisite: MUS 104
Prerequisites: MUS 101 and 103; or evidence of comparable study or skills.

MUS 103
Sight Singing and Ear Training I
2 credit hours
Combines practice and drill with lecture-demonstration teaching methods and computer-assisted instruction to develop skills enabling the student to correctly interpret music that is notated and to correctly notate music that is heard. Includes sight singing and ear training of rhythmic beats and their division; intervals; melodies built around leaps of the primary chords primarily in treble and bass clefs and in major and minor modes; aural perception of harmony involving the principal triads with inversions, and the supertonic and submediant tone triads.
Prerequisite: MUS 100 or a Music Theory Placement Exam score which demonstrates an understanding of the basic rudiments of music, including the correct use of treble and bass staves, knowledge of keys and key signatures, the ability to read elementary rhythms within simple and compound meters.

MUS 104
Sight Singing and Ear Training II
2 credit hours
Combines practice and drill with lecture-demonstration teaching methods and computer-assisted instruction to develop the skills enabling students to interpret music that is notated and to notate music that is heard. Includes (1) sight singing melodies built around leaps involving all diatonic triads, the dominant seventh, and supertonic seventh chords; and (2) aural study of rhythmic subdivision, intervals, melodies with diatonic harmonic background, diatonic harmonic progressions including the dominant seventh and supertonic seventh chords, secondary dominants, secondary leading tone chords, and elementary modulation.
Corequisite: MUS 102
Prerequisites: MUS 101 and 103; or evidence of comparable knowledge and skills.

MUS 105
Introduction to Music Technology
1 credit hour
A survey of concepts, equipment, and techniques associated with the modern electronic studio. Includes most aspects of MIDI and the use of microphones, speakers, and the mixer board.
Prerequisite: MUS 100 or 101.
Instrument use fee: $55.

MUS 124
Preparatory Class Piano
1 credit hour
A course designed for non-music majors who have had little or no previous experience in reading music. Instruction includes basic musical skills, elementary reading, improvisation, and solo and ensemble repertoire.
Prerequisite: Permission of instructor.
Instrument use fee: $55.

MUS 125
Class Piano I
1 credit hour
A course designed for students with minimal piano training. Group instruction includes simple sight reading in treble and bass clefs, improvisation, and beginning keyboard technique, such as all major scales and arpeggios, accompaniments, solo and ensemble reper-
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, chordal and instrumental score reading, major and harmonic minor scales and arpeggios, chord progressions, dominant- and diminished-seventh chords and arpeggios, simple modulations, solo and ensemble repertoire, and patriotic songs.
Prerequisite: MUS 126 or equivalent.
Instrument use fee: $55.

MUS 128
Class Piano IV
1 credit hour
A lecture-demonstration-lab course designed primarily for music majors whose secondary instrument is piano and who need additional development of moderately advanced keyboard skills including sight reading, transposition, improvisation, memorizing, accompanying, and score reading. Prepares music majors to fulfill the requirements of the piano proficiency examination. Frequent solo performances in class enable the student to develop good musicianship, accuracy, and poise during keyboard performances of solo and ensemble repertoire.
Prerequisite: MUS 127 or equivalent.
Instrument use fee: $55.

MUS 131
Class Voice
1 credit hour
An introduction to the development of the singing voice based upon the International Phonetic Alphabet (IPA) and stressing phonemic accuracy. (Students cannot repeat this course.)

MUS 135
Class Guitar I
1 credit hour
A lecture/demonstration teaching method designed to acquaint the student with appropriate skills for playing the guitar in a variety of styles and settings.

MUS 136
Class Guitar II
1 credit hour
A lecture/demonstration teaching method designed to acquaint the intermediate or advanced beginning student with appropriate skills for playing the guitar in a variety of styles and settings.

