ORAL ROBERTS UNIVERSITY

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

Editors
Dr. Debra Sowell, Vice President for Academic Affairs
Dr. Linda Gray, Technical Editor and Professor of English

Oral Roberts University Catalog
Volume 29, no. 3
2010-2011
Oral Roberts University
Tulsa, OK 74171
This catalog is designed to provide information for students considering a university career and ORU, current students, and others who are interested in the programs of this leading academic institution serving the inter-denominational Body of Christ.

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

Oral Roberts University,
7777 South Lewis Avenue,
Tulsa, Oklahoma 74171

1(800) 678-8876
admissions@oru.edu.

More information is available at http://www.oru.edu/admissions.

Programs from the following ORU colleges are contained in this catalog:
- College of Arts and Cultural Studies (undergraduate)
- College of Business (undergraduate and graduate)
- College of Education (undergraduate and graduate)
- Anna Vaughn College of Nursing (undergraduate)
- College of Science and Engineering (undergraduate)
- College of Theology and Missions (undergraduate and graduate)
- Distance Learning (undergraduate)

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

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

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Oral Roberts University
Campus Map

Oral Roberts University Entrance
7777 S. Lewis
“Billy Joe Daugherty Avenue”
(formerly “The Avenue of Flags”)
# ORAL ROBERTS UNIVERSITY
## CALENDAR OF ACADEMIC EVENTS

### FALL SEMESTER 2010

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

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

ONLINE SUMMER SESSIONS 2011

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

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Event Description</th>
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<tr>
<td>Friday</td>
<td>April 29</td>
<td>Last day for 100% refund</td>
</tr>
<tr>
<td>Monday</td>
<td>May 2</td>
<td>First day of classes</td>
</tr>
<tr>
<td>Friday</td>
<td>May 6</td>
<td>Last day to add classes/sections; last day for 90% refund</td>
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<tr>
<td></td>
<td></td>
<td>Last day to request pass/fail option or change from credit to audit</td>
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<tr>
<td></td>
<td></td>
<td>Last day to withdraw without recording</td>
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<tr>
<td></td>
<td></td>
<td>Last day to validate before being de-enrolled.</td>
</tr>
<tr>
<td>Friday</td>
<td>May 13</td>
<td>Last day for 50% refund</td>
</tr>
<tr>
<td>Wednesday</td>
<td>May 25</td>
<td>Last day for 25% refund; no refund after May 25</td>
</tr>
<tr>
<td>Friday</td>
<td>June 24</td>
<td>Last day to withdraw while passing</td>
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<tr>
<td></td>
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<td>Last day of classes</td>
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2nd Online Summer Session--June 27-August 19
Eight-Week Session

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

ADMINISTRATION

BOARD OF TRUSTEES

Officers
Mart Green, Chair
William Wilson, Vice Chair
Glenda Payas, Secretary
Jay A. Betz, Treasurer

Trustees
Don H. Argue.........................................................Michael Hammer
Mary E. Banks..........................................................Robert Hoskins
W. P. Bartlett............................................................Scott Howard
Frederick A. Boswell Jr. ............................................Lynette Teylor Lewis
Stanley M. Burgess .....................................................Ron Luce
Jacqueline Cardone..................................................Charles W. McKinney
Scott Cordray.......................................................Roberta Potts
Hal Donaldson.......................................................Russel P. Spittler
Douglas E. Fears......................................................Cameron Strang
Richard Fenimore.....................................................Gilberto Velez
Billy Joe Daugherty (in perpetuity)

Boards of Reference

Seth Ablich..........................Founder, Manna Mission Hospital
Carlos A. Acosta..........................Associate Pastor
John D. Ashcroft..........................Chair, The Ashcroft Group, LLC and former U.S. Attorney General
Arden Aruty..................................Director, Emmaus Scripture School
Bishara Awad..................................President, Bethlehem Bible College, West Bank
Keith Bailey.......................................................Retired
Matthew Barnett.................................................Senior Pastor, Angelles Temple
and Co-Founder, L.A. Dream Center
Tommy Barnett.................................................Senior Pastor, Phoenix First Assembly
David Barton.......................................................Retired, WallBuilders
David and Beth Becker.....................Missionaries, Emmaus Road Ministries, Lusaka, Zambia
Suzanne Behr.................................................Pastor, Vice President of Engineering
Geophysical Research Company
Bob Bonebrake....................................................Freelance Writer
Kathleen A. Boyles..........................Pediatrician, Utica Park Clinic
Neal Bratschun....................................................Program Manager
Afghanistan Information Management Services
Bobby G. Brown.........................Chairman and CEO, Transitions Industries
Gary Brown...............................................President/CEO, CIBC World Markets Corp.
Chris Busch.......................................................Owner, Biz Dreams
At Bush.................Owner, dba The Holding Company, Ltd.
James Buskirk..........................Pastor (retired)
Tulsa First United Methodist Church
Michael Cardone...........................................Chair/CEO, Cardone Industries
Osvaldo Carnaval................................................Pastor, Host of 700 Club
for Latin America (Argentina)
Ilya Carrera....................................................Centro Cristiano Betania, Panama
Mathews and Rachel Chacko..............Founders, Bethany Academy
Co-founder/Managing Directors
Powervision TV
Neal and Danette Childs..........................Missionaries, Niger
Randy and Becky Coates.........................Missionaries, Nairobi, Kenya
Michael Coleman...........................................President, Integrity Media
Laura Contreras-Rowe..........................Founder and CEO, Why Be Average
Phil Cooke.........................................................President, Cookie Pictures
Keith Craft.........................................................Lead Pastor, Celebration Covenant Church
Mark Crow.........................................................Pastor, Victory Church
Adrian Cruz.......................................................Professional Pianist, Adrian Productions

Daniel Delgado..............Vice President, National Hispanic Christian Leadership Conference
Tessie DeVore..................................Executive Vice President
Book Group of Strong Communications
Neal Donop...............Principal, New Day Learning Center
Derek Dunn.......................................................Executive Pastor
City Harvest Church, Singapore
Tim Elmore..........................................President, Growing Leaders
Terry Fisher..............Vice President, Trinity Chemical
Mark Floyd.................................CEO, SafeNet, Inc.
Bob Foutch..............................Vice President/Controller
Alliance Resource Partners, L.P.
Richard Garza..............Senior Pastor, Third Day Worship Center
COO, National Hispanic Christian Leadership Conference
Myron W. Goff.....................................Myron Goff and Associates
Prudencio (J.R.) Gonzalez.............Senior Pastor
David Green...............................................CEO/Founder, Hobby Lobby
Prince Gunaratnam.................................Senior Pastor, Calvary Church
Kuala Lumpur, Malaysia
Bruce and Maria Hanson.........Owners, Hanson Communications
Tom Harrison.............................................Pastor
Ashbury United Methodist Church
Hans Helmerich..........................President/CEO, Helmerich and Payne, Inc.
Dave Hentchel.............................................Retired
Marlyn Hickey..................................President, Marilyn Hickey Ministries
Wayne Hildsen..................................Pastor, King of Kings, Jerusalem, Israel
Barron Howard.........................................Pastor, Hillsong Church Australia
Randy Howard...........................Senior Pastor
Palma Hutchinson.................................International Director for Youth Ministries, Church of God of Prophecy
Feb Idaho.............................................Pastor, Benson Idaho University
Benin City, Nigeria
Cosmas Ichukwu..........................General Overseer
Charismatic Renewal Ministries, Owerri, Nigeria
Max D. James..................................Pastor/President
Data Management Systems of Texas, Inc.
Rob and Laura Koke.........................Pastors, Shoreline Christian Center
Bill and Barbara Kuert...................................Missionaries, Nairobi, Kenya
John Lafitte............................................Executive Vice President
King Jesus Leadership Institute
Terry Law..................................Pastor, President/Owner, World Compassion
James Leggett...............................General Superintendent
Pentecostal Holiness
Jorge H. Lopez.............................................Senior Pastor
Fraternalidad Cristiana de Guatemala
Apostle G. Maldonado......................King Jesus International Ministry
Stephen Mansfield...............................Founder, The Mansfield Group
Juan Carlos Manzewitsch..................Pastor, General Director
Christian Worship Center of L.A.
Carlos Wehrli..................................Pastor, Co-Pastor, L.A. Dream Center
Charlie Watson...............................Pastor, Heritage Church Richardson, Texas
Carlos Watt....................................................Pastor, General Director
Christian Leadership Conference
Carol Mathews..................................President, Current C Creative
Michael McCleod...................................Director, CBN Indonesia
Jere Melli..........................Pastor/Co-Founder, Christian Life Fellowship
Derrick Miller..........................Pastor/Owner, Operation Blessing
Jesse Miranda.........................................President, The Miranda Center
Efrain Mora....................................................Pastor, Hispanic Church Lakewood, California
Larry Wayne Morbit.....................Chief of Staff, Missionary Baptist Crusade
Mully Children’s Family, Nairobi, Kenya
Charles Mulli......................................Founder and CEO
Mully Childrens’ Family, Nairobi, Kenya
Myles E. Munroe...................President, Bahamas Faith Ministries International, Inc.
Tom Newman..................................President, Impact Productions
Jim Norton.....................President, Jim Norton Toyota/Ford/Mitsubishi
Angel L. Nunez......................................Senior Pastor, The Bilingual Church
Ron Luce.............................................Senior Pastor, The National Hispanic
Christian Leadership Conference
Eve Nunez..................................President/Founder, Arizona Latino Community
Randy Nunez..............................Pastor, Interpreter, Hispanic Church
Pete Nuessle.............................................Pastor, Grand View
Magdalena E. Briones....................Director, CBN Indonesia
Eliezer Zebadiah.......................Pastor, The Classical Academy Charter School
Mully Children’s Family, Nairobi, Kenya
Chuck Ramsey..............................................Pastor, The Ramsey Company
Reid Reffring..........................President, Procurement Manager
Mully Children’s Family, Nairobi, Kenya
Samuel Rodriguez...................President, National Hispanic Christian Leadership Conference
Charles Scott..................General Bishop, Pentecostal Church of God
Morris Sheets..................................Founder and Senior Pastor
Heritage Church Richardson, Texas
David Shirley......................................President, Global Advance
Bryan Shuler..........................Pastor, Capital Life Church, Washington, D.C.
Martin Ssempa..................................Pastor, Makerere Community Church
Bob Stamps............................................Pastor, Makerere University, Kampala, Uganda
Virginia Union Theological Seminary
Mark Sterne.............................................Pastor, Higher Power Aviation
Paula Sterne.............................................Nurse
Larry D. Stockstill..................Pastor, Bethesda Prayer Center
Jim Stovall..................................Author/Columnist
Founder/President, Narrative Television Network
John Sung.............................................Pastor, Carpenter’s Home
International Church
Stephen Strang............................Pastor, President
Strang Communications
John Suau.............................................Chief Operating Officer
Rumah Sakit Siloam Gneaghes Hospital
David E. Sumrall.........................Senior Pastor, Cathedral of Praise
Petey Sumrall..........................President and CEO, LeSEA Broadcasting
LeSEA Ministries, LeSEA Global Feed the Hungry
Cliff Taulbert..........................President, Fremont Corporation
Building Community Institute
Weldon Tisdale..........................Pastor, Friend Church
Robert W. Tull, Jr..........................President, Tull Financial Group, Inc.
R. Lamar Vest..................President/CEO, American Bible Society
Leesa C. Waliszewski..............................Dean of Instructional Philanthropy
The Classical Academy Charter School
Robert S. Waliszewski....................Media and Culture Director
The Boeing Company
Pastor, Hispanic Ministries Lakewood Church
George Wood.............................................General Superintendent, Assembly of God
Kelli Wright....................................................For News Network

Academics

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

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

Oral Roberts University Anna Vaughn College of Nursing is accredited by the Commission on Collegiate Nursing Education (CCNE), One Dupont Circle, NW Suite 530, Washington, D.C. 20036-120, (202) 887-6791 and is approved by the Oklahoma Board of Nursing.

The Social Work program of the Behavioral

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

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

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

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

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

**AFFILIATIONS**

**International Extension/Affiliation**

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

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

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

**Council for Christian Colleges and Universities**

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

**ADMINISTRATION DIRECTORY**

**President and Vice Presidents**

President
Mark Rutland, Ph.D..........................495-6175
........................................................mmrutland@oru.edu

Provost
Ralph Fagin, Ph.D...............................495-6207
.....................................................rfagin@oru.edu

Vice President for Academic Affairs
Debra Sowell, Ph.D.............................495-7855
.....................................................dsowell@oru.edu

Vice President and Chief Financial Officer
Michelle Finley, C.P.A.............................495-6203
.............................................mfinley@oru.edu

Vice President for Enrollment Management
Nancy Brainard, Ed.D............................495-7119
..................................................nbrainard@oru.edu

Vice President and Chief Operations Officer
Tim Philley, M.B.A..............................495-6970
..................................................tphilley@oru.edu

Athletic Director
Mike Carter, J.D..............................495-7150
........................................................mcarter@oru.edu

**Academic Deans**

Dean of Learning Resources and Director of International Programs
William W. Jernigan, Ed.D..........................495-6723
........................................................wjernigan@oru.edu

Dean of the College of Arts and Cultural Studies
Wendy Shirk, Ed.D..........................495-7742
.....................................................wshirk@oru.edu

Dean of the College of Business
Steven Greene, D.B.A..........................495-7040
........................................................sgreene@oru.edu

Dean of the College of Medicine
Steven K. Boyd, Ed.D..........................495-7108
.....................................................kboyd@oru.edu

Dean of the Anna Vaughn College of Nursing
Kenda J. Jezek, Ph.D..........................495-6198
..........................................................kjezek@oru.edu

Dean of the College of Science and Engineering
Dominic Halsmer, Ph.D..........................495-6004
........................................................dhalsmer@oru.edu

Dean of the College of Theology and Missions
Thomson K. Mathew, D.Min., Ed.D..........................495-7016
........................................................tmathew@oru.edu

Dean of Distance Learning
Steven Greene, D.B.A..........................495-7040
........................................................sgreene@oru.edu

Associate Dean of the College of Theology and Missions
Cheryl Iverson, Ph.D..........................495-6088
..................................................civerson@oru.edu

**Academic Department Heads**

Behavioral Sciences..........................495-6534
Randall Feller, Ph.D..........................rfeller@oru.edu

Biology and Chemistry..........................495-6930
Hal Reed, Ph.D..........................hreed@oru.edu

Business (Undergraduate)..........................495-6551
James Russell, Ph.D..........................jrussel@oru.edu

Business (Graduate)..........................495-6988
Marshall Wright, Ph.D..........................mwright@oru.edu

Communication, Arts, and Media..........................495-6489
Laura Holland, M.F.A..........................lholland@oru.edu

Distance Learning..........................495-7003
Steven Greene, Ph.D..........................sgreene@oru.edu

Education (Undergraduate)..........................495-7085
Linda Dunham, Ed.D..........................ldunham@oru.edu

Education (Graduate)..........................495-7087
Patrick Otto, Ed.D..........................potto@oru.edu

Engineering, Computer Science, Physics, and Mathematics..........................495-6935
John Matsson, Ph.D..........................jmatsson@oru.edu

English and Modern Languages..........................495-6765
Rob Skinner, Ed.D..........................rskinner@oru.edu

Family, Children, and Youth..........................495-6833
Fritz Huber, Ed.D..........................fhuber@oru.edu

History/Humanities/Government..........................495-6063
Michael Hirlinger, Ph.D..........................mhrilinger@oru.edu

Music..........................................................495-7501
J. Randall Guthrie, D.M.A..........................rguthrie@oru.edu

Nursing..........................................................495-6198
Kenda Jezek, Ph.D..........................kjezek@oru.edu

Theology (Undergraduate)..........................495-6908
Edward Watson, Ph.D..........................ewatson@oru.edu

**Directors and Office Heads**

Admissions..........................495-6529
Chris Belcher..........................cbelcher@oru.edu

Alumni Relations and Annual Fund..........................495-6610
Jesse Pisors..........................jpisors@oru.edu

Assessment..........................495-6538
Calvin H. Easterling, Ph.D..........................ceasterling@oru.edu

Career Services..........................495-6912
Allison Jones..........................ajones@oru.edu

Center for Israel and Middle East Studies..........................495-6072
John Swails, III, Ph.D..........................jswails@oru.edu
Communications..........................495-6604
Debbie George..............................dgeorge@oru.edu

Controller..................................495-6001
Rob Sellers..................................rsellers@oru.edu

Counseling..................................495-6655
Michelle Taylor............................mtaylor@oru.edu

Dean of Men..................................495-7701
Matthew Olsen..............................molsen@oru.edu

Dean of Women.............................495-7708
Lori Sylvester..............................lsylvester@oru.edu

Development Services.....................495-7219
Paula Lee....................................plee@oru.edu

Facility Services/University Calendar....495-6421
Jed Cravalho.................................jcravalho@oru.edu

Faculty Excellence........................495-6721
Even Culp, Ed.D..............................eculp@oru.edu

Financial Aid..................................495-7088
William Womack............................wwomack@oru.edu

Golden Eagle Club.........................495-7400
Scott Higgins................................shiggins@oru.edu

Hispanic Center..............................495-7703
Dan Guajardo, Ed.D..........................dguajardo@oru.edu

Housing.......................................495-7711
Brandon Almeida............................balmeida@oru.edu

Human Resources/Risk Management......495-7163
Bill Webb....................................bwebb@oru.edu

Institutional Research......................495-6538
Calvin H. Easterling, Ph.D..................ceasterling@oru.edu

Information Technology....................495-7975
Mark Bender.................................mbender@oru.edu

International Programs......................495-6723
William W. Jernigan, Ed.D..................wjernigan@oru.edu

International Students.....................495-6488
Kathryn Neal..................................kneal@oru.edu

Major Gifts and Development Services....495-7324
George Paul..................................gpaull@oru.edu

Marketing...................................495-7984
Angela Brashears..........................abrashears@oru.edu

ORU Bible Institute.........................495-7097
Paul King, D.Min., Th.D.....................pking@oru.edu

Outreach Ministries........................495-7723
Tammy Schneider............................tschneider@oru.edu

Public Relations............................495-6649
Jeremy Burton...............................jburton@oru.edu

Recruitment
ORU Online Programs........................1(800) 643-7976
Recruiter (Distance Learning)............info@oruonline.com
Rebecca Gunn (Graduate Business)...rgunn@oru.edu
Lance Miller (Graduate Education)...lamiller@oru.edu
Debbie Watkins (Graduate Theology)...dwatkins@oru.edu

Registrar...................................495-7480
David Fulmer.................................dfulmer@oru.edu

Security......................................495-7749
Jerry Isaacs..................................jsaacs@oru.edu

Spiritual Formation........................495-7767
Clarence Boyd, D.Min........................cboyd@oru.edu

Student Accounts..........................495-6370
Tonya Helm....................................thelm@oru.edu

Student Development.......................495-7703
Dan Guajardo, Ed.D..........................dguajardo@oru.edu

Student Resources.........................495-7018
Danny Ziriax.................................dziriax@oru.edu

Student Success and Retention............495-7650
Sheree King.................................sking@oru.edu

Worship and Media Productions..........495-6022
Wayne Lee....................................wlee@oru.edu

Major Gift Officers

Chris Miller.................................Director of Development
7777 S. Lewis................................Academic and Estate Planning
Tulsa, OK 74171
(918) 495-7436
cmiller@oru.edu

Michael Jelsing.............................Major Gift Officer
7777 S. Lewis
Tulsa, OK 74171
(918) 671-8748
mjelsing@oru.edu

Chris Johnson...............................Major Gift Officer
7777 S. Lewis
Tulsa, OK 74171
(918) 671-8672
chjohnson@oru.edu

Calvin Moore.................................Major Gift Officer
7777 S. Lewis
Tulsa, OK 74171
(918) 671-8757
cmoore@oru.edu

Harry Turner.................................Major Gift Officer
7777 S. Lewis
Tulsa, OK 74171
(918) 605-7563
hturner@oru.edu

Dawn Ward.....................................Major Gift Officer
7777 S. Lewis
Tulsa, OK 74171
(918) 407-2292
dward@oru.edu

Oral Roberts University
COMMITMENTS

FOUNDING VISION

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

MISSION

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

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

CORE VALUES

Christian Distinctiveness

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

Whole-Person Education

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

Excellence with Integrity

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

Caring Community

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

HONOR CODE LIVING

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

At ORU, students pledge to endeavor to present a good appearance at all times. In both attire and behavior, students should strive to demonstrate good taste in all instances. The way they present themselves is of vital importance to the way others perceive Christ. An individual’s conduct should never be an embarrassment to others, but should exemplify the best qualities of a mature and respectful student. The university’s dress code promotes such an attitude. A detailed description of the dress code is available from the Student Development Office.