MUS 137
Techniques for Recording Acoustic Music
1 credit hour
Designed to familiarize students with the distinct issues inherent in the recording of acoustic music and to provide opportunities for students to record and mix acoustic music in a digital environment.
Prerequisite: MUS 105 or equivalent.

MUS 201
Harmony, Sight Singing, and Ear Training III
3 credit hours
A continuation of MUS 102 and 104 that employs lecture, discussion, demonstration, compositional, and analytical assignments, and drill of advanced musicianship skills. Includes (1) aural and visual analysis of music representative of modal harmony; 18th century counterpoint; chromatic harmony including borrowed chords; Neapolitan and augmented sixth chords; and Classical techniques such as variation and sonata/alegoro 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 harmony 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 mediant, 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 harmony and other uses of certain techniques presented during the semester.
Prerequisite: MUS 201 or evidence of equivalent skills and knowledge.

MUS 205
History and Literature of Music I
4 credit hours
A study of the history of Western music in Europe and America from antiquity through the 18th century.

MUS 206
History and Literature of Music II
4 credit hours
A study of the development, styles, and literature of Western music in Europe and America from Beethoven to the present.

MUS 207
Guitar Skills and Improvisation
2 hours credit
A study of the mechanics of contemporary worship using acoustic guitar and the improvisational techniques associated with it.
Prerequisite: Music Theory Placement exam or MUS 100.

MUS 208
Music in World Cultures
3 credit hours
A survey of the relationships between various peoples of the world and their music cultures. Studies aspects of music style, performance practices, selected musical instruments, and musical expressions for various cultures and subcultures.

MUS 210
Keyboard Skills and Improvisation
2 hours credit
Teaches specific keyboard skills necessary for the performer for functioning within a praise and worship context. Improvisational techniques are studied and applied to contemporary music.
Prerequisite: Music Theory Placement exam or MUS 100.
Instrument use fee: $55.

MUS 228
Contemporary Music Theory/Lead Chart Notation
3 credit hours
Presents contemporary music theory concepts that equip the student to function within a contemporary musical framework.
Prerequisite: MUS 210 or MUS 207.
Instrument use fee: $55.

MUS 241
Phonetics and English Diction for Singers
1 credit hour
A fundamental course designed to acquaint voice students with the International Phonetic Alphabet and its application to English and Italian vocal literature. Students also study specific management issues relating to the use of phonetics in the vocal ensemble.

MUS 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, 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
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, and 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 1 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 no 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 physiological 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. Corequisite: 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 childbearing 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.)  
Corequisite: PED 203.

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 intervene 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 362  
**Professional Education**  
*3 credit hours*  
Aids student teachers in the completion of a 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 the 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**


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**


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**


PHY 112  
**Physics II Laboratory 1 credit hour**


PHY 211  
**Introduction to Modern Physics Lecture 3 credit hours**


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, equilib-rium 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 EE 321.)
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, transis-tors, and Field Effect Transistors. Includes bias stabili-ty of amplifiers, design of power amplifiers and power supplies, and frequency response of active circuits. (Crosslisted with EE 321.)
Prerequisite: EGR 210.
Corequisite: PHY 321 Lab.

PHY 321 Electronics I Laboratory 1 credit hour
The companion lab to PHY 321 Lecture. Covers measure-ments of the characteristics of semi-conductor devices and the analysis and design of single-stage BJT and FET amplifiers. (Crosslisted with EE 321.)
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 equip-ment 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 applica-tion of Schrödinger’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 com-ponents and systems. Examples include pumps, com-pressors, 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 331.)
Prerequisite: EGR 231.
Course fee: $35.

PHY 455 Mathematical Methods in Physics 3 credit hours

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-

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 construc-tion 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 003 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 emergent theory, which focuses not so much on human leadership training programs as on how to best utilize and be good stewards of the inci-dences 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 consid-
ered 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,
opions, and qualifications for missionary personnel.
Includes preparation, church relations, strategies, fund-
ing, and life in other countries.