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

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

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

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

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

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

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

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

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

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

HONOR CODE PLEDGE

In signing the Honor Code Pledge, I fully recognize that Oral Roberts University was founded to be and is committed to being a leading academic institution serving the interdenominational Body of Christ, offering a lifestyle of commitment to Jesus Christ of Nazareth as personal Savior and Lord. I further recognize that the university’s ministry is that of providing a Whole Person education with a charismatic distinctive. It is therefore my personal commitment to be a person of integrity in my attitude and respect for what Oral Roberts University is in its calling to be a Christian university.

1. I PLEDGE to apply myself wholeheartedly to my intellectual pursuits and to use the full powers of my mind for the glory of God.

2. I PLEDGE to grow in my spirit by developing my own relationship with God.

3. I PLEDGE to develop my body with sound health habits by completing the required aerobics program and by participating in wholesome physical activities.

4. I PLEDGE to cultivate good social relationships and to seek to love others as I love myself. I will not lie; I will not steal; I will not curse; I will not be a talebearer. I will not cheat or plagiarize; I will do my own academic work and will not inappropriately collaborate with other students on assignments.

5. I PLEDGE at all times to keep my total being under subjection from all immoral and illegal actions and communications, whether on or off campus. I will not take any illegal drugs or misuse any drugs; I will not engage in or attempt to engage in any illicit, unscriptural sexual acts, which include any homosexual activity and sexual intercourse with one who is not my spouse through traditional marriage of one man and one woman. I will not drink alcoholic beverages of any kind; I will not use tobacco; I will not engage in other behavior that is contrary to the rules and regulations listed in the Student Handbook.

6. I PLEDGE to maintain an integrity of openness to God’s claims on my life and to do my utmost to know and follow His will for my life.

7. I PLEDGE to attend class, all required chapel services on campus, and my choice of a house of worship wherever God is honored and lifted up.

8. I PLEDGE to abide by the rules and regulations that may from time to time be adopted by the university administration. I understand Oral Roberts University is a private school that is governed by a Board of Trustees, which has final authority on all matters. I understand that the university reserves the right to require the withdrawal of a student at any time if in the judgment of the president of the university and the University Discipline Committee such action is deemed necessary to safeguard ORU’s ideals of scholarship or its spiritual and moral atmosphere as a Christian university.

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

WHAT IS ORAL ROBERTS UNIVERSITY?

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

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

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

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

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

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

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

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

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

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

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

1. ORU is a Christian institution.
   The university stands for the authority of the Bible as the Word of God and subscribes to historic Christianity through which the Holy Spirit has continued to guide the Church with His gifts.
   ORU believes in God the Father, God the Son, and God the Holy Spirit as revealed in Scripture and explained by the Church in her ancient creedal statements.
   The university has been supported by many generous Christians from various denominations who are faithful to the essentials of the Christian faith and acknowledge the continued activity of the Holy Spirit in the Church. ORU seeks to be faithful to its calling from God and to these dedicated brothers and sisters in Christ.

2. ORU is a Christian institution with the distinctive charismatic dimension of the Holy Spirit and the gifts of the Spirit.
   These include the wonder gifts as described by St. Paul in 1 Corinthians 12:14, including the prayer language of the Holy Spirit, the ministry gifts (Romans 12:4-8), and the gifts of apostles, prophets, evangelists, and pastors-teachers (Ephesians 4:11-13). Faculty, students, and staff are expected to be actively open to participation in all of the gifts of the Holy Spirit, thus demonstrating active participation in the charismatic experience.
   The gifts of the Holy Spirit have not been revoked; there have been two thousand years of Pentecost. Thus, we affirm the Scriptures and the continued voice of the Spirit in the Church up to the present, holding fast to “treasures old and new.”
   In its relentless quest for truth and wisdom, ORU exists so that the Holy Spirit can reveal new areas of research and add to the existing corpus of knowledge.

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

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

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

4. ORU is grounded in the liberal arts and sciences tradition with a dedication to the education of the whole person.
   This includes an emphasis on Western civilization and the Judeo-Christian tradition from which the institution of the university has emerged.
   In addition to criteria for academic excellence, criteria exist for evaluating the spiritual and physical conditions of each student.

5. ORU is a distinct institution.
   • Faculty. Faculty members are dedicated Christian men and women who acknowledge Jesus Christ as their Lord and Savior and are actively open to all of the gifts of the Holy Spirit. They practice and support charismatic spirituality and live out a spiritual ecumenicity that reaches out to the greater Body of Christ.
   They affirm with Oral Roberts, the founder, that different churches have “a piece of the truth of God” and that ORU emphasizes “the healing ministry of Jesus returning to the people” which “has been neglected or forgotten” (Expect a Miracle: Autobiography 139). The faculty members are expected to serve in the various churches and denominations in which they choose to worship.
   • Curriculum. ORU has a broad liberal arts and professional curriculum with particular emphasis upon biblical and theological studies, humanities, fine arts, social sciences, natural sciences, health sciences, education, and business. This enables the student body to take God’s illumination and renewal into every person’s world.
   • Truth. ORU holds that all truth, whether natural or supernatural, scientific or spiritual, has a divine origin and that the Holy Spirit, the Spirit of Truth, becomes a catalyst in the quest for truth. ORU presents all major positions and viewpoints in a fair assessment, but the university does not espouse all viewpoints. It is committed to promoting historic Christianity and the fruits of Western civilization.
   • Prayer. ORU emphasizes prayer as a way of life. On the ORU campus, prayer is a normal and natural means of constantly relating all of life to the will of God. ORU emphasizes prayer both on the level of the inner person, “praying in the Spirit,” and prayer on the level of understanding (1 Corinthians 14:15, Ephesians 6:18, 1 Thessalonians 5:17).

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

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

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

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

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

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

Quest for the Whole Person

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Library

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

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

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

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

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

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

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

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

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

The Electronic Resources Center (ERC), immediately adjacent to the reference area, contains networked computers for accessing the Internet and the library’s electronic resources. In addition to university computers provided for student use, network ports facilitate use of patron-owned laptops in the ERC. Wireless access and Ethernet jacks are available throughout the library. The ERC is also equipped with networked printers and photocopiers. Another copy machine is available beside the Circulation Desk.

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

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

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

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

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

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

Information Technology

Academic Computer Labs provides access to general use computers (located in GCC2A01) and three classrooms (GCC2A02, GCC2A03, GCC2A04). The general use computer lab contains 60 computers for academic use. From this computer lab, students can access the Internet and email. Software for student use includes the Ultimate Microsoft Office Suite along with specialized programs used in several academic areas on campus, such as engineering, statistics, mathematics, and computer science.

The Student IT Help Desk is located in the Academic Computer Lab (GCC2A01), technical support is provided by lab assistants and the lab director. These services include support for email (GroupWise), Novell, dorm technology (e.g., cable TV, Internet, telephone), virus protection software, D2L, and ePortfolio®. The student IT Help Desk can be reached at (918) 495-6321.
Communication, Arts, and Media Studio and Labs, located on the first floor of the Learning Resources Center, contain a state-of-the-art television studio, six video edit stations, three audio labs, the Student Publications Lab, the Print and Broadcast Journalism Lab, and two multimedia labs. The main audio lab consists of seven 24-track consoles with outboard processing and Pro Tools editing software. A Foley stage, ADR studio and surround sound are part of another Pro Tools 002 studio.

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

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

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

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

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

The center occupies two rooms with state-of-the-art equipment. One room, the language lab, contains 28 stations of Dell computers with Melissi Digital Classroom software, a Symposium smart board, an ELMO video presentation stand and Panasonic LCD display projector and screen. In the lab, students practice conversation skills through the headsets, record their voices, and type an essay in the target language, and send or receive digital files from the instructor station. Instructors are able to display Internet pages and various video feeds directly to student computers, as well as monitor students’ activity remotely to provide assistance as needed.

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

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

The Timko-Barton Media Technology and Commercial Music Lab is a facility located in the north end of the Timko-Barton Music Building. State-of-the-art equipment housed in the technology lab includes Macintosh supercomputers, ProTools digital audio workstations, DP and Logic sequencers, high-end syntheizers (Korg, Kurzweil, Alesis, etc.), mixing boards, MIDI controllers, and various support peripherals. A ProTools HD commercial studio occupies part of the lab. This suite is set aside for upperclassmen to pursue real-world recording opportunities.

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

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

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

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

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

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

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

**Student Resources**

The Tutoring Center provides trained peer tutors and self-directed active learning programs to help students with their academic work in English and mathematics. Tutors provide assistance on writing assignments and mathematics for all students in every discipline. In addition to individualized tutorial instruction, the Tutoring Center has computers, giving students access to word processing and Internet services. Students enrolled under the Bridge Program, in COMP 101, or in MAT 099 are required to complete a schedule of instruction in the Tutoring Center.

The campus bookstore is located on the third floor of the Learning Resources Center. Students may purchase textbooks, classroom supplies, personal items, ORU clothing, and other supplies. The bookstore accepts cash, credit cards, personal checks with valid driver’s license, Eagle Bucks, and Follett Bucks. More information is available at (918) 495-6656.

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

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

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

The Comprehensive Advisement Center (CAC) helps all new students entering ORU by assisting in the development of their first semester schedules. All freshman exploratory majors and students admitted on the Bridge Program are advised in the CAC throughout their freshman year. The advisor helps students set academic goals and assists them in the selection of a major based on their individual strengths. All other students are assigned an advisor in their major areas of study. All faculty members set aside regular office hours to assist students.

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

The Student Resources Office at Oral Roberts University, in compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act, assures that no qualified individual with a disability will be denied reasonable accommodations in modification of policies, practices, and procedures. The Student Resources Office offers reasonable accommodations to clients based upon their individual needs. Accommodations offered to clients as services
through this office include, but are not limited to the following:
• Alternative testing
• Textbooks on tape
• Adaptive HPE
• Interpretation
• Note-taking and transcriptions
• Text enlargements
• Counseling on disability issues
• Parking and access services
• Academic adjustments
• Additional accommodations (as deemed reasonable)
  
  These accommodations are based on need, not desire. All services are intended to allow clients full access to the programs and campus of Oral Roberts University and are not intended to give the client an unfair advantage over other students.

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

The Eagle Card Center is located on the third floor of the Learning Resources Center. Every student must bring a valid government photo ID to receive an Eagle Card, which serves as the student’s ID card. Students may also use Eagle Cards for dining services both on- and off-campus, library check-out, athletic events, aerobic center access, and for vending and laundry machines. More information is available in the Eagle Card Center at (918) 495-7226.

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

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

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

The following services are provided:
• Strengths-based Assessment. Comprehensive assessment instruments are available to assist students with the process of self-evaluation in selecting academic majors and developing career strategies that correlate with their talents, skills, and interests.
  • On-campus interviewing and recruitment. During the fall and spring semesters, organizations from across the country conduct on-campus interviews and participate in career events designed to connect students with potential employers. The calendar of such on-campus events is posted on the Career Services website: www.orugoldenhire.com.
  • Job Postings. Current listings of worldwide employment opportunities and internships from every sector of industry are maintained online with Career Services through the Golden Hire Network (http://www.orugoldenhire.com). Students are encouraged to utilize this resource when seeking either temporary or permanent positions.
• Golden Hire Network. Career Services maintains a fully integrated online database linked to the Career Service’s Web site at http://www.orugoldenhire.com. This resource provides a venue for strategic employment partners and the human resources professionals of organizations around the world to connect ORU students, graduates, and alumni with potential opportunities. All on-campus employment, internships, cooperative, and part-time and full-time positions offered to ORU students and alumni are updated daily and available through this Internet medium 24/7.
• Career Performance Workshops. Frequent workshops (e.g., resume workshops and mock interviews) are offered to students regarding practical work-related skills necessary for securing and maintaining a successful career.
• Graduate and Professional Education. Extensive files are maintained in graduate and professional education programs available to students and alumni seeking to continue their education. Guidance and counseling in preparing for the application process are also available. More information is available on the Career Service’s Web site at http://www.orugoldenhire.com.

The staff of the ORU Department of Public Safety and Security maintains a highly visible 24-hour police force. Uniformed police officers patrol the campus 24 hours per day, 7 days per week. The force ensures the safety and security of students, faculty, and guests. The police force is trained in all aspects of law enforcement and are available to assist students, faculty, and guests with any concerns they may have.

To access services, students must contact the Student Resources Office. Assistance may be obtained by calling (918) 495-7018. More information is available on the Career Service’s Web site at http://www.orugoldenhire.com.

Admission Information --Undergraduate

Admission Requirements

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

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

First-Time Freshmen Applicants

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

Full Acceptance. The following criteria are required for full acceptance:
• High school cumulative GPA of at least 2.6 or a 52 or higher average GED.
• Graduation rank in the top 40% of the student’s class.
• A composite ACT score of at least 20 or an SAT score of at least 940 on the verbal and math sections.

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

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

Transfer Student Applicants

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

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

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

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

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Oral Roberts University
International Applicants

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

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

• A Minimum TOEFL (Test of English as a Foreign Language) score of 505 (173-computer-based or 61 Internet-based) for students whose first language is not English.
• A Minimum IELTS (International English Language Testing System) score of 6.5 on the Academic Module.
• Affidavit of support and bank statements verifying ability to pay. Financial statements are also required for immigration purposes.

Concurrent Enrollment Applicants

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

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

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

Special Student Applicants

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

Applicants for Readmission

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

Applications

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

• Application (available in paper form or online)
• Application fee ($35; fee is waived if the student applies online)
• Secondary School Record. Applicants must have a high school diploma or the equivalent. Most applicants follow a challenging college preparatory curriculum in high school. This curriculum should include a minimum of 12 units (a unit is equal to one year of study). No units are granted for activity courses, such as athletics, band, choir, or vocational courses. The following secondary school credits are recommended:
  • Four years of English
  • Two years of a foreign language
  • Two years of mathematics, including algebra and geometry (or two years of algebra)
  • Two years of science, one of which must be a laboratory science
  • Two years of social studies
  • Four years of electives

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

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

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

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

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

• Enrollment Deposit. When admission is granted, a nontransferable enrollment deposit is required to secure scholarship/grant offers. The student is placed in the upcoming class. This deposit is not paid until after the first day of class. (for fall semester) or by December 1 (for spring semester). The enrollment deposit is not an additional charge. It is credited to the student's account and applied toward tuition costs.

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

Deficiencies

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

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

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

Application Deadlines and Notification

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

• For fall and summer enrollment

  Early Action—November 15
  Priority Consideration—February 15

• For spring enrollment

  Priority Consideration—September 15

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

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

Placement and Proficiency Examinations

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

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

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

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

AP and CLEP score reports are kept in permanent student files and cannot be copied or reissued. Official AP and CLEP score reports can be obtained by writing to the following addresses:
institutions attended outside of Oral Roberts University and Student Account Office. Official transcripts from Graduate School of Education Admissions Committee, schools.

ADMISSION INFORMATION

Graduate and professional programs at Oral Roberts University are an extension of the undergraduate curriculum and university lifestyle designed to provide in-depth concentration in a chosen academic field while maintaining a whole-person approach to education—a balanced development of body, mind, and spirit. Graduate students at ORU are encouraged to develop to their fullest potential. In keeping with this philosophy, the Admissions Committee gives due regard to (1) scholarly attainment as shown by academic college or university records and examinations, (2) desire for continuing formal education, (3) character and personality traits, (4) leadership qualities, and (5) compatibility with the spiritual and intellectual philosophy of the university. More information is available in this catalog under the sections for the specific graduate schools.

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

DEGREE-SEEKING STUDENTS

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

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

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

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

NON-DEGREE-SEEKING STUDENTS

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

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

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

CONCURRENT GRADUATE STUDY

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

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

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

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

FINANCIAL INFORMATION

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

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

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

TUITION AND FEES

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

Undergraduate

<table>
<thead>
<tr>
<th>Tuition and Fees</th>
<th>2010-2011</th>
<th>2011-2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-Time</td>
<td>$810</td>
<td>$810</td>
</tr>
<tr>
<td>Additional and Part-Time</td>
<td>$9,691</td>
<td>$9,691</td>
</tr>
</tbody>
</table>

- Undergraduate
  - Full-Time: $810 per semester (12.0 - 18.5 hours)
  - Additional and Part-Time: $9,691 per semester (over 18.5 or under 12 hours per semester, minimum one credit hour)
Additional and Part-Time Tuition per audit hour
(over 18.5 or under 12 hours per semester)
2010-2011 $405
Summer School Tuition per credit hour
2010-2011 $556

Graduate
Graduate Business and Education
Tuition per graduate hour
2010-2011 $523
Audit per graduate hour
2010-2011 $261.50
Correspondence per three-hour course
2010-2011 $882

Graduate Theology and Missions
Tuition Masters-Level per hour
2010-2011 $456
Audit Masters-Level per hour
2010-2011 $273
Doctor of Ministry per hour
2010-2011 $456

ORU Distance Learning
Online Degree Programs/8-week online courses
Undergraduate Tuition per credit hour
2010-2011 $399
Home School College Program
Tuition per credit hour
2010-2011 $499

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

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

Student per calendar year
2010-2011 $750
Student and Spouse per calendar year
2010-2011 $2,587
Family per calendar year
2010-2011 $6,244

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

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

Course Fees
- A $40 fee is charged for most art courses (art history courses are $15) as identified in the course descriptions at the back of this catalog.
- Most music courses have fees, such as instrument use fees, as identified in the section titled “Music Fees” later in this section.
- Some courses in the Communication, Arts, and Media Department have fees ranging from $5 to $40. They are identified in the course descriptions section at the back of the catalog.
- A $30 fee is charged for each student in PED 100 and a $25 fee for each student in PED 203 the College of Education.
- Students in PED 450 or GPED 650 Student Teaching: Away are charged a $1000 fee to cover travel and hotel expenses for the university supervisor.
- A $35 or $55 fee is charged for each engineering course in which a student enrolls.
- Students enrolled in GEN O99 or PRF O99 are charged a fee of $70.
- Each student in HPE 001 Health Fitness is charged a $30 fee to cover use of university physical education and recreation equipment and services while the student is enrolled at ORU.
- Some activity courses (golf, equestrian, life guarding, and bowling) have fees that are charged by the off-campus facilities providing the health fitness activities. These fees are set by the facilities and are subject to change.
- Backpacking has a $60 course fee paid to the university.

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

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

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

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

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

Malpractice Insurance and Background Check Fees
A $225 lab fee for students in NUR 202, 305, 307, 406, and 430. This fee covers background checks,.sim lab supplies, malpractice insurance, and ATI testing fees.
- Students in practicums, internships, and field education courses are charged a professional liability insurance fee of $15 and a background check fee of $25.50.

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

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

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

Summer School Administrative Fee
Each student is charged $10 per summer session of enrollment.

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

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

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

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

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

Behavioral Sciences Department
- Psychology
  Contact Person: Randall Feller (rfeller@oru.edu or 918-495-6544)
- Social Work
  Contact Person: Lanny Endcott (lendcott@oru.edu or 918-495-6534)

Biological and Chemistry Department
- Biology
  Contact Person: Marcia Matthews (mmatthews@oru.edu or 918-495-6930)
  - Science Education
    Contact Person: Catherine Klehm (cklehm@oru.edu or 918-495-6919)
  - All chemistry majors
    Contact Person: William Collier (wcollier@oru.edu or 918-495-6827)

College of Business
- All majors and degrees
  Contact Person: Bill Elliott (belliott@oru.edu or 918-495-7114)

Communication, Arts, and Media Department
- Drama, Drama-Television-Film Performance
  Contact Person: Laura Holland (lholland@oru.edu or 918-495-6870)
- Media Communication
  Contact Person: Charles Zwick (czwick@oru.edu or 918-495-6872)
- Organizational-Interpersonal Communication
  Contact Person: Agena Farmer (afarmer@oru.edu or 918-495-6882)
- Graphic Design Print and Video
  Contact Person: Jason Howell (jhowell@oru.edu or 918-495-6812)
- Studio Art
  Contact Person: Nathan Opp (nopp@oru.edu or 918-495-6212)
- Art Education
  Contact Person: Darlene Gaskill (dgaskill@oru.edu or 918-495-6213)
- Communication Arts Education
  Contact Person: Denise Miller (dmiller@oru.edu or 918-495-6375)

College of Education
- All bachelor's degree programs
- All master's degree programs
- Doctor of Education degree program
  Contact Person: Gerald Landers (glanders@oru.edu or 918-495-7001)

Engineering, Computer Science, Physics, and Mathematics Department
- Engineering and Engineering Physics
  Contact Person: Xiaoming Ma (xma@oru.edu or 918-495-6934)
- Computer Information Technology
  Contact Person: Dave Eiland (daveland@oru.edu or 918-495-6696)
- Mathematics, Mathematics Education
  Contact Person: Robert Steward (rsteward@oru.edu)

English and Modern Languages Department
- All English and writing majors
  Contact Person: Linda Gray (lgray@oru.edu or 918-495-6761)
- All foreign language majors
  Contact Person: David Farnsworth (dfarnsworth@oru.edu or 918-495-6768)

Health, Physical Education, and Recreation Department
- All majors
  Contact Person: Scarlet Johnson (sjohnson@oru.edu or 918-495-6821)

History, Humanities, and Government Department
- All majors
  Contact Person: Warren Rieger (wrieger@oru.edu or 918-495-6067)

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

College of Nursing
- Nursing
  Contact Person: Laurie E. Doerner (ldoerner@oru.edu or 918-495-6140)

College of Theology and Missions
- All undergraduate majors
  Contact Person: Carol Blan (cblan@oru.edu or 918-495-6098)
- All graduate majors
  Contact: The Graduate School of Theology and Missions

Distance Learning Programs
- All majors
  Contact Person: Gweth Holzmann (gholzmann@oru.edu or 918-495-6466)

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

Students who wish to have long distance access must register with the Telephone Center for a Personal Authorization Code (PAC number). With the use of their PAC number, students may place long distance calls from their rooms or from any phone on campus. There is no monthly service charge for long distance service. Students receive separate, itemized long distance bills each month and are charged only for calls made with the use of their PAC number. Caller ID service is available for a small monthly service charge.

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

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

Student Accounts

Settlement of Accounts

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

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

Students' identification numbers should be included with all payments.

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

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

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

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

Tuition Refunds

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

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

Federal financial aid consists of grants, work study, and loans. To apply for federal financial aid, students complete the Free Application for Federal Student Aid (FAFSA) form online at www.fafsa.gov. The online FAFSA is available as early as January 1 for the following fall semester, and priority awarding is given to those who have completed their files prior to April 16. Each student who has applied for financial aid receives an award notification when an award package has been completed. The student is then directed to log on to Vision at https://vision.oru.edu to see his or her financial aid package.

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

Other Funding

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

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

Undergraduate Financial Aid

Premier Merit Scholarships

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

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

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

Merit Awards

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

Other Scholarships

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

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

Grants

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

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

Athletics Grants are awarded on the basis of proven athletic ability and range up to full tuition, fees, room, board, and books. Federal Pell Grants are awarded on the basis of the FAFSA results to undergraduate students with demonstrated financial need who are working toward their first bachelor’s degree. Awards range up to $5,550 per year for full-time students; part-time students receive proportional amounts to their charges as determined by the federal government.

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

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

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

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

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

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

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

Area Banking

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

Veterans’ Certificate of Eligibility

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

Financial Aid Programs

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

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

Types of Aid

ORU Scholarships and Grants

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

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

Students in distance learning programs are not eligible for ORU scholarships and grants. They may, however, apply for federal financial aid. Students must be enrolled in 12 residential hours in order to be eligible for any institutional aid.
**ORU Need Grants** are awarded on the basis of the FAFSA need analysis results to students demonstrating exceptional financial need after all other financial assistance has been awarded. Need grants amounts may be reduced if other sources of institutional aid are obtained and are not guaranteed for renewal.

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

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

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

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

**Loans**

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

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

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

**Employment**

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

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

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

**Graduate Financial Aid**

**Assistantships**

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

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

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

**Loans**

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

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

**Financial Aid Policies**

**Satisfactory Academic Progress**

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

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

<table>
<thead>
<tr>
<th>Attempted hours</th>
<th>GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-26</td>
<td>1.50</td>
</tr>
<tr>
<td>27-59</td>
<td>1.75</td>
</tr>
<tr>
<td>60+</td>
<td>2.00</td>
</tr>
</tbody>
</table>

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

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

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

**ORU Maximum Aid**

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

**Full-Time Requirement**

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

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

**Financial Aid Disbursement**

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

Students should arrive at ORU with funds to cover a minimum of three month’s living expenses and be able to pay institutional charges at ORU.
Withdrawal
Federal law requires that when a student withdraws during a payment period or period of enrollment, the amount of financial aid “earned” up to that point be determined. If the student received less financial aid than the amount earned, the student will be able to receive those additional funds; if the student has received more financial aid than the earned amount, the excess funds will be returned to their sources and the student may owe ORU for institutional charges.

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

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

ACADEMIC INFORMATION AND POLICIES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Enrollment

Classification of Students
A student’s classification is determined as follows:

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

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

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

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

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

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

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

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

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

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

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

Non-Traditional Coursework

Courses by Special Arrangement

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

Online Courses

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

Off-Campus and Study Abroad Programs

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

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

CCCU Semester Programs

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

The American Studies Program (ASP) is designed to help students integrate faith with the realities of the marketplace and public life. Through a semester of experiential learning in Washington, DC, ASP students explore their career interests while examining specific public policy issues.

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

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

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

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

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

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

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

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

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

CCCU Summer Programs

The Oxford Summer Program is designed to enable students to gain a more comprehensive understanding of the relationship between Christianity and culture and to participate in specialized study under Oxford academicians. This is a five-week study program built around lectures focusing on Christianity and the development of Western culture. In addition to lectures, students enroll in a Field Seminar and a Topical Seminar. The program is appropriate for rising sophomores, juniors, and seniors: graduate and seminary students; non-traditional students; and those enrolled in continuing education programs.

Other Programs

ORU also participates with the following programs:

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

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

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

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

Credit by Examination or Demonstration

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

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

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

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

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

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

Retention for graduate students is contingent upon the following:

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

Students must maintain the lifestyle as defined in the Student Handbook.

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

Course Loads

Fall and Spring Terms

Undergraduate

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

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

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

Graduate

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

The full-time load for doctoral students in the Graduate School of Education is six hours per semester while enrolled in the course-work phase of the program. Two hours per semester constitutes a full-time load when enrolled in dissertation. Students in the dissertation phase are required to enroll in a minimum of two credits for the fall and spring semesters (continuous enrollment) until their dissertation is successfully defended or the student is withdrawn from the program. The student must complete a minimum of eight dissertation credit hours.

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

Summer Sessions

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

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

Full-Time Status for Students with Disabilities

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

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

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

Adding and Dropping

Students may drop or add courses, with the approval of their faculty advisors and the departments in which the courses are offered, within the first two weeks of classes, provided the total load does not exceed 18.5 hours. A signature from the major department chair is required to enroll in more than 18.5 hours. When a course is dropped after two weeks, a “W” is recorded for students passing at the time of the drop. For students not passing, “WF” is recorded. Students withdrawing from a class after the twelfth week receive a “WF.” The “WF” is counted as an “F” in determining the grade point average. Students called up for military duty can request a “WM.”

Class and Laboratory Attendance

Attendance Policy

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

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

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

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

Late Exam Fee

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

Administrative Excuses

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

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

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

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

Incompletes

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

Extension of Incompletes

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

Course Withdrawal

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

Course Repeat

A course may be repeated at ORU to replace the original grade. The course appears on the transcript with all grades given and a repeat flag, but only the most recent grade of a repeated course counts in the GPA. The student must notify the Registrar's Office of any repeated courses by completing a Report of Repeated Course form. Courses may be repeated outside ORU with departmental approval; however, grade point averages earned at ORU remain on the transcript and are not affected by grades earned elsewhere. Double credit is not awarded for repeated classes. Some seminars, internships, music lessons, dance classes, ensembles, and HPE activity courses may be taken more than once for credit.

Pass/No-Pass Option

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

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

Audit

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

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

Application for Graduation

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

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

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

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

Withdrawal from the University

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

Probation and Suspension

Academic

Students are expected to make satisfactory progress toward a degree or other approved objective to be eligible to continue enrolling in the university.

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

Students are placed on probation if they fail to complete the minimum requirements. Students chosen for probation are generally not eligible for financial aid. Students choosing to audit a course must withdraw within the first two weeks of the semester. Credit is not awarded for grades of "F," "I," or "W." Likewise, credit is not awarded for noncredit or audited courses. Students whose grade point averages fall below the minimums required for total quality hours are also placed on probation. These minimums appear in the following chart:

<table>
<thead>
<tr>
<th>Hours Attempted</th>
<th>GPA Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-32</td>
<td>1.50</td>
</tr>
<tr>
<td>33-64</td>
<td>1.75</td>
</tr>
<tr>
<td>More than 64</td>
<td>2.00</td>
</tr>
</tbody>
</table>

Students are removed from probation when they submit additional academic work sufficient to raise them to the minimum requirements. Academic progress is re-evaluated at the end of the following fall semester. Normally, students who are not removed from the probation list after one full year are suspended. Students on probation are generally not eligible for financial aid. Students accepted into ORU on probationary status are subject to the same policies as students placed on probation. Graduate students should consult the graduate academic standing policies in the appropriate graduate sections.

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

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

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

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

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

Financial Obligations

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

HONORS

Honor Rolls

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

Graduating with Honors

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

Undergraduate

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

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

Graduate

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

Transferring Credit

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

Transferring Credit before Matriculation

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

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

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

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

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

Transferring Credit from Oklahoma Colleges and Universities

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

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

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

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

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

Transferring Credit through Articulation Agreements

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

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

Articulation Agreement with Tulsa Community College

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

Admission Criteria

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

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

TCC and ORU also have an Honors Transfer Articulation Agreement designed to facilitate the transfer of students between the honors programs at TCC and ORU. Transfer students may be given full credit for
their honors hours earned when the credit is appropri-
ate to the student’s degree program and the receiving
institution (ORU) has validated the courses, with the
following additional provisions:
• TCC Honors Scholars with a cumulative GPA of 3.5 or
higher qualify for the ORU Honors Program and may use
up to 12 transfer honors credit hours toward the 21 hon-
or hours required for graduating as a transfer scholar.
• TCC Honors Scholars must earn an A or B in any TCC
honors class for it to be used to meet ORU Honors
Program requirements.
• TCC students who meet the ORU Honors Program
requirements (minimum 29 ACT or 1280 SAT and
minimum overall GPA of 3.5 from TCC) may apply for the
Honors Program Scholar’s Scholarship. The deadline is
March 1.
• ORU Honors Program students transferring to TCC’s
Honors Program may use 12 transfer honors hours from
ORU toward TCC Honors Scholarship graduation require-
ments (24 honors credit hours or 21 honors credit hours
plus an approved honors service learning project).
• Both institutions intend to remain active members of
the Great Plains Honors Council and the National
Collegiate Honors Council.

Articulation Agreements with
Bible Institutes and Academies
Oral Roberts University (ORU) and the following
Bible institutes and academies share a similar mission
of preparing students to reach their world with the
Gospel of Jesus Christ and to demonstrate God’s heal-
ing power through the Holy Spirit:
• Christ for the Nations Institute
• Teen Mania
• Victory Bible Institute
• Victory World Missions Training Center
Thus, articulation agreements between ORU and
these educational entities have been developed to
assist students transferring to ORU in order to obtain
a bachelor’s degree from ORU. These agreements help
provide a seamless transition process that allows stu-
dents from these educational entities to transfer
to ORU and receive the maximum allowable credit
towards a baccalaureate degree.

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

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

Credit from Non-Accredited
(Regional) Institutions
Certification, diploma, associate degree, and
other pre-bachelor degree programs issued by institu-
tions not accredited by regional accrediting agencies
and without articulation agreements are not accepted
for block credit. Courses in these programs may be
evaluated individually according to ORU credit transfer
policies.

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

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

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

Transferring Credit
after Matriculation
To transfer courses after matriculation, ORU stu-
dents should consult the transfer guidelines established
by ORU (available online and by request). Courses that
do not have an ORU equivalent but are academic in
nature are counted as general elective credit unless
transferred in to meet a specific requirement through a
Petition to Transfer Course. This approval must be
obtained prior to enrollment in those courses.
For students entering in the fall 2006 or later, a
maximum of 72 semester hours may be transferred to
ORU from a community college or junior college. For
students entering before fall 2006, a maximum of 64
semester hours may be transferred to ORU. A maxi-
mum of 98 hours can be transferred from four-year insti-
tutions. The last 30 semester hours of a degree pro-
gram, including at least six hours in the major field and
the senior paper/project, must be taken at ORU.

ACADEMIC POLICY
CHANGES
The university reserves the right to change aca-
demic policies when deemed necessary and to hold stu-
dents responsible for any revisions. In the case of any
change in courses already completed, students are not
obligated to fulfill the new requirements. All changes are
announced and officially posted. It is ultimately the stu-
dent’s responsibility to stay informed regarding changes that may affect programs and requirements for
graduation.

POLICY EXCEPTION
Students may petition to have a stated policy
modified due to extenuating circumstances. Petitions
for Policy Exception are available in the Registrar’s
Office and, upon receipt of proper signatures, should
be returned to the Registrar’s Office for processing.
Students are notified by mail when final decisions are
taken.
Graduate students and students in distance
learning programs may obtain and process Petitions for
Policy Exception through the Adult Learning Service
Center.