**PRM 528**
**Christian Approaches to Counseling**
3 credit hours
Provides students with an understanding of the world-
view 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 peo-
ple 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 survey of the historical, philosophical, and psychologi-
cal 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
theory and practice of educational ministry and guides
the student in developing a philosophy of education
appropriate for the Christian setting.

**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 communi-
ties to discover how they perceive and pursue their work.

Focuses on discovering and identifying alternative strate-
gies 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 555**
**Spiritual Formation and Discipleship**
3 credit hours
An examination of spiritual formation—how the
Christian faith is developed in the life of a person intel-
lectually, emotionally, and behaviorally through disci-
plship in one-on-one or group settings.

**PRM 556**
**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 teach-
ning theory and process, objectives, lesson planning,
and methodologies.

**PRM 557**
**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 prin-
ciples by exploring such topics as epistemology, empow-
erment, and whole-person healing within the
Pentecostal/charismatic traditions.
Prerequisites: PRM 528; GTHE 507 and 518.

**PRM 558**
**Major Religions of the World**
3 credit hours
Acquaints the student with the historical and contem-
porary beliefs and practices of the world’s major reli-
gious faiths other than Christianity.

**PRM 559**
**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 per-
ception of reality, cross-cultural ministry, and culture
change.

**PRM 560**
**Contextualized Theology**
3 credit hours
An examination of theologies that have emerged in rep-
resentative 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 theologi-
cal process and underscores the necessity of diversity
in Christian theology to answer the multifaceted dimen-
sions of human needs.

**PRM 561**
**Introduction to Evangelism**
3 credit hours
A study of contemporary methods of evangelism, par-

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 exigesis, 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 designed to equip counselors-in-training with effective strategies for working with children and adolescents. Integrates Christian thought with psychological perspectives for understanding basic principles of child and adolescent development; developing counseling skills; working with families; studying theories; developing group facilitation, consultation, and prevention methods; and responding to the needs of multicultural population.

PRM 724 Testing and Assessment I 3 credit hours
An introductory course in assessment terminology and procedures. Presents knowledge and skills in the appraisal of children and adolescents in terms of their cognization, 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.

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.

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 restorying. 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.

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.

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 799 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 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 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 Lab. 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 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

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 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
Directed Study
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. (In reases 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, preschool, 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-

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.
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 1-8 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 bio-psycho-social-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 micro-systems, 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 bio-psycho-social-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 1.

SWK 311 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 312 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 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 pluralistic 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, 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, 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 professional social work faculty.

SWK 461
Honors Research
1-3 credit hours
Designed for the honors 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 variation, 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
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 bibliogra phy, 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  

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  

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 organization 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 theology 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 SSLF.)

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.
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 the 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.
Dance Performance Major 38-39

Deadlines
Application 18
Degree 27
Financial Aid 22-23

Dean's Office 10
Degree, External Program 75
Degrees 29
Department Chairs 10

Departments, Graduate Academic
Business 59-64
Education 65-74
Theology and Missions 101-118

Departments, Undergraduate Academic
Art 36-38
Behavioral Sciences 85-87
Biology 87-90
Business 59-64
Chemistry 90-92
Communication Arts 38-44
Computer Science and Mathematics 92-94
Education 65-74
Engineering, Physics, and Phys. Science 84-100
English 44-47
Health/Physical Education/Recreation 97-100
History, Humanities, and Government 48-51
Lifelong Education 75-80
Modern Foreign Languages 52-54
Music 54-58
Nursing 81-83
Theology 101-118

Development Officers 11
Disability Services (See Student Resources)
Doctor of Education Program (Ed.D.) 72-73
Admission 72
Educational Leadership 73
Transfer of Credit 73
Doctor of Ministry Programs 116-117
Drama Major 39
Drama Minor 42
Drama Television Film Performance Major 39
Dress Code 32-33
Dropping/Adding Courses 26
Dual Degrees 29

Eagle Card Center 16
Early Acceptance 17
Early Childhood Education Major 69
Education, School of 65-74
Education Minor 69
Education Technology Centers 15
Educational Leadership (Ed.D.) 73
Educational Ministries Minor 105
Elementary Education Major 68, 69
Employment 16, 22
Engineering Major 94-95
Engineering, Physics, and Phys. Science Dept. 94-97
Engineering Physics Major 95-96
English Bible Major 102
English Bible Minor 105
English Department 44-47
English Education Major (See English Department.) 44-45
English Literature Major 44-45
English Literature Minor 47
Enrollment, Concurrent 16, 28
Enrollment 17, 18, 20, 24, 28, 76
Entrance Examinations 18
Environmental Engineering Major 96
Environmental Studies Minor 96

ePortfolio 19, 32, 67, 110
Evangelism and Missions Minor 79
Examinations
Advanced Placement (AP) 28, 67
American College Testing (ACT) 17, 22, 31
College Level Examination Program (CLEP) 18
Credit by Exam/Demonstration 18, 28, 109
Entrance Examinations 18
External Degree Program 75-77
Graduate (GMAT, GRE, MAT, TOEFL) 18
Language Proficiency 18, 52, 54, 66, 87, 112
Miller Analogies Test (MAT) 18, 23, 70, 74, 108
ORU Placement Examinations 17, 18, 30, 13
Proficiency 18, 66-67
Scholastic Aptitude Test (SAT) 17, 22, 30, 31
80, 81, 82, 136
Teacher Certification Foreign Language
Test of English as a Foreign Language (TOEFL) 17
Graduate (ACT, SAT, TOEFL) 17
Executive Vice President for Operations and Finance 10

Facilities 14-15

Faculty
Arts and Cultural Studies 35-36
Business 59
Education 65
Emeriti 36, 59, 65, 85, 101
Learning Resources 85
LifeLong Education 75
Nursing 81
Science and Engineering 84-85
Theology and Missions 101

Fast-Track Program 62, 70
Federal Financial Aid 21
Fees 19-20
FERP 23, 24
Finance Major 59-60
Financial Aid Policies and Programs 21-23
Fine Arts Technology Minor 37-38, 42, 57-58
French Education Major (See Modern Foreign Languages Education.) 97
French Major 52
French Minor 53
Full-Time Status 25-26

General Business Minor 62, 79
General Education 30, 52
German Education Major (See Modern Foreign Language Education Major.) 53

German Minor 53
Government Major 48-49
Government Minor 51
Grade Point Average (GPA) 17, 19, 22-24, 26-28, 31
Grading System 26, 76
Graduate Business Department 62-64

Admission Requirements 62-63
Audit Policy 63
Chapel 63
Course Load 63
Probation 63
Graduate Education--Masters Programs 70-72
Admission/Readmission 70, 71
Retention Requirements 71
Graduate Education--Doctoral Program 72-73
Admission 72
Examinations 73
Retention Requirements 73
Transfer of Credit 73

Health and Exercise Science Major 98
Health and Exercise Science Minor 99
Health and Physical Education Major 99
Health History and Immunizations 19, 81
Health Insurance 19, 81
Health, Physical Education, and Recreation Department 97-100

Health Services Training 87-88, 90

Communication Sciences and Disorders 88
Nutritional Sciences 88
Physical Therapy 100, 110
Pre-dentistry 88, 90
Pre-medicine 88, 90
Prepharmacy 91
Preventive Medicine 88
Radiologic Technology 91

Other Health Professions 88, 91
Hebrew Minor 53

History, Humanities, and Government Dept. 48-51
History Major 48
History Minor 51
Home School College Program 79-80
Honors 52
Honor Code 12
Honor Rolls 27

Honor Societies 48, 82
Honors, Graduating with 27-28

Honors Program 31

Housing 33
Human Resources Development Minor 42-43

Humanities Minor 51