CURRICULUM
The faculty, in its dedication to the goals and pur-
poses of the university, believes its distinct responsibil-
ity is to provide an educational environment in which all
students can realize their full intellectual, physical, and
spiritual potentials. The faculty feels this is best
achieved within the framework of a curriculum of liber-
al studies, a curriculum that represents the dimensions
of life in a free society—art, history, humanities, lan-
guages, literature, mathematics, music, natural sci-
ences, religion, social sciences—a curriculum that also
encourages the development of analytical and compu-
tational skills, as well as skills in speaking and writing.
In addition to the framework of liberal studies and
the enhancement of communication skills, the curricu-
rum is designed to provide a Biblical foundation for
faith, a charismatic dimension for service, and various
opportunities for praise and worship. This curriculum
also promotes a lifestyle of physical well-being, not only
through coursework in health, nutrition, and physical
activities but also through a well-rounded program of
intramural sports.

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

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

The Bachelor of Science (B.S.) degree is awarded in
Accounting; Biology; Biomedical Chemistry;
Bioengineering; Business Administration;
Chemistry; Christian Caregiving; Church Ministries;
Computer Information Technology; Drama/Television/Film
Performance; Early Childhood Education; Elementary
Education; Engineering Physics; Environmental
Sustainability; Finance; Graphic Design Print; Graphic
Design Video; Health and Exercise Science; HPE Education; International Business; Liberal Studies; Management; Marketing; Media; Mathematics; Mathematics Education; Professional Elementary Education; Recreation Administration; Science Education; Special Education Mild-Moderate Disabilities; and Worship Arts.

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

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

Graduate

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

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

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

Dual Degrees

Undergraduate

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

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

Graduate

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

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

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

Majors and Minors

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

Majors

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

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

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

Multiple Majors

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

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

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

Minors

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

General Education

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

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

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

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

Requirements

<table>
<thead>
<tr>
<th>Requirements</th>
<th>(9 hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLIT 110</td>
<td>Survey of Old Testament Literature</td>
</tr>
<tr>
<td>BLIT 120</td>
<td>Survey of New Testament Literature</td>
</tr>
<tr>
<td>THE 103</td>
<td>Charismatic Life and the Healing Ministry</td>
</tr>
</tbody>
</table>

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

Communication in English

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

Requirements

<table>
<thead>
<tr>
<th>Requirements</th>
<th>(3 hours)</th>
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</thead>
<tbody>
<tr>
<td>COMP 102</td>
<td>Reading and Writing in the Liberal Arts</td>
</tr>
<tr>
<td>COMP 303</td>
<td>Critical Reading and Writing</td>
</tr>
<tr>
<td>COM 101</td>
<td>Oral Communication</td>
</tr>
</tbody>
</table>

Students making a satisfactory score on the English Placement Examination (70), the SAT (verbal 500), the ACT (English 22), or the TOEFL (550) are
place directly into ENG 101. Students whose scores fall below the cut-off scores must enroll and complete English 100 with a grade of “C” or better as a prerequi-
site for English 101.

**Modern Foreign Language**

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

**Requirements** (0-6 hours)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRE/SPA/GER/HEB 203</td>
<td>Intermediate Level I</td>
<td>3</td>
</tr>
<tr>
<td>FRE/SPA/GER/HEB 203</td>
<td>Intermediate Level or above</td>
<td>3</td>
</tr>
</tbody>
</table>

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

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

**Biological, Physical, and Mathematical Sciences**

Students acquire knowledge of the nature and expression of God’s creation with particular attention to the harmony and pattern of the natural order of the uni-

erse, the revelation of God’s Word, and how all cre-
at
don reflects God’s glory.

**Requirements** (11 hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laboratory Sciences</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Mathematics</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

The eight hours of laboratory science may be selected from anatomy and physiology, biology, chem-
istry, earth science, environmental science, physical science, or physics. The eight hours include two three-
hour lectures and their corresponding one-hour labs. The three-hour mathematics requirement can be satis-
ified as specified by the major’s degree plan sheet. The mathematics requirement must be taken before or con-
current with the laboratory sciences.

**Humanities, Literature, and Fine Arts**

The integrated humanities courses provide an understanding of and appreciation for the major develop-
ments in Western Civilization through art, music, liter-
ature, and history. The courses view these subjects from a Christian/charismatic worldview as they relate to people’s search for meaning in life through a relation-
ship with God.

**Requirements** (12 hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUM 101</td>
<td>Humanitas</td>
<td>3</td>
</tr>
<tr>
<td>HUM 222</td>
<td>Ancient and Medieval Humanities*</td>
<td>3</td>
</tr>
<tr>
<td>HUM 233</td>
<td>Renaissance and Enlightenment  Humanities*</td>
<td>3</td>
</tr>
<tr>
<td>HUM 244</td>
<td>Romantic and Modern Humanities*</td>
<td>3</td>
</tr>
<tr>
<td>HUM 301</td>
<td>Christian Worldview and Culture*</td>
<td>3</td>
</tr>
<tr>
<td>HUM 333</td>
<td>Travel Studies*</td>
<td>3</td>
</tr>
<tr>
<td>HUM 250/ART 103</td>
<td>Art History Survey I</td>
<td>3</td>
</tr>
<tr>
<td>HUM 255/ART 104</td>
<td>Art History Survey II</td>
<td>3</td>
</tr>
<tr>
<td>HUM 260/MUS 300</td>
<td>Music Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>HUM 270/DRAM 215</td>
<td>Introduction to Theatre</td>
<td>3</td>
</tr>
<tr>
<td>COMP 101</td>
<td>College Reading and Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

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

**Social Sciences**

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

**Requirements** (9 hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>GOV 101</td>
<td>American Government</td>
<td>3</td>
</tr>
<tr>
<td>HIS 101</td>
<td>American History</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences Elective</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 201</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SWK 202</td>
<td>Introduction to Social Work</td>
<td>3</td>
</tr>
<tr>
<td>SOC 101</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 201</td>
<td>Marriage and Family</td>
<td>3</td>
</tr>
<tr>
<td>SOC 323</td>
<td>Child and Family in the Social Context</td>
<td>3</td>
</tr>
<tr>
<td>BUS 201</td>
<td>Principles of Economics</td>
<td>3</td>
</tr>
<tr>
<td>FIN 244</td>
<td>Personal Financial Planning</td>
<td>3</td>
</tr>
<tr>
<td>MUS 208</td>
<td>Music in World Cultures</td>
<td>3</td>
</tr>
</tbody>
</table>

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

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

vidual programs and intramural sports throughout their college programs.

Undergraduate students are required to complete the following in sequence: Health Fitness I and II, the swimming proficiency test (except for students 45 years of age or older), and one HPE activity course each semester they are enrolled as campus full-time students. An activity course may be taken only twice for credit. Any student failing the swimming proficiency test must enroll in HPE 026 Beginning Swimming the fol-

lowing semester. One-half to one semester hour is granted each semester for courses 001-150. Full-time undergraduate students may not withdraw from their only HPE activity course for any given semester unless they are withdrawing from the university.

**Requirements** (4.5-5.5 hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE 001</td>
<td>Health Fitness I</td>
<td>3</td>
</tr>
<tr>
<td>HPE 002</td>
<td>Health Fitness II</td>
<td>3</td>
</tr>
<tr>
<td>HPE Activity Electives</td>
<td></td>
<td>2-5.5</td>
</tr>
</tbody>
</table>

**For Documenting Growth... a continuing process of verification of meeting the Student Learning Outcomes as specified in the university’s mission state-

ment spiritually alive, intellectually alert, physically dis-

ciplined, socially adept, and professionally competent.

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

**Requirements** (0 hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN 099</td>
<td>Whole Person Assessment</td>
<td>0</td>
</tr>
</tbody>
</table>

**Senior Paper/Project**

The senior paper/project is required in all majors. It may be an expository paper or report of research or design. Majors in the Music Department may require a recital or internship to satisfy the senior paper require-

ment. Art majors may require a show to satisfy the sen-

ior paper requirement. Science education, health and physical education, social studies education and all majors in the College of Education substitute the pres-

entation of a report and evaluation of the directed teaching experiences.

The senior paper/project in final form is usually due in the major department during the seventh semes-

ter according to the university schedule. To receive honors, a student must earn an A or B on the senior paper and must be successful in the oral defense of the paper in addition to other honors requirements.

**Honors Program**

**MISSION STATEMENT:** The purpose of ORU’s honors pro-

gram is to provide academically gifted students an educa-
tional experience at a level that (1) transcends both the rigor and scope of the general curriculum and (2) inte-

grates the ethical responsibilities of using God’s intellec-
tual gifts for the healing of humanity into the concept of the “whole person” education. The program encourages servant-leadership opportunities both on and off campus.

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

able for students in the program.

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

All students in the Honors Program complete HONR 100 Freshman Honors Seminar. They also com-

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

Fellows take at least five of six interdisciplinary seminars. Each seminar is taught by two faculty mem-

bers and combines two subject areas such as English and art, science and theology, and history and math-
ematics. These interdisciplinary courses replace specific general education courses within the required 24 hours of honors-level general education courses. With approval of the director or associate director of the Honors Program, courses designated as “writing intensive (WI)” can be counted as honors courses.

**Additional Information**

Students in the ORU Honors Program can apply to live in one of the honors dormitory wings, which pro-
mote a quality academic atmosphere. Numerous social activities and service learning opportunities are avail-

able to students in the Honors Program. All students in the program receive special recognition at graduation, and special designations appear on their transcripts and diplomas.
WRITING ACROSS THE CURRICULUM

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

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

ASSessment

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

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

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

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

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

Whole Person Assessment (WPA)

Assessment of student outcomes is essential to improving learning. ORU assesses students’ skills, competencies, and/or attitudes as they enter the university, while they are studying at ORU, and after they have left the university. Assessment occurs at the university, college, department, and course levels.

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

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

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

Physically Disciplined
- Healthy lifestyle
- Physically disciplined lifestyle

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

Professionally Competent
- Discipline-specific according to the outcomes of each student’s major program.

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

All entering students need to compile and maintain an ePortfolio that contains pieces of evidence (called “artifacts”) to document student growth. ePortfolio artifacts include items such as supporting documents, evaluations, recommendations, samples of written work (e.g., term papers, research projects, reflection papers, essays), video clips of presentations, test scores, and evidence of creativity, performance, and extra curricular activities. GEN 199 introduces students to ORU learning outcomes, the university’s philosophy of assessment, skills and strengths assessment relating to career planning, and the technology skills needed for using ePortfolio as a part of the WPA process.

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

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

Air Force ROTC

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

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

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

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

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

STUDENT DEVELOPMENT

The Office of Student Development, headed by the dean of Student Development, includes the following areas: Housing, Dean of Women, Dean of Men, Student Counseling Services, Student Activities, Student Association, Student Chaplains, Missions, Community Outreach, and Spiritual Formation. Student Development has the responsibility to provide leadership and administrative direction for the students of
Oral Roberts University. This emphasis is supported by the Honor Code, which reveals the practical reality of the whole person concept. The Student Development office is responsible for students outside the classroom.

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

**STUDENT LIFE**

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

**Dress Code**

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

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

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

**Men**

Regular Attire

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

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

Casual Attire

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

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

Not Permissible

- Any sunbathing must be done in the designated areas: the hill north of the Quad Towers, between Braxton and Gabrielle Christian Salem Halis, and the ball field (except during ball games). Shorts or swim trunks are acceptable for sunbathing.
- Any questionable attire may be called to the attention of the wearer and referred to the Dean of Men or his staff for evaluation. If found out of compliance, the wearer is expected to change his attire immediately. Failure to comply will result in a disciplinary action.

**Women**

Regular Attire

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

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

Casual Attire

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

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

Not Permissible

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

**Conduct**

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

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

**Student Housing**

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

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

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

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

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

All students under the age of 18 are required to file a Limited Power of Attorney, which entitles ORU to act as attorney-in-fact for the parent or legal guardian.
and in its sole discretion to act in the best interests of the students. This authority automatically expires on the 18th birthday of the student.

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

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

**Church and Chapel Attendance**

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

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

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

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

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

**Student Activities**

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

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

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

**Intramurals**

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

**DEPARTMENT OF INTER-COLLEGIATE ATHLETICS**

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

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

**Objectives**

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

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

ORU has been a member of the Summit League (formerly Mid-Continent Conference) since 1997. During the past 13 years, ORU has won 126 regular season and tournament championships. For 9 of the 13 years, the number of championships which ORU won in a single year has set, tied, or exceeded the conference record for most championships. ORU has won the commissioner's cup for the conference in 9 of their 13 years and finished as runners-up for the award three times. During its 13-year membership, ORU student-athletes have earned 283 individual championships at conference tournaments, 105 conference players of the year, 809 all-conference awards, 955 academic all-conference designations, and 4 conference student-athletes of the year. In 12 of the past 13 years, ORU student-athletes have earned a combined grade point average in excess of 3.0. Sponsored sports are basketball, cross country, golf, soccer, tennis, indoor track, and outdoor track for both men and women; baseball for men; and volleyball for women.

**Staff**

**Mike Carter**..............................................Athletic Director
**Scott Higgins**..............................Associate Athletic Director/Marketing/External Director of Golden Eagle Club
**Rhonda Fowler**..............................Associate Athletic Director/SWA/Assistant Director/Compliance
**Ralph Manning**..............................Associate Athletic Director/Compliance
**Elizabeth Middleton**..........................Director of Compliance
**Kyle Jones**..............................Assistant Athletic Director/Academics
**Brendy Taylor**..............................Academic Advisor/Eligibility
**Vince Volpe**..............................Associate Athletic Director/Exterior Operations

**Terry Uruh**..............................NCAA Faculty Athletics Representative

**Cris Belvin**..............................Assistant Athletic Director of Media Relations
**Kyle Seay**..............................Director of Media Relations

**Richard McCutchen**..........................Director of Marketing/External Operations

**Mike Minyard**..............................Director of Marketing/Ticket Sales
**John Joslin**..............................Director of Sports Medicine
**Daniel Steward**..............................Assistant Athletic Trainer
**Jonathan Connelly**............................Strength and Conditioning Coach

**Scott Sutton**..............................Men's Basketball Head Coach
**Tom Hankins**..............................Men's Basketball Assistant Coach
**Conley Phipps**..............................Men's Basketball Assistant Coach
**Chris Crutchfield**..............................Men's Basketball Assistant Coach
**Steve Upshaw**..............................Assistant Director of Basketball Operations

**Kyan Brown**..............................Men's Basketball Recruiting Coordinator
**Jerrti Finkbeiner**..............................Women's Basketball Head Coach
**Misti Cussen**..............................Women's Basketball Assistant Coach
**Eric Ely**..............................Women's Basketball Assistant Coach
**Micah Vandervort**..............................Women's Basketball Assistant Coach
**Rob Walton**..............................Baseball Head Coach
**Ryan Folmar**..............................Baseball Assistant Coach
**Ryan Neil**..............................Baseball Assistant Coach
**Trevor Leu**..............................Baseball Director of Operations
**Wes Davis**..............................Baseball Volunteer Assistant Coach

**Michael Meachum**..............................Men's Soccer Assistant Coach
**Michael Frickerson**..............................Men's Tennis Assistant Coach
**Ryan Bush**..............................Women's Soccer Head Coach
**Roger Bush**..............................Women's Soccer Assistant Coach
**Chris Million**..............................Men's/Women's Tennis Head Coach
**Joe Dial**..............................Men's/Women's Track/Field Head Coach
**Chris Brown**..............................Women's/Women's Track/Field Assistant Coach
**Shawna Dial**..............................Women's/Women's Track/Field Assistant Coach
**Lance Watson**..............................Men's/Women's Golf Head Coach
**Jennifer Tannehill**..............................Men's/Women's Golf Assistant Coach

**Sheera Sirola**..............................Volleyball Head Coach
**Jani Hagen**..............................Volleyball Assistant Coach
COLLEGE OF ARTS AND CULTURAL STUDIES

Wendy Shirk, Ed.D., Dean

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

FACULTY

Joyce M. Bridgman Assistant Professor of Music B.Mus., Phillips University, 1965; M.Mus., University of Kansas, 1966.
Fleta Buckles Instructor of Humanities B.A., Oral Roberts University, 1974; M.A., University of Tulsa, 1979.
Brenda Calderon Assistant Professor of Spanish B.A., University of Western Ontario, 1970; M.A., University of Toronto, 1972.
Christopher Conford Assistant Professor of Drama B.S., Oral Roberts University, 2004; M.F.A., University of Arkansas, 2007.
Even A. Culp Professor of Communication, Arts, and Media B.S., Florida State University, 1974; M.S., 1975; Ed.D., University of Tulsa, 1987.
Donald R. Eland Assistant Professor of Communication, Arts, and Media B.A., Oral Roberts University, 1975; M.A., University of Tulsa, 1976.
Agena Farmer Assistant Professor of Organizational/Interpersonal Communications B.S., Southwest Missouri State University, 1978; M.S., 1981; Ed.D., Oral Roberts University, 2003.
Cristi Freudenrich Instructor of Communication, Arts, and Media B.S., Oklahoma State University, 1985; M.S., 2004.
Rhonda Gallagher Assistant Professor of Communication, Arts, and Media B.S., Southwest Missouri State University, 1979; M.S., Oklahoma State University, 2002.

Beverly Garrison Assistant Professor of History B.A., Oral Roberts University, 1974; M.A., University of Tulsa, 1976.
Solomon Gemeda Assistant Professor of International Community Development B.A., Addis Ababa University, 1996; M.A., Nata University, 1996; Ph.D., 2002.
Keith Gogan Assistant Professor of English B.A., Oral Roberts University, 1987; M.A., 1994.
J. Randall Guthrie Professor of Music and Chair of the Music Department B.S., University of North Carolina, 1977; M.A., Oral Roberts University, 1987; D.M.A., Southwest Baptist Theological Seminary, 1992.
Mark R. Hall Professor of English B.S.E., Central Missouri State University, 1981; M.S.E., 1982; Ed.S., 1984; M.A., Oral Roberts University, 1989; M.A., 1995; Ph.D., University of Tulsa, 2000.
Dean M. Helland Assistant Professor of Spanish B.A., Arizona State University, 1965; M.Div., Oral Roberts University, 1969; D.Min., 1990.
Christiane Frest Hild Assistant Professor of French, German, and Spanish B.A., Oral Roberts University, 1989; M.A.T., Smith College, 1971.
Michael Hirlinger Professor of Government and Chair of the History, Humanities, and Government Department B.S., Oklahoma State University, 1983; M.A., 1985; Ph.D., University of Oklahoma, 1991.
Laura L. Holland Professor of Drama and Chair of the Communication, Arts, and Media Department B.A., Oral Roberts University, 1974; M.F.A., University of Oklahoma, 1977.
Jason Howell Assistant Professor of Art B.F.A., Oklahoma State University, 1997; M.F.A., Oklahoma State University, 2001.
Mark Labash Assistant Professor of Communication, Arts, and Media B.S., Oral Roberts University, 1974; M.S., Oral Roberts University, 1976.
Angela Lee Assistant Professor of Communication, Arts, and Media B.A., Oral Roberts University, 1993; M.A., Oral Roberts University, 2000; Ph.D., Purdue University, 2008.
Christopher Martin Assistant Professor of Drama B.A., Oral Roberts University, 2004; M.F.A., University of Arkansas, 2007.
Susan McMurray Assistant Professor of Organizational/Interpersonal Communication B.A., Oral Roberts University, 1991; M.A., Oklahoma State University, 1996.
Joseph Mukasa Assistant Professor of Communication, Arts, and Media B.A., Mahere University, 1967; M.A., Oral Roberts University, 1991; Ph.D., University of California, 1981.
M. Lenore Mullican Assistant Professor of Hebrew B.S.N., Oklahoma State University, 1967; M.A., Oral Roberts University, 1993.
Nathan Elijah Opp Assistant Professor of Art B.S., Bola University, 1997; M.S., Pratt Institute, 1999; M.F.A., University of Tulsa, 2005.
Felipe G. Ornelas Instructor of Humanities B.S., Oral Roberts University, 1997; M.A., 2009.
Gary Pranger Associate Professor of History and Humanities B.S., Illinois State University, 1975; M.S., 1980; Ph.D., University of Illinois, 1987.
Chris Putman Assistant Professor of Communication, Arts, and Media B.A., Northeastern State University, 1996; M.S., 1997.
Scott Quant Assistant Professor of Music B.M.E., Oral Roberts University, 1988; M.M.E., University of Rochester, 1992; Ph.D., University of Arizona, 1999.
Warren Riegler Assistant Professor of Humanities B.S., Phillips University, 1972; M.Ed., 1993.
Courtney Sanders Assistant Professor of Drama B.S., Oral Roberts University, 2002; M.F.A., University of Arkansas, 2006.
Laura Ackerman Sherwood Assistant Professor of Communication, Arts, and Media B.S., Oral Roberts University, 1978; M.A.Ed., University of Nebraska, 1998; Ph.D., Regent University, 2009.
Wendy Shirk Assistant Professor of Interpersonal/Organizational Communications and Dean of the College of Arts and Cultural Studies B.A., Oral Roberts University, 1987; M.A., Oklahoma State University, 1991; Ed.D., Oral Roberts University, 2002.
George Stevenson Associate Professor of Music B.Mus., Ouachita Baptist University, 1966; M.C.M. Southern Baptist Theological Seminary, 1971; D.M.A., 1977.
Richard A. Sutfilff Assistant Professor of Music B.Mus., Oral Roberts University, 1994; M.M., University of Tulsa, 1996.
John Swails III Professor of History B.A., University of Georgia, 1969; M.A., 1972; M.A. Brandeis University, 1975; Ph.D., University of Georgia, 1983.
Mary Alice Trent Professor of English B.A., McNeese University, 1987; M.A., 1989; Ph.D., University of Southwestern Louisiana, 1996.
Tim Waters Associate Professor of Music B.M., Furman University, 1987; M.M.Ed., University of Georgia, 1990; D.M.A., 1999.
COMMUNICATION, ARTS, AND MEDIA DEPARTMENT
Laura Holland, M.F.A., Chair

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

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

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

DEGREE PROGRAMS

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

Theatre Arts (B.A.)
The theatre arts major provides a foundation on which one can build experiences in professional, semi-professional, or amateur dramatic production; develops the intellectual, aesthetic, and creative potential of students through drama/television/film as a liberal arts study; (3) prepares students for graduate study in drama, television and film; and (4) provides the student with a variety of acting opportunities and experiences on the live theatre stage, in the television studio, and on the film location.

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

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

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

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

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

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

Media (B.S.)
Students choosing to major in media choose to specialize in one of four concentrations:
• convergent journalism
• public relations
• advertising
• multimedia production
Each concentration requires student engagement in theory, industry practices, the latest technologies, hands-on learning, internship, and special projects. Students graduating from these programs enter a dynamic and diverse marketplace ready to work in industries such as television and film; interactive/web, print, and corporate communication; non-profit and ministry development; politics and public affairs; sales; and interactive, public relations, marketing, and adver- tising agencies.

Teaching Licensure
The Communication, Arts, and Media Department offers three options for students wanting to teach: (1) completion of the communication arts education major for secondary teaching licensees; (2) completion of the art education major for K-12 teaching license; or (3) completion of another major in the Communication, Arts, and Media Department, which can lead to alter- native certification. As alternative certification is intend- ed for those seeking career changes, requirements vary widely from state to state, and laws governing these pro- grams can change frequently. Therefore, students inter- ested in pursuing alternative certification need to meet specific requirements for that state’s alternative cer- tification.
A cooperative liaison is maintained throughout the program by the Communication, Arts, and Media Department and the ORU College of Education. For this reason, it is important that all students interested in teaching identify themselves to both this department and the College of Education as soon as possible.

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

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

Minors

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

CLUBS AND ORGANIZATIONS

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

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

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

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

Alpha Psi Omega is an honorary drama society.

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

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

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

NuDelta Alpha Society is honorary dance society.

SPECIAL ACTIVITIES AND OPPORTUNITIES

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

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

AWARDS AND SCHOLARSHIPS

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

DANCE PERFORMANCE (DANP)

Bachelor of Arts

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

Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)

Health, Physical Education, and Recreation

(Health Fitness I and II, swimming course or proficiency, six semesters of HPE 120 dance aerobic proficiency)

General Education Total 58

Major

DANP 106 Dance Seminar (taken 8 times at .5) 4
DANP 107 Improvisation I 1
DANP 108 Improvisation II 1
DANP 109 Dance Ensemble* 3
DANP 207 Fundamentals of Choreography 2
DANP 230 Dance for Worship* 3
DANP 307 Intermediate Choreography 2
DANP 325 History of Dance II 3
DAN 406 Pedagogy I 2
DANP 407 Advanced Choreography 2
DANP 420 Performance Arts Management 3
DANP 426 Pedagogy II 2
DANP 490 Senior Performance 3
DANP 416 Kinesiology and Biomechanics 9
A total of eight semesters of ballet: 11
DANP 100 Beginning Ballet 1
DANP 103 Ballet I* 1
DANP 203 Ballet II* 1
DANP 303 Ballet III* 1
DANP 403 Ballet IV* 1
A total of eight semesters of modern dance: 11
DANP 101 Beginning Modern Dance 1
DANP 104 Modern Dance I* 1
DANP 204 Modern Dance II* 1
DANP 304 Modern Dance III* 1
DANP 404 Modern Dance IV* 1
A total of six semesters of dance forms: 6
DANP 102 Beginning Dance Forms 1
DANP 105 Dance Forms I* 1
DANP 205 Dance Forms II* 1
DANP 305 Dance Forms III* 1

Major Total 62

Electives 8

Degree Total 128

*Class is taken for two semesters semesters.

DRAMA/TELEVISION/FILM PERFORMANCE MAJOR (DTF)

Bachelor of Science

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

General Education Credit Hours
Whole Person Assessment (GEN 099) 0
English (COMP 102, 303) 6
Oral Communication (COM 101) 6
Biblical Literature (BLIT 110, 120) 6
Theology (THE 103) 3
Laboratory Science (2 semesters including HPE 319) 8
Mathematics (MAT 151) 3
American History (HIS 101) 3
American Government (GOV 101) 3
Humanities (HUM 101 and DRAM 304 plus one of the following: HUM 222, 233, 244, 301, 333; plus one of the following: HUM 270 or DRAM 215) 12
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244) 3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 003 and 002, swimming course or proficiency, and electives) 5

General Education Total 55

Major

DRAM 105 Drama/TV/Film Performance Seminar 4
DRAM 107 Film Acting Techniques 3
DRAM 301 Acting for Musical Theatre 3
DRAM 216 Introduction to Technical Production 3
DRAM 232 Acting Styles 3
COM 305 Theatre History II 3
COM 306 Advanced Acting 3
DRAM 436 Directing 3
DRAM 403 Costume Design 3
DRAM 405 Makeup Design 3
Choice of one of the following two design courses: 3
DRAM 233 Theatrical Lighting Design and Technology
DRAM 404 Theatrical Scene Design
COM 498 Senior Paper Preparation 1
DRAM 499 Research and Senior Paper/Project 2

Major Total 40

Cognate

DANP 100 Beginning Ballet 1
DANP 101 Beginning Modern Dance 1
DANP 102 Beginning Dance Forms 1
TFV 417 Media Analysis 3
TFV 127 Introduction to Audio Production 3
TFV 318 Fundamentals of Scriptwriting 3
TFV 345 Announcing 3
TFV 337 Film Production Techniques 3
Choice of one of the following 3
TFV 228 Introduction to Television Production
MMC 432 Field Production and Editing

Cognate Total 21
Electives 12

Degree Total 128

THEATRE ARTS

MAJOR (THA)

Bachelor of Arts

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

General Education

Whole Person Assessment (GEN 099) 0
English (COMP 102, 303) 6

Major

DANP 100 Beginning Ballet 1
DANP 101 Beginning Modern Dance 1
DANP 102 Beginning Dance Forms 1
DANP 103 Beginning Dance Forms 1
DRAM 105 DTF Seminar (taken 8 times at .5) 4
DRAM 204 Playwriting for the Church 3
DRAM 205 Fundamentals of Acting (for majors) 3
DRAM 216 Introduction to Technical Production 3
DRAM 232 Acting Styles 3
DRAM 301 Acting for Musical Theatre 3
DRAM 336 Directing 3
DRAM 403 Costume Design 3
DRAM 405 Makeup Design 3
COM 306 Advanced Acting 3
COM 498 Senior Paper Preparation 1
Choice of one of the following two design courses: 3
DRAM 233 Theatrical Lighting Design and Technology
DRAM 404 Theatrical Scene Design

Major Total 40
Minor 18
Electives 9

Degree Total 128

MUSICAL THEATRE

(MUST)

Bachelor of Arts

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

General Education

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

and one of the following:
HUM 222, 233, 244, 301, 333) 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, first six semesters of HPE 120) 2

General Education Total 58

Major

MUS 001-025 Applied Music Voice 8
MUS 001-025 Applied Music Piano 1
MUS 073 Opera Theatre 4
MUS 099 Music Seminar 2

Electives

General Education Total 61

Bachelor of Arts

Major

DANP 100 Beginning Ballet 1
DANP 101 Beginning Modern Dance 1
DANP 102 Beginning Dance Forms 1
DANP 103 Beginning Dance Forms 1
DRAM 105 DTF Seminar 4
Choice of one of the following two design courses: 3
DRAM 233 Theatrical Lighting Design and Technology
DRAM 404 Theatrical Scene Design

Major Total 40

Minor 18

Electives 9

Degree Total 128

GRAPHIC DESIGN

PRINT MAJOR (GRP)

Bachelor of Science

General Education

Whole Person Assessment (Gen 099) 0
English (COMP 102, 303) 6
Oral Communication (COM 101) 3
Biblical Literature (BLIT 110, 120) 6
Theology (THE 103) 3
Laboratory Science 8
Mathematics (MAT 151) 3
American History (HIS 101) 3
American Government (GOV 101) 3

General Education Total 55
### School of Arts and Cultural Studies

#### Bachelor of Arts

**General Education Credit Hours**

- Oral Communication (COM 101) 3
- Biblical Literature (BLIT 110, 120) 6
- Theology (THE 103) 3
- Laboratory Science 3
- Mathematics (MAT 151) 3
- American History (HIS 101) 3
- American Government (GOV 101) 3
- Humanities (HUM 101, ART 103, ART 104) 3
- Health, Physical Education, and Recreation 5
- 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)
- Oral Communication (COM 101) 3
- Biblical Literature (BLIT 110, 120) 6
- Theology (THE 103) 3
- Laboratory Science 3
- Mathematics (MAT 151) 3
- American History (HIS 101) 3
- American Government (GOV 101) 3
- Humanities (HUM 101, ART 103, ART 104) 3

#### Bachelor of Arts

**General Education Credit Hours**

- Health, Physical Education, and Recreation 5
- Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)
- Health, Physical Education, and Recreation 5

#### Major

**Major Total** 34

**Electives Total** 12

**Degree Total** 46

### Bachelor of Science

**ART MAJOR (GRV)**

**Bachelor of Science**

**General Education Credit Hours**

- Whole Person Assessment (Gen 099) 0
- English (COMP 102, 303) 6

**Core Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<td>ART 101</td>
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<td>ART 499</td>
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**Core Total** 21

**Major Courses**

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<td>ART 101</td>
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<td>ART 105</td>
<td>Color</td>
<td>3</td>
</tr>
<tr>
<td>ART 213</td>
<td>Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 217</td>
<td>Figure Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 307</td>
<td>Art History Survey III</td>
<td>3</td>
</tr>
<tr>
<td>ART 499</td>
<td>Senior Project</td>
<td>3</td>
</tr>
</tbody>
</table>

**Major Total** 34

**Electives Total** 12

**Degree Total** 46
Choice of three of the following courses: 9
ART 301 Ceramics II (3 hrs.)
ART 302 Sculpture II (3 hrs.)
ART 303 Painting II (3 hrs.)
ART 304 Printmaking II (3 hrs.)
ART 305 Art electives (3-6 hrs.)

Major Total 30

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

Cognate
Choice of one of the following courses: 3
ADV 221 Branding and Promotions
MGT 421 Entrepreneurship

Cognate Total 3
Electives Total 13

Degree Total 128

MEDIA (MEDA)
Bachelor of Science

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

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

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

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

General Education
Whole Person Assessment (GEN 099) 3
English (COMP 102, 303) 6
Oral Communication (COM 101) 3
Biblical Literature (BLIT 110, 120) 6
Theology (THE 103) 3
Laboratory Science (lecture and lab)* 8
Mathematics 3
American History (HIS 101) 3
American Government (GOV 101) 3

Humanities (HUM 101 plus one of the following: HUM 222, 233, 244, 301, 333; plus two* of the following: 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) 12

Social Sciences Elective (Choice of one 3

of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)

Health, Physical Education, and Recreation 5
(one course per full-time semester at ORU including HPE 001 and 002, swimming course or proficiency, and electives)

General Education Total 55

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

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

Concentration* 12

Major Total 31

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

Convergent Journalism (CJC)
JRN 205 Writing for the Media 3
JRN 305 News Editing 3
TVF 408 Broadcast News 3

Concentration Total 12

Convergent Journalism Cognate
INT 212 Workshop: Interactive Media 3
TVF 127 Introduction to Audio Production 3
TVF 228 Introduction Television Production 3
TVF 332 Field Production and Editing 3

Choice of one of the following: 1
INT 212 Workshop: Interactive Media 3
PRP 213 Workshop: Publications 3
PRP 217 Workshop: Public Relations 3
JRN 214 Workshop: Newspaper 3
JRN 215 Workshop: News gathering 3
TVF 216 Workshop: Television Production 3
TVF 218 Workshop: KORU 3

Choice of two of the following courses: 6
TVF 345 Announcing 3
JRN 317 Investigative Reporting 3
JRN 444 Feature Writing 3
ART 365 Digital Photography 3

Cognate Total 19

Concentration Total 128

Public Relations Cognate
JRN 205 Writing for the Media 3
JRN 321 Media Law and Ethics 3
ADV 320 Communications Research 3

Choice of one of the following courses: 3
PRC 302 Advanced Public Speaking 3
COM 309 Argumentation and Persuasion 3
COM 342 Communication Theory 3

Concentration Total 12

Advertising (ADC)
JRN 205 Writing for the Media 3
JRN 321 Media Law and Ethics 3
ADV 421 Media Buying and Selling 3
ADV 211 Media Workshop: Advertising 3

Choice of one of the following courses: 3
COM 302 Advanced Public Speaking 3
COM 309 Argumentation and Persuasion 3
COM 342 Communication Theory 3

Concentration Total 12

Multimedia Production Concentration (MMPC)
ART 101 Fundamentals of Art I 3
ART 218 Graphic Design I 3
INT 201 Introduction to Interactive Media 3
MKT 333 Consumer Behavior 3
ADV 421 Media Buying and Selling 3
ADV 211 Media Workshop: Advertising 3

Choice of one of the following courses: 3
COM 302 Advanced Public Speaking 3
COM 309 Argumentation and Persuasion 3
COM 342 Communication Theory 3

Concentration Total 12

Public Relations/Advertising Cognate
JRN 205 Writing for the Media 3
JRN 321 Media Law and Ethics 3
JRN 205 Writing for the Media 3
JRN 321 Media Law and Ethics 3
JRN 444 Feature Writing 3
ART 365 Digital Photography 3
TVF 332 Field Production and Editing 3

Cognate Total 19

Concentration Total 128

Public Relations/Advertising Cognate
JRN 205 Writing for the Media 3
JRN 321 Media Law and Ethics 3
JRN 205 Writing for the Media 3
JRN 321 Media Law and Ethics 3
JRN 444 Feature Writing 3
ART 365 Digital Photography 3
TVF 332 Field Production and Editing 3

Cognate Total 19

Concentration Total 128

Visual Communication Concentration
PRP 105 Principles of Photography 3
PRP 202 Post Production 3
TVF 332 Field Production and Editing 3
TVF 337 Film Production Techniques 3

Choice of two of the following courses: 6
TVF 312 Advanced Audio Production 3
TVF 313 Lighting for TV Film 3
TVF 314 Media Operations 3

Cognate Total 18

Concentration Total 128

*Students interested in graduating with this concentration must get advisor approval and complete the MultiMedia Institute, which is explained on the following page.
MultiMedia Institute

The MultiMedia Production concentration requires 31 hours of core courses and 18 hours of concentration plus six designated elective hours. Students apply for entrance into this selective program during their sophomore year. Acceptance into the program is limited and based on admission to the MultiMedia Institute, which includes (but is not limited to) the following criteria: (1) performance in previous production courses; (2) evaluation by previous media professors; (3) previous class attendance, participation, and academic performance; (4) the student’s entrance essay and interview; (5) the student’s professional goals; and (6) willingness to commit to the discipline and schedule of the program. Students not selected to the MultiMedia Institute are required to choose a new program of study or major. Students who transfer into ORU or who declare this area of concentration after 32 credit hours of college work may be required to spend additional semesters to complete this concentration.

Oral Roberts University has always been a leader in technology. The MultiMedia Institute positions ORU at the forefront in new technology. The Institute is composed of media professionals and faculty from the Communication, Arts, and Media Department.

Students participating in the MultiMedia Institute during their junior year receive intense (40 hours per week) hands-on experience over two semesters. Students develop competencies working on real world projects. These projects include audio and video production, Web and interactive authoring, and Internet development. Students completing studies at the Institute will have a Web portfolio of their work. There is a one-time fee to cover the cost (approximately $3100) of a high-end laptop and programs and $900 to cover long-distance field trips.

Students are taught by faculty as well as daily industry professionals. Programs students produce may be educational, entertainment, or instructional in nature. More information is available from the Director of the MultiMedia Institute.

ORGANIZATIONAL/INTERPERSONAL COMMUNICATION MAJOR (OICO)

Bachelor of Arts

General Education Credit Hours

| Whole Person Assessment (GEN 099) | 0 |
| English (COMP 102, 303) | 6 |
| FOREIGN LANGUAGE (2 SEMESTERS including 203) | 6 |
| Oral Communication (COM 101) | 3 |
| Biblical Literature (BLIT 110, 120) | 6 |
| Theology (THE 103) | 3 |
| Laboratory Science (lecture and lab) | 8 |
| Mathematics (MAT 233 is suggested) | 3 |
| American History 101 | 3 |
| Government 101 | 3 |
| Humanities (HUM 101 plus three of the following: HUM 222, 233*, 244*, 301*, 333*, 250, 256, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) | 12 |
| Social Sciences Elective: (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, BUS 201, FIN 244, SOC 323) | 5 |

Health, Physical Education, and Recreation 5

COMMUNICATION ARTS EDUCATION MAJOR (CAE) WITH SECONDARY SCHOOL TEACHING LICENSURE

Bachelor of Arts

Students preparing to teach communication arts (e.g., speech, drama, debate) in the secondary schools (middle and high school grades) achieve a major in communication arts. Secondary school teaching areas in speech communication include drama, debate, forensics, general speech, and combined areas.

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

General Education Credit Hours

| Whole Person Assessment (GEN 099) | 0 |
| English (COMP 102, 303) | 6 |
| Oral Communication (COM 101) | 3 |
| Mathematics (MAT 113-421) | 3 |
| American History (HIS 101) | 3 |
| American Government (GOV 101) | 3 |
| Biology (lecture and lab) | 4 |
| Physical Science (lecture and lab) | 4 |
| Biblical Literature (BLIT 110, 120) | 6 |

PHOTOGRAPHY

| TOTAL 61 |

Major Credit Hours

| Interpersonal Communication | 3 |
| Organizational/Interpersonal Seminar | 1 |
| Organizational Communication | 3 |
| Advanced Public Speaking | 3 |
| Argumentation and Persuasion | 3 |
| Communication Theory | 3 |
| Senior Paper Preparation | 1 |
| Research and Senior Paper/Project | 2 |
| Interviewing | 3 |
| Discussion and Conference Leadership | 3 |
| Business and Professional Speech | 3 |
| Choice of two of the following O/ICom courses: | 9 |
| Gender and Family Communication | 3 |
| Discussion and Conference Leadership | 3 |
| Training and Development | 3 |
| Advanced Interpersonal Communication | 3 |
| Business and Professional Speech | 3 |
| Internship | 3 |
| Cross-Cultural Communication | 3 |

MAJOR TOTAL 31

MINOR TOTAL 18

ELECTIVES 18

DEGREE TOTAL 128
ART EDUCATION MAJOR (ARTE) WITH K-12 TEACHING LICENSURE

Bachelor of Arts

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

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

General Education Credit Hours
Whole Person Assessment (GEN 099)
English (COMP 102, 303)
Foreign Language (2 semesters including 203)
Oral Communication (COM 101)
Social Sciences (SOC 323)
Biological Science (lecture and lab)
Physical Science (lecture and lab)
Mathematics (MAT 151)
American History (HIS 101)
American Government (GOV 101)
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)
Health, Physical Education, and Recreation

General Education Total 61

*At least one course must be chosen from list courses marked with asterisks.

Major

ART 101 Fundamentals of Art I
ART 102 Fundamentals of Art II
ART 103 Art History Survey I
ART 105 Color
ART 118 Design Technology
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 of the following courses: 6
ART 104 Art History Survey II
ART 202 Sculpture I
ART 301 Ceramics II
ART 303 Painting II
ART 318 Graphic Design II
ART 365 Digital Photography
ART 452 Directed Study (Printmaking)

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

Professional Education

PED 100 Education Seminar (every semester)
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
PED 222 School Health Care
PED 305 Pedagogy I
PED 306 Pedagogy II
PED 361 Professional Education Seminar/Portfolio
PED 475 Student Teaching: Elementary
PED 495 Intern/Student Teaching: 10-12
ART 456 Secondary Art Methods and Evaluation
ART 462 Elementary Art Methods and Evaluation

Professional Education Total 29

Degree Total 132.5

ART MINOR (ARTM)

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

Choice of one of the following two courses: 3
ART 101 Fundamentals of Art I
ART 102 Fundamentals of Art II

Choice of one of the following three courses: 3
ART 103 Art History Survey I
ART 104 Art History Survey II
ART 307 Art History Survey III

Choice of twelve hours from the following courses: 12
ART 105 Color (3 hrs.)
ART 118 Design Technology (0.5 hrs.)
ART 201 Ceramics I (3 hrs.)
ART 202 Sculpture I (3 hrs.)
ART 203 Painting I (3 hrs.)
ART 204 Printmaking I (3 hrs.)
ART 205 Typography (3 hrs.)
ART 213 Drawing (3 hrs.)
ART 214 Figure Drawing (3 hrs.)
ART 218 Graphic Design I (3 hrs.)
ART 223 Crafts (3 hrs.)
ART 301 Ceramics II (3 hrs.)
ART 302 Sculpture II (3 hrs.)
ART 303 Painting II (3 hrs.)
ART 304 Printmaking II (3 hrs.)
ART 318 Graphic Design II (3 hrs.)
ART 333 Watermedia (3 hrs.)
ART 365 Digital Photography (3 hrs.)
ART 378 Motion Design (3 hrs.)
ART 442 Web Design (3 hrs.)
ART 452 Directed Study (1-3 hrs.)
ART 456 Secondary Art Methods and Evaluation (3 hrs.)
ART 462 Elementary Art Methods and Evaluation (3 hrs.)

Minor Total 18

DANCE MINOR (DANM)

This minor is for musical theatre majors only. Requirements for the dance minor are 18 semester hours selected from the courses in each area below.

DANP 107 Improvisation I
DANP 108 Improvisation II
DANP 207 Fundamentals of Choreography
DANP 307 Intermediate Choreography

Choice of two to four hours from the following: 2-4
DANP 100 Beginning Ballet I (1 hr.)
DANP 103 Ballet I (1 hr.)
DANP 203 Ballet II* (1 hr.)
DANP 303 Ballet III* (1 hr.)
DANP 403 Ballet IV* (1 hr.)

Choice of two to four hours from the following: 2-4
DANP 101 Beginning Modern Dance I (1 hr.)
DANP 104 Modern Dance I* (1 hr.)
DANP 204 Modern Dance II* (1 hr.)
DANP 304 Modern Dance III* (1 hr.)
DANP 404 Modern Dance IV* (1 hr.)

Choice of six hours from the following: 6
DANP 102 Beginning Dance Forms I (1 hr.)
DANP 105 Dance Forms I* (1 hr.)
DANP 205 Dance Forms II* (1 hr.)
DANP 305 Dance Forms III* (1 hr.)

Minor Total 18

*Dance Minor (DRAM)

DRAM 215 Introduction to Theatre
DRAM 216 Introduction to Technical Production
DRAM 336 Directing
DRAM 205 Fundamentals of Acting
COM Drama electives

Minor Total 18

*With approval of the drama advisor.

GRAPHIC DESIGN MINOR (GRDM)

This minor is intended for students who major in a field other than graphic design print or video. It provides a basic overview to terminology, strategy, and techniques of graphic design practice.

Choice of one of the following:
ART 101 Fundamentals of Art I
ART 118 Design Technology
ART 218 Graphic Design I
ART 318 Graphic Design II
ART 353 Graphic Design Studio

Choice of one of the following:
ART 105 Color
ART 213 Drawing

Minor Total 18

*This course is to be taken for two semesters.
**Fine Arts Technology Minor (FATM)**

Students choose a total of 18 hours, nine from each of two areas. At least one course from each area must be 300 or 400 level. To have a fine arts technology minor, students majoring in art, music, or multimedia must choose the two areas outside the major.

**Art**
- ART 101 Fundamentals of Art I 3
- ART 105 Color 3
- ART 213 Drawing 3
- ART 218 Graphic Design I 3
- ART 365 Digital Photography 3

**Music**
- MUS 300 Music Appreciation 3
- MUS 310/315 Applied Music (1 hr.)
- MUS 131 Class Voice (1 hr.)
- MUS 135 Class Guitar (1 hr.)

Choice of four hours from the following:
- MUS 105 Introduction to Music Technology (1 hr.)
- MUS 313/318 Sequencing and Digital Audio (3 hrs.)
- MUS 315 Music Rich Media (3 hrs.)
- CHIL 400 Introduction to Sound Reinforcement (2 hrs.)
- CHIL 401/402 Studio Recording and Music Production I (3 hrs.)
- CHIL 404 Advanced Studio Recording (1 hr.)
- CHIL 405 New Technology Audio Production (1 hr.)

**Communication Arts**
- TVF 128 Principles of Audio Production (3 hrs.)
- TVF 228 Introduction to TV Production (3 hrs.)
- TVF 318 Fundamentals of Scriptwriting (3 hrs.)
- TVF 328 Advanced Interactive Media (3 hrs.)
- TVF 337 Media Analysis (3 hrs.)
- TVF 313 Lighting for TV/Film

Choice of six hours from the following courses*:
- MMC 104 TV/Film Production Seminar (3 hrs.)
- MMC 203 Audio Production (1-3 hrs.)
- CAM 451 Communications Internship (3 hrs.)

**Human Resources Development Minor (HRM/HRNM)**

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

**For organizational/interpersonal communication majors (HRM)**
- MGT 130 Principles of Management 3
- MGT 352 Organizational Behavior 3
- MGT 353 Human Resources Management 3
- PRP 225 Principles of Public Relations 3
- COM 412 Training and Development 3
- COM Elective 3

**For students not majoring in organizational/interpersonal communication (HRNM)**
- COM 203 Interpersonal Communication 3
- COM 300 Organizational Communication 3
- COM 412 Training and Development 3
- MGT 353 Human Resource Management 3

Choice of one of the following two courses:
- COM 322 Interviewing
- COM 410 Discussion and Conference Leadership
- COM Elective* (a related human resource from psychology, sociology, business, or communications areas) 3

**Minor Total** 18

*With advisor’s approval.

**Journalism Minor (JRN)**

This minor is for students majoring outside of the Communication Arts Department. It is designed for those preparing to enter news fields and for those planning to undertake graduate study in journalism.

- JRN 107 Newswriting I 3
- JRN 205 Writing for the Media 3
- JRN 317 Investigative Reporting 3
- JRN 444 Feature Writing 3

Choice of six hours from the following courses*:
- MMC 104 Media and Pop Culture (3 hrs.)
- PRP 213 Workshop: Publications (1-3 hrs.)
- TVF 408 Broadcast News (3 hrs.)
- PRP 225 Principles of Public Relations (3 hrs.)
- CAM 451 Communications Internship (3 hrs.)

**Minor Total** 18

*With approval of journalism advisor.

**Media Minor (MEDM)**

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

- DRAM 105/205 Drama/Television/Film Production Seminar (3 hrs.)
- DRAM 215 Introduction to Theatre 3
- DRAM 336 Directing 3
- DRAM 405 Makeup Design 3

**Minor Total** 18

**Organizational/Interpersonal Communication Minor (OICM)**

- COM 203 Interpersonal Communication 3
- COM 300 Organizational Communication 3
- COM 302 Advanced Public Speaking 3
- COM 309 Argumentation and Persuasion: Theory and Practice 3
- COM 342 Communication Theory 3
- COM Elective* 3

**Minor Total** 18

*With approval of organizational/interpersonal advisor

**Public Relations and Advertising Minor (PRAM)**

This minor is for students outside the Mass Media Communications major. It is designed especially for those preparing to enter these fields and for those planning to undertake graduate study in related areas.

- ADV 211 Workshop: Advertising 1
- ADV 221 Branding and Promotions 3
- ADV 320 Communications Research 3
- JRN 107 Newswriting I 3
- JRN 108 Newsriting I Lab 1
- PRP 213 Workshop: Publications 3
- PRP 225 Principles of Public Relations 3
- PRP 427 Public Relations Management 3

**Minor Total** 18

**Theatre Minor (THM)**

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

- DRAM 105/205 Drama/Television/Film Production Seminar (3 hrs.)
- DRAM 205 Fundamentals of Acting 3
- DRAM 215 Introduction to Theatre 3
- DRAM 301 Acting for Musical Theatre 3
- DRAM 336 Directing 3
- DRAM 405/407 Makeup Design 3

**Minor Total** 18

**Departmental Courses**

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

**Advertising**
- ADV 211 Workshop: Advertising 1
- ADV 221 Branding and Promotions 3
- ADV 320 Communication Research 3
- ADV 421 Media Buying and Selling 3
- ADV 499 Senior Research Project 3
- ADV 999 Elective

**ART**
- ART 101 Fundamentals of Art I 3
- ART 102 Fundamentals of Art II 3
## Organizational/Interpersonal Communication
- **COM 203**: Interpersonal Communication
- **COM 250**: Forensics
- **COM 251**: Organizational/Interpersonal Seminar
- **COM 260**: Debate and Tournament Directing
- **COM 300**: Organizational Communication
- **COM 302**: Advanced Public Speaking
- **COM 309**: Argumentation and Persuasion:
  - Theory and Practice
  - Interviewing
- **COM 342**: Communication Theory
- **COM 409**: Gender and Family
- **COM 410**: Discussion and Conference Leadership
- **COM 412**: Training and Development
- **COM 444**: Advanced Interpersonal Communication
- **COM 446**: Business and Professional Speech

## Dance Performance
- **DANP 100**: Beginning Ballet
- **DANP 101**: Beginning Modern Dance
- **DANP 102**: Beginning Dance Forms
- **DANP 103**: Ballet I
- **DANP 104**: Modern Dance I
- **DANP 105**: Dance Forms I
- **DANP 106**: Dance Seminar
- **DANP 107**: Improvisation I
- **DANP 108**: Improvisation II
- **DANP 109**: Dance Ensemble
- **DANP 125**: History of Dance I
- **DANP 203**: Ballet II
- **DANP 204**: Modern Dance II
- **DANP 205**: Dance Forms II
- **DANP 209**: Dance for Worship
- **DANP 303**: Ballet III
- **DANP 304**: Modern Dance III
- **DANP 305**: Dance Forms III
- **DANP 307**: Intermediate Choreography
- **DANP 404**: Modern Dance IV
- **DANP 406**: Pedagogy I: Dance Techniques for Children
- **DANP 407**: Advanced Choreography
- **DANP 420**: Performing Arts Management
- **DANP 426**: Pedagogy II: Dance Techniques for Secondary Education
- **DANP 490**: Senior Performance
- **DANP 999**: Elective

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

## Drama
- **DRA 105**: Drama/Television/Film Performance Seminar
- **DRA 107**: Film Acting Technique
- **DRA 150**: Drama in the Church
- **DRA 204**: Playwriting for the Church
- **DRA 205**: Fundamentals of Acting
- **DRA 215**: Introduction to Theatre
- **DRA 216**: Introduction to Technical Production
- **DRA 232**: Acting Styles
- **DRA 233**: Theatrical Lighting Design and Technology
- **DRA 301**: Acting for Musical Theatre
- **DRA 304**: Theatre History I
- **DRA 305**: Theatre History II
- **DRA 306**: Advanced Acting
- **DRA 336**: Directing
- **DRA 350**: Radio Drama
- **DRA 403**: Costume Design
- **DRA 404**: Theatrical Scene Design
- **DRA 405**: Makeup Design
- **DRA 498**: Senior Paper Preparation
- **DRA 499**: Research and Senior Paper/Project
- **DRA 999**: Elective

## Interactive Media
- **INT 201**: Introduction to Interactive Media
- **INT 202**: Introduction to 3-D and Animation
- **INT 211**: Advanced 3-D and Animation
- **INT 212**: Workshop: Interactive Media
- **INT 302**: Advanced 3-D and Animation
- **INT 401**: Advanced Interactive Media
- **INT 401**: Intermediate Interactive Media
- **INT 401**: Advanced Interactive Media
- **INT 499**: Senior Research Project
- **INT 999**: Elective

## Journalism
- **JRN 107**: Newswriting I
- **JRN 108**: Newswriting I Lab
- **JRN 205**: Writing for the Media
- **JRN 214**: Workshop: Newspaper
- **JRN 215**: Workshop: News Gathering
- **JRN 305**: News Editing
- **JRN 317**: Investigative Reporting
- **JRN 321**: Media Law and Ethics
- **JRN 332**: Journalism Seminar
- **JRN 444**: Feature Writing
- **JRN 499**: Senior Research Project
- **JRN 999**: Elective

## Public Relations
- **PRP 213**: Workshop: Publications
- **PRP 217**: Workshop: Public Relations
- **PRP 225**: Principles of Public Relations
- **PRP 427**: Public Relations Management
- **PRP 428**: Public Relations Case Studies
- **PRP 499**: Senior Research Project
- **PRP 999**: Elective

## Television/Film
- **TVF 127**: Introduction to Audio Production
- **TVF 128**: Principles of Audio Production
- **TVF 216**: Workshop: Television Production
- **TVF 218**: Workshop: KORU
- **TVF 228**: Introduction to Television Production
- **TVF 231**: Principles of TV Production
- **TVF 300**: Non-linear Editing
- **TVF 301**: Motion Graphics and Compositing
- **TVF 312**: Advanced Audio Production
- **TVF 313**: Lighting for TV Film
- **TVF 314**: Media Operations
- **TVF 317**: Media Analysis
- **TVF 318**: Fundamentals of Scriptwriting
- **TVF 329**: Advanced Television Production
- **TVF 332**: Field Production and Editing
- **TVF 337**: Film Production Techniques
- **TVF 345**: Announcing
- **TVF 408**: Broadcast News
- **TVF 447**: Producing and Directing
- **TVF 457**: Advanced Field Production and Editing
- **TVF 499**: Senior Research Project
- **TVF 999**: Elective

## Mass Media Communication
- **MMC 104**: Media and Pop Culture
- **MMC 312**: Advanced Audio Production
- **MMC 489**: Campaign Strategies
- **MMC 499**: Senior Research Project
- **MMC 999**: Elective

## MISSION STATEMENT: The English and Modern Languages Department supports the University mission by preparing students to be effective thinkers and communicators in the languages of their choice. Objectives include skills in reading, writing, understanding, and speaking the language with proper grammatical structure, as well as knowledge about the history, culture, and religions of the respective language groups. The curriculum focuses on the literary, artistic, linguistic, and cultural heritage for contemporary Christian students and encourages students to apply their commitment to Jesus Christ to the people of the target languages studied. The faculty seeks to train students to pursue these qualities and the ethical incorporation of source material in their own writing and reading as they evaluate the literature and arts of the culture. The department directs its efforts toward developing intellectually alert and socially adept graduates who are spiritually alive to the concerns of the people whose language they are studying.

## Overview
Skill in language is a prerequisite in almost any occupation or profession. Familiarity with literature, as well as sound writing and speaking skills, is an essen-
tial part of a liberal arts education. Students graduating with a major in a language or in writing have a solid foundation for careers in a variety of fields. Teaching, journalism, government, law, library science, theology, and missions all require individuals with competent language skills.

**General Education Courses**

All ORU students pursuing a bachelor’s degree at ORU are required to successfully complete COMP 102 and 303. If a student’s SAT or ACT score indicates the student also needs to take COMP 101, the COMP 101 course can count for one of the humanities courses or for an elective.

All students pursuing the bachelor of arts degree (regardless of major) are required to successfully complete two semesters (six hours minimum) of the same modern foreign language, including at least the 203 level. Students with high school credit in a foreign language may take courses in either the same language or in a different language to fulfill the general education language requirement for the B.A. degree. However, if a student opts to take a different foreign language than the one taken in high school, he or she must still complete courses through the 203 level of the different foreign language chosen. Although only six hours (e.g., 203 level and 204 level) of a foreign language are required in the general education portion of a B.A. degree, students may use any hours beyond six general education hours (e.g., the five hours earned in the 101 level) to apply to their electives. Or, if a student takes the 102 and 203 levels (totaling eight hours) to fulfill the general education requirement, he or she can use the two hours beyond the six required for general education to count as two hours of elective credit.

Students majoring or minoring in any of the foreign languages in this department automatically complete their bachelor of arts language requirement through completing their language major or minor. Students who place into a 203-level course and above may consider a second major or minor through the foreign language test-out program. A minimum grade of "C" must be achieved before the next level is taken. More information is available from the English and Modern Languages Department.

Bachelor of arts or bachelor of science students wishing to count the following classes toward a major/minor must enroll in the following test-out classes:

- **Hebrew:** 102-85, 203-85, or 204-85
- **French:** 102-85, 203-85, or 204-85
- **Spanish:** 102-85, 203-85, or 204-85

International students matriculating in a bachelor of arts degree program are generally required to meet the same entrance and degree requirements in foreign language as American students. However, students who have proof of foreign birth and citizenship, whose native language is not English, and who have studied academically for four years at the high school level in their native language meet the entrance and degree foreign language requirements. Honors sections of the general education requirements COMP 102 and 303 are available for students earning an ACT English score of 29 or higher or an SAT Verbal score of 640 or higher. Students who have satisfactorily passed the COMP 102 course may substitute an upper division English course for COMP 303 requirement.

**Degree Programs**

The English and Modern Languages Department offers majors in English literature, French, Spanish, Modern Foreign Language Education (K-12), English Education, and writing. Students majoring in English, French, or Spanish need to declare a minor. Students majoring in modern foreign language education need to complete a cognate of 6-10 hours (two courses) in a second foreign language, and students majoring in writing need to complete a concentration (12 hours) in journalism or English literature.

Minors are available in French, Spanish, Hebrew, business language, English literature, preprofessional English, and writing.

**English Literature (B.A.)**

The English literature major covers English literature, world literature, and American literature, as well as specific literary periods, such as the modern period, the English Romantic period, and others. These courses also focus on literary analysis, expression, and critique.

**French (B.A.)**

The French major covers language, linguistics, literature, culture, and history. This major provides a good liberal arts education and helps prepare students for graduate studies and for careers in teaching, mission work, and international business.

**Spanish (B.A.)**

The Spanish major covers language, linguistics, literature, culture, and history. This major provides a good liberal arts education and helps prepare students for graduate studies and for careers in teaching, mission work, social work, and international business.

**Writing (B.A.)**

Students desiring to major in writing may choose to focus on either literary or technical writing. Literary writing focuses on different literary genres, such as short story, poetry, scriptwriting, and others. For those choosing technical writing, the courses focus more on technical writing skills in the workplace, such as grant proposals, product manuals, and Web design. Writing majors are also required to complete a writing internship and pass a writing proficiency exam as part of their degree plan.

**Teaching Licensure**

The English and Modern Languages Department offers three options for students wanting to teach: (1) completion of the modern language education major and (2) completion of the English education major, or (3) completion of an English literature or Spanish or French major, which can lead to certification.

As alternative certification is intended for those seeking career changes, requirements vary widely from state to state, and laws governing these programs can change frequently. Therefore, students interested in pursuing alternative certification need to meet with the ORU College of Education’s certification officer to ensure they are well informed prior to choosing this option. Students pursuing alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state’s alternative certification.

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

**Modern Language Education (B.A.)**

This major is a combination of education courses and language courses (French or Spanish) that is designed to equip students to earn teacher certification and teach French or Spanish in private and public middle or high schools.

**English Education (B.A.)**

The English and Modern Languages Department and the College of Education offer courses especially designed to equip students to earn teacher certification and teach English and writing in private and public middle or high schools.

**Concentrations**

Numerous concentrations, designed to supplement a student’s education, are offered to English and writing majors. For students majoring in English literature, concentrations are optional, but students majoring in writing need to choose a concentration in either journalism or literature. There is a wide variety of concentrations to choose from, including business, church history, marketing, and pre-law. Many of the concentrations are available to both English and writing majors. Twelve hours of course work are required for a concentration, and English literature majors may use some of their elective hours to fulfill this requirement.

**Clubs and Organizations**

Le Cercle Francais, commonly known as the French Club, promotes a greater understanding of the French language and culture with activities such as special speakers, movies, French food, and holiday celebrations. Pi Delta Phi is ORU’s chapter of the National French Honor Society.

Spanish Club seeks to promote the Spanish language and Hispanic culture with activities such as special speakers, movies in Spanish, and holiday celebrations. Sigma Delta Pi is ORU’s chapter of the National Collegiate Hispanic Honor Society.

Hebrew Culture Club seeks to explore the Hebrew roots of faith in Yeshua (Jesus) with activities such as special speakers, movies, and Jewish holiday celebrations.

Der Deutsche Verein, commonly known as the German Club, promotes a greater understanding of the German language and culture.

Students majoring and minoring in a foreign language also have more informal settings to practice a foreign language. One day per week a table in the cafeteria is set aside for students who speak French or are learning French to sit together and converse. The same is true for Spanish-speaking students to sit together and practice conversing in Spanish. Spanish majors and minors may also choose to attend a local church where services are conducted in Spanish.

The Pentangle is ORU’s English Club and is open to all students who share an interest in English and writing. The Pentangle hosts events throughout the year, including poetry readings, annual costume parties, and other social events.

ORU has a chapter of Sigma Tau Delta, the International English Honor Society. The chapter meets throughout the school year for various activities. Students meeting academic requirements may apply for membership.
First Friday Movie Night is an opportunity to view classic and current movies, followed by discussion, in the home of a faculty member. These events occur on the first Friday of two months in the fall and two months in the spring semesters.

**SPECIAL PROGRAMS AND OPPORTUNITIES**

Many special opportunities are available for students in the English and Modern Languages Department. Some of these opportunities are designed to provide students with hands-on experience in their field of study, while others allow for academic growth within the classroom.

**Study Abroad Program**

It is recommended that all foreign language majors participate in a study-abroad program during their junior year. Students should work closely with their academic advisor during their sophomore year to set up a program of studies abroad. Proposals for study abroad must be approved by the International Study Committee prior to going abroad. Credit for study abroad is determined by the individual program. Those students who have declared a major or minor in a foreign language are eligible for consideration for financial aid for the study-abroad program. More information is available in the Non-Traditional Coursework section earlier in this catalog and from the English and Modern Languages Department.

**Summer Travel Study**

Summer travel study abroad offered by the English and Modern Languages Department affords exciting opportunities to earn academic language credit as well as to gain valuable cultural insights. Credit for the travel-study courses may apply toward language majors and minors, general education foreign language requirements, or electives.

**Oxford Summer Programme**

The Oxford Summer Programme is a three-week study abroad program in Oxford, England. Students participate in a specialized study program that includes lectures and seminars. The academic courses focus on the relationship between Christianity and the development of culture. More information is available in the Non-Traditional Coursework section earlier in this catalog and from the English and Modern Languages Department.

**Promethia**

*Promethia* is the annual literary journal of Oral Roberts University. Its publication is entirely overseen by ORU students, with the aid of a faculty advisor. Students, as well as faculty and staff members, may submit essays, black and white photography, short stories, and poems for consideration.

**Internships**

A chief requirement for writing majors, and an option for writing minors, is to complete a writing internship. Internships may be done on or off campus, and several companies and organizations have standing arrangements with the department to provide internship opportunities for students. Students are free to seek their own internship opportunities, provided they meet department guidelines. Internships are a great opportunity for students to obtain real-world experience, learn outside of the classroom, and apply their knowledge and skills in a professional atmosphere.

**Nimrod Workshop**

The Nimrod Workshop is a one-day annual event held in October and is open to all English and writing students. At the workshop, published authors provide practical guidance to students to help them improve their creative writing skills. Department scholarships are available to help cover the workshop fee.

**AWARDS AND SCHOLARSHIPS**

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

**Outstanding Senior Awards:** One award is given to the outstanding senior in each of the following majors: English literature, French, Spanish, and writing.

**Outstanding Senior Paper:** This recognizes the department’s best senior research project in each of the following areas: English literature, French, Spanish, and writing.

**Grady Walker Alumni Scholarship:** This $300-$500 scholarship, awarded to a junior or senior English literature or writing major, is based on academic achievement, service to others, and financial need. The scholarship is funded by contributions from alumni in honor of Dr. Walker’s 40 years of teaching English and German at ORU.

**ENGLISH LITERATURE MAJOR (ENG)**

**Bachelor of Arts**

**General Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (COMP 102, 303)</td>
<td>6</td>
</tr>
<tr>
<td>Foreign Language (2 semesters including 203)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COMM 101)</td>
<td>3</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>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 101 and ENG 201 plus two of</td>
<td>12</td>
</tr>
<tr>
<td>the following: HUM 222*, 233*, 244*,</td>
<td></td>
</tr>
<tr>
<td>301*, 333*, 250, 255, 260, 270, ART 103,</td>
<td></td>
</tr>
<tr>
<td>ART 104, MUS 300, DRAM 215, COMP 101)</td>
<td></td>
</tr>
<tr>
<td>Social Sciences Elective (Choice of one of</td>
<td>3</td>
</tr>
<tr>
<td>the following: PSY 201, MUS 208, SWK 202,</td>
<td></td>
</tr>
<tr>
<td>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>(one course per full-time semester at ORU,</td>
<td></td>
</tr>
<tr>
<td>including HPE 001 and 002, swimming course</td>
<td></td>
</tr>
<tr>
<td>or proficiency, and electives)</td>
<td></td>
</tr>
</tbody>
</table>

**General Education Total** 61

*At least one course must be chosen from courses with asterisks.

**Concentration Total** 12

**Major Total** 33

**Minor** 18

**Electives*** 16

**Degree Total** 128

*Students may use 12 of these hours to earn concentration.

**Concentrations**

A concentration may be earned in one of the following areas by completing a minimum of 12 hours in that concentration. Students may use their electives to earn a concentration.

**Art (ARTC)**

An art concentration complements an English literature major by connecting art and literature of an age.

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

<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 307 Art History Survey III</td>
<td>3</td>
</tr>
<tr>
<td>ART 363 Black and White Photography</td>
<td>3</td>
</tr>
</tbody>
</table>

**Concentration Total** 12

**Biblical Literature (BIBC)**

Students who are interested in literary analysis and theory may wish to pursue these as they apply to Biblical literature. A knowledge of the Bible prepares students for Christian ministry in a wide variety of roles, especially as teachers and leaders.

**Choice of three courses from the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIB 306 Hermeneutics: Principles of Biblical Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>BIB 332 Old Testament Historical Books</td>
<td>3</td>
</tr>
<tr>
<td>BIB 362 Jesus and the Gospels</td>
<td>3</td>
</tr>
<tr>
<td>BIB 364 The Pauline Epistles</td>
<td>3</td>
</tr>
<tr>
<td>BIB 372 Johannine Literature</td>
<td>3</td>
</tr>
<tr>
<td>BIB 376 Hebrews and General Epistles</td>
<td>3</td>
</tr>
<tr>
<td>BIB 421 Pentateuch</td>
<td>3</td>
</tr>
<tr>
<td>BIB 424 Hebrew Prophets</td>
<td>3</td>
</tr>
<tr>
<td>BIB 437 Psalms and Wisdom Literature</td>
<td>3</td>
</tr>
<tr>
<td>BIB 438 Intertestamental Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

**Concentration Total** 12
The English literature major is an excellent preparation for students who are preparing to teach or be involved in Christian ministry 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** Introduction to Christian Missions
- **ESL 315** Descriptive Linguistics
- **ESL 316** Sociolinguistics
- **ESL 343** Methods and Materials
- **ESL 353** TESL Curriculum Design
- **ESL 413** Cross-Cultural Communication
- **ESL 433** Literature in the ESL Context
- **ENG 470** Teaching English

**Concentration Total 12**

**Missions (MSC)**

- The missions concentration can help the student prepare to teach or be involved in Christian ministry in foreign countries.
- **Choice of three courses from the following:**
  - **MISS 325** History of Missions
  - **MISS 333** Theology of Missions
  - **MISS 350** Missions and Culture
  - **MISS 404** Church Growth and Planting
  - **THE 303** Major Religions of the World

**Concentration Total 12**

**Prelaw (PLC)**

- The English literature major is an excellent program for students interested in pursuing a legal career because it fosters communication and critical thinking skills.
- **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)**

Students in the writing major may focus on literary writing (creative writing) or technical (editing and desktop publishing) in their electives and choice of concentration.

**General Education Credit Hours**

- Whole Person Assessment (GEN 099) 12
- English (COMP 102, 303) 6
- Foreign Language (2 semesters including 203) 6
- Oral Communication (COM 101) 3
- Biblical Literature (BLIT 110, 120) 6
- Theology (THE 103) 3
- Laboratory Science 8
- Mathematics (MAT 151) 3
- American History (HIS 101) 3
- American Government (GOV 101) 3
- Humanities (HUM 101 and ENG 201 plus two of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) 12
- Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244) 3
- Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives) 5

**General Education Total 61**

*At least one course must be chosen from courses with asterisks.

**Bachelor of Arts**

- Bachelor of Arts
- Bachelor of Arts
- Bachelor of Arts
Students pursuing a writing major learn to work with technology, and this concentration allows students to supplement the technology component in the writing major. Choice of four of the following courses: 12

INT 201 Introduction to Interactive Media
INT 301 Intermediate Interactive Media
INT 401 Advanced Interactive Media
CSC 111 Introduction to Computing
CSC 112 Microcomputer Applications in Business
ART 440 Computer Graphics (DTP)

**Concentration Total**

12

### FRENCH MAJOR (FRE)

**Bachelor of Arts**

<table>
<thead>
<tr>
<th>General Education Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
</tr>
<tr>
<td>English (COMP 102, 303)</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
</tr>
<tr>
<td>Laboratory Science (lecture and lab)</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>Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)</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 (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)</td>
</tr>
<tr>
<td><strong>General Education Total</strong></td>
</tr>
</tbody>
</table>

**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 |
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 498 Senior Paper Bibliography 1
SPA 499 Senior Paper 2
Choice of one of the following two courses:
SPA 303 Survey of Spanish Literature I 3
SPA 304 Survey of Spanish Literature II 3

Major Total 30
Minor 18
Electives 25
Degree Total 128

SPANISH MAJOR (SPA)

Bachelor of Arts

General Education Credit Hours
Whole Person Assessment (GEN 099) 0
English (COMP 102, 303) 6
Oral Communication (COM 101) 3
Biblical Literature (BLIT 110, 120) 6
Theology (THE 103) 3
Mathematics (MAT 151) 8
Laboratory Science (lecture and lab) 8
American History (HIS 101) 3
American Government (GOV 101) 3

Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) 12

Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244) 3

Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives) 5

General Education Total 55

*At least one course must be chosen from list courses with asterisks.

Major

SPA 203 Intermediate Spanish I 3
SPA 204 Intermediate Spanish II 3
SPA 301 Phonetics and Conversation 3
SPA 302 Spanish Composition 3
SPA 314 Survey of Latin American Literature 3
SPA Electives (300/400 level) 9
SPA 498 Senior Paper Bibliography 1
SPA 499 Senior Paper 2
Choice of one of the following two courses:
SPA 303 Survey of Spanish Literature I 3
SPA 304 Survey of Spanish Literature II 3

Major Total 30
Minor 18
Electives 25
Degree Total 128

ENGLISH EDUCATION MAJOR (ENGE) WITH SECONDARY TEACHING LICENSURE

Bachelor of Art

This major meets the State of Oklahoma's requirements for a teaching license at the secondary level (middle and high school). Students may earn licensure in a second subject/content area. The Oklahoma Commission for Teacher Preparation requires the OSAT/OPTE test(s) be passed in order to obtain a license in an additional subject/content area. Students interested in completing coursework toward additional licensing should consult the subject area advisor.

General Education Credit Hours
Whole Person Assessment (GEN 099) 0
English (COMP 102, 303) 6
Oral Communication (COM 101) 3
Foreign Language (2 semesters including 203) 6
Mathematics (MAT 151) 8
American History (HIS 101) 3
American Government (GOV 101) 3

Humanities (HUM 101 and ENG 201 plus two of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) 12

Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244) 3

Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives) 5

General Education Total 60.5

*At least one course must be chosen from list courses with asterisks.

Major

ENG 309 Young Adult Literature 3
ENG 310 World Literature 1
ENG 312 English Literature II 3
ENG 323 American Literature I 3
ENG 324 American Literature II 3
ENG 351 Shakespeare 3
ENG 499 Senior Paper/Composition 3
WRT 304 Structure of Modern English 3
WRT 331 Literary Writing 3
WRT 400 Writing Internship** 3

Choice of three of the following courses:
ENG 315 African-American Literature 3
ENG 352 Major Writers 3
ENG 359 English Medieval Period 3
ENG 370 American Romantic Period 3
ENG 371 American Realists and Naturalists 3
ENG 420 English Romantic Period 3
ENG 421 English Victorian Period 3
ENG 436 Contemporary Literature 3
ENG 440 Modern Period 3
WRT 355 History of the English Language 3
WRT 405 Literary Genres 3

Major Total 39

**Writing internship needs to be in the ORU Tutoring Center.

Professional Education

PED 100 Education Seminar (every semester) 0
PED 121 Field Based Experience/Practicum (Secondary) 3
PED 203 Foundations and Methods of Education 3
PED 222 School Health Care 1
PED 305 Pedagogy I 4
PED 306 Pedagogy II 4
PED 361 Professional Education Seminar/Portfolio 0
PED 485 Intern/Student Teaching: 7-9 5
PED 495 Intern/Student Teaching 10-12 5
ENG 470 Teaching English 3

Professional Education Total 26

Degree Total 128.5

MODERN FOREIGN LANGUAGE EDUCATION MAJOR (MFLE) WITH K-12 TEACHING LICENSURE

Bachelor of Arts

This major meets the State of Oklahoma's requirements for a teaching license at the elementary and secondary levels (K-12). Students may earn licensure in a second subject/content area. The Oklahoma Commission for Teacher Preparation requires the OSAT/OPTE test(s) be passed in order to obtain a license in an additional subject/content area. Students interested in completing coursework toward additional licensing should consult the subject area advisor.

General Education Credit Hours
Whole Person Assessment (GEN 099) 0
English (COMP 102, 303) 6
Biblical Literature (BLIT 110, 120) 6
Theology (THE 103) 3
Mathematics (MAT 151) 8
American History (HIS 101) 3
American Government (GOV 101) 3

Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) 12

Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244) 3

Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives) 5

General Education Total 60.5

*At least one course must be chosen from list courses with asterisks.

Major

ENG 309 Young Adult Literature 3
ENG 310 World Literature 1
ENG 312 English Literature II 3
ENG 323 American Literature I 3
ENG 324 American Literature II 3
ENG 351 Shakespeare 3
ENG 499 Senior Paper/Composition 3
WRT 304 Structure of Modern English 3
WRT 331 Literary Writing 3
WRT 400 Writing Internship** 3

Choice of three of the following courses:
ENG 315 African-American Literature 3
ENG 352 Major Writers 3
ENG 359 English Medieval Period 3
ENG 370 American Romantic Period 3
ENG 371 American Realists and Naturalists 3
ENG 420 English Romantic Period 3
ENG 421 English Victorian Period 3
ENG 436 Contemporary Literature 3
ENG 440 Modern Period 3
WRT 355 History of the English Language 3
WRT 405 Literary Genres 3

Major Total 39

**Writing internship needs to be in the ORU Tutoring Center.

Professional Education

PED 100 Education Seminar (every semester) 0
PED 121 Field Based Experience/Practicum (Secondary) 3
PED 203 Foundations and Methods of Education 3
PED 222 School Health Care 1
PED 305 Pedagogy I 4
PED 306 Pedagogy II 4
PED 361 Professional Education Seminar/Portfolio 0
PED 485 Intern/Student Teaching: 7-9 5
PED 495 Intern/Student Teaching 10-12 5
ENG 470 Teaching English 3

Professional Education Total 26

Degree Total 128.5
**Major**

- FRE, SPA 203 Intermediate I 3
- FRE, SPA 204 Intermediate II 3
- FRE, SPA 301 Phonetics and Conversation 3
- FRE, SPA 302 Composition 3
- FRE, SPA 498 Senior Paper Bibliography 1
- FRE, SPA 499 Senior Paper 2
- FRE, SPA Electives (upper division) 9
- Students take three* of the following courses: 9
  - FRE, SPA 303 Survey of Literature I
  - FRE, SPA 304 Survey of Literature II
  - FRE, 305 SPA 315 Civilization and Culture
- SPA 314 Survey of Latin American Literature
- FRE, SPA 450 Internship

**Major Total** 33

*French education majors take 303, 304, and 305. Spanish majors take SPA 314 and 315 and then choose from SPA 304 or 305.

**Cognate**

- **Choice of two courses* from a second foreign language**
  - FRE, GER, SPA, HEB
  - FRE, GER, SPA, HEB
  - Cognate Total 6

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

**Professional Education**

- PED 100 Education Seminar (every semester) 0
- **Choice of one of the two field-based courses:** 1
  - PED 111 Field-Based Experience/Practicum (Elementary)
  - PED 121 Field-Based Experience/Practicum (Secondary)
- PED 203 Foundations and Methods of Education 3
- PED 222 School Health Care 1
- PED 305 Pedagogy I 4
- PED 306 Pedagogy II 4
- PED 361 Professional Education Seminar/Portfolio 0
- PED 475 Student Teaching: Elementary 5
- PED 495 Student Teaching: Secondary 5
- FRE/SPA/GER 457 Methods for Modern Language

**Curriculum Instruction**

- Professional Education Total 26
- Electives 8.5
- Degree Total 128

**FRENCH MINOR (FREM)**

A French minor requires 19 hours of foreign language coursework and may include 102, 203, and 204, plus three more courses. The 101 course does not apply toward the minor.

**HEBREW MINOR (HEBM)**

A Hebrew minor requires 19 hours of foreign language coursework and may include 102, 203, and 204, plus three more courses. The 101 course does not apply toward the minor.

**SPANISH MINOR (SPAM)**

A Spanish minor requires 19 hours of foreign language coursework and may include 102, 203, and 204, plus three more courses. The 100 and 101 courses do not apply toward the minor.

**ENGLISH LITERATURE MINOR (ENGM)**

The English minor is designed for students majoring in another discipline who desire a minor in English.

- ENG 201 Introduction to Literature 3
- ENG 311 English Literature I 3
- ENG 312 English Literature II 3
- ENG 321 American Literature I 3
- ENG 324 American Literature II 3
- ENG Electives 3

**Minor Total** 18

**BUSINESS LANGUAGE MINOR (BSLM)**

The business language minor (French, Spanish, or Hebrew) provides the student with skills in the language with particular concentration on business terminology, including export marketing. The minor is directed toward the student who plans on a career in international business or anticipates needing to know another language as it relates to business.

- The 306 course is designed also as an elective course for those business majors who already have a good working knowledge of the target language or have completed 204.
- Students with previous language experience may participate in the test-out program for majors and minors, thereby accelerating the completion of their minor.

- FRE, SPA, HEB 102 Elementary II 5
- FRE, SPA, HEB 203 Intermediate I 3
- FRE, SPA, HEB 204 Intermediate II 3
- FRE, HEB 305, SPA 315 Civilization and Culture 3
- FRE, SPA, HEB 306 Business Language 4
- FRE, SPA, HEB Elective (upper division) 3

**Minor Total** 21

**WRITING MINOR (WRTM)**

This minor is designed for students desiring to sharpen their writing skills or to prepare for careers that involve the written word.

- ENG 201 Introduction to Literature 3
- WRT 201 Introduction to Writing* 3
- WRT 304 Structure of Modern English 3
- PRF 320 Writing Major/Minor Proficiency 0
- **Choice of nine hours from the following courses:** 9
  - WRT 212 Writing Workshop: Revision (1 hr.)
  - WRT 312 Writing Workshop: Copyediting (1 hr.)
  - WRT 313 Writing Workshop: Diction (1 hr.)
  - WRT 331 Literary Writing (3 hrs.)
  - WRT 335 Technical Writing I (3 hrs.)
  - WRT 336 Technical Writing II (3 hrs.)
  - WRT 355 History of the English Language (3 hrs.)
  - WRT 400 Writing Internship (1-3 hrs.)
  - WRT 405 Literary Genres (3 hrs.)
  - WRT 410 Desktop Publishing (3 hrs.)

**Minor Total** 18

*Requires the corresponding writing workshop as a corequisite.

**PreProfessional English Minor (PPEM)**

This minor is designed for students majoring in another discipline but desiring to sharpen their skills in writing and literature.

- **Choice of four courses from the following:** 12
  - ENG 201 Introduction to Literature
  - ENG 310 World Literature
  - ENG 311 English Literature I
  - ENG 312 English Literature II
  - ENG 323 American Literature I
  - ENG 324 American Literature II
  - ENG 351 Shakespeare
  - ENG 352 Major Writers
  - ENG 359 English Medieval Period: 650-1500
  - ENG 370 American Romantic Period
  - ENG 371 American Realists and Naturalists
  - ENG 420 English Romantic Period: 1798-1832
  - ENG 421 English Victorian Period
  - ENG 436 Contemporary Literature
  - ENG 440 The Modern Period
  - ENG 450 Literary Criticism
  - ENG 451 Seminar
  - ENG 470 Teaching English

**Writing Minor (WRTM)**

This minor is designed for students majoring in another discipline but desiring to sharpen their skills in writing and literature.

- **Choice of four courses from the following:** 12
  - ENG 201 Introduction to Literature
  - ENG 310 World Literature
  - ENG 311 English Literature I
  - ENG 312 English Literature II
  - ENG 323 American Literature I
  - ENG 324 American Literature II
  - ENG 351 Shakespeare
  - ENG 352 Major Writers
  - ENG 359 English Medieval Period: 650-1500
  - ENG 370 American Romantic Period
  - ENG 371 American Realists and Naturalists
  - ENG 420 English Romantic Period: 1798-1832
  - ENG 421 English Victorian Period
  - ENG 436 Contemporary Literature
  - ENG 440 The Modern Period
  - ENG 450 Literary Criticism
  - ENG 451 Seminar
  - ENG 470 Teaching English

**Writing Minor (WRTM)**

This minor is designed for students desiring to sharpen their writing skills or to prepare for careers that involve the written word.

- ENG 201 Introduction to Literature 3
- WRT 201 Introduction to Writing* 3
- WRT 304 Structure of Modern English 3
- PRF 320 Writing Major/Minor Proficiency 0
- **Choice of nine hours from the following courses:** 9
  - WRT 212 Writing Workshop: Revision (1 hr.)
  - WRT 312 Writing Workshop: Copyediting (1 hr.)
  - WRT 313 Writing Workshop: Diction (1 hr.)
  - WRT 331 Literary Writing (3 hrs.)
  - WRT 335 Technical Writing I (3 hrs.)
  - WRT 336 Technical Writing II (3 hrs.)
  - WRT 355 History of the English Language (3 hrs.)
  - WRT 400 Writing Internship (1-3 hrs.)
  - WRT 405 Literary Genres (3 hrs.)
  - WRT 410 Desktop Publishing (3 hrs.)

**Minor Total** 18

*Requires the corresponding writing workshop as a corequisite.

**Transferring to ORU with an A.A. Degree**

(froM Tulsa Community College)

An articulation agreement between Tulsa Community College (TCC) and ORU has been developed to assist students having an associate of arts degree in English, French, or Spanish to obtain a bachelor of arts degree in English literature, French, Spanish, or writing at ORU. This agreement allows students from TCC to transfer to ORU and receive the maximum allowable credit towards a bachelor's degree. Additional information is available in the admissions section of this catalog.

**Degree Requirements**

Students transferring from TCC and pursuing a B.A. degree in English, French, Spanish, or writing at ORU need to take the courses as indicated in the following degree plans. All TCC students interested in one of these majors need to take the following general education courses at TCC.

**TCC General Education**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1113, 1213</td>
<td>6</td>
</tr>
<tr>
<td>SPCH 1113</td>
<td>3</td>
</tr>
<tr>
<td>HIST 1483 or 1493</td>
<td>3</td>
</tr>
</tbody>
</table>
B.A. Degree in French

Students seeking an associate’s degree in French from TCC and a bachelor’s degree in French literature from ORU take courses and earn credit hours in the following areas:

TCC Associate’s Degree Total 60 hrs.

• TCC general education (34 hrs.)
• TCC French program (23 hrs.)
• TCC elective (3 hrs.)

ORU Total 68 hrs.

• ORU general education courses (19 hrs.)
• ORU French major (24 hrs.)
• A minor area of study (18 hrs.)
• Electives of the student’s choice (7 hrs.)

TCC-ORU Bachelor’s Degree Total 128 hrs.

In addition to the general education courses at TCC listed under “Degree Requirements” earlier in this section, students wanting to major in French at TCC and French at ORU need to take the following courses:

TCC French Program 23 hrs.

French (FREN 1103*, 1213*, 1301, 1313, 1401, 1413, 2113, 2213, 2263)

*May test out of these courses.

Electives 7 hrs.

ORU French Major Total 7 hrs.

• ORU French major total

FRF 302 French Composition

FRF 303/304 Survey of French Literature I and II

FRF 498 Senior Paper Bibliography

FRF 499 Senior Paper

FRF Electives (300/400 level)

Choice of one of the following two courses:

• FRF 301 French Phonetics and Conversation

• FRF 305 French Civilization and Culture

ORU Minor 18 hrs.

B.A. Degree in English Literature

Students seeking an associate’s degree in English from TCC and a bachelor’s degree in English literature from ORU take courses and earn credit hours in the following areas:

TCC Associate’s Degree Total 60 hrs.

• TCC general education (34 hrs.)
• TCC French program (23 hrs.)
• TCC elective (3 hrs.)

ORU Total 68 hrs.

• ORU general education courses (19 hrs.)
• ORU French major (24 hrs.)
• A minor area of study (18 hrs.)
• Electives of the student’s choice (7 hrs.)

TCC-ORU Bachelor’s Degree Total 128 hrs.

In addition to the general education courses at TCC listed under “Degree Requirements” earlier in this section, students wanting to major in French at TCC and French at ORU need to take the following courses:

TCC French Program 23 hrs.

French (FREN 1103*, 1213*, 1301, 1313, 1401, 1413, 2113, 2213, 2263)

*May test out of these courses.

Electives 3 hrs.

ORU General Education 19 hrs.

• Whole Person Assessment (GEN 099) 0
• English (COMP 303) 3
• Biblical Literature (BLIT 110, 120) 6
• Theology (THE 103) 3
• Science Lab 1
• Humanities (Choice of HUM 101, 222, 233, 244, 301, 333)
• Health, Physical Education, and Recreation 3

TCC-ORU B.A. Degree Total 128 hrs.

B.A. Degree in English

Students seeking an associate’s degree in English from TCC can earn a bachelor’s degree in writing and a minor in English literature from ORU by taking courses and earning credit hours in the following areas:

TCC Associate’s Degree Total 60 hrs.

• TCC general education (34 hrs.)
• TCC English program (26 hrs.)

ORU Total 68 hrs.

• ORU general education courses (22 hrs.)
• ORU English major (24 hrs.)
• Concentration in journalism (12 hrs.)
• Completion of a minor in English literature (3 hrs.)
• An elective of the student’s choice (7 hrs.)

TCC-ORU B.A. Degree Total 128 hrs.

B.A. Degree in Spanish

Students seeking an associate’s degree in Spanish from TCC and a bachelor’s degree in Spanish from ORU take courses and earn credit hours in the following areas:

TCC Associate’s Degree Total 60 hrs.

• TCC general education (34 hrs.)
• TCC Spanish program (23 hrs.)
• TCC elective (3 hrs.)

ORU Total 68 hrs.

• ORU general education courses (19 hrs.)
• ORU Spanish major (24 hrs.)
• A minor area of study (18 hrs.)
• Electives of the student’s choice (7 hrs.)

TCC-ORU Bachelor’s Degree Total 128 hrs.

TCC Spanish Program 23 hrs.

Spanish (SPAN 1103*, 1213*, 1301, 1313, 1401, 1413, 2113, 2213, 2263)

*May test out of these courses.
WRT 335/336 Technical Writing I and II 6
WRT 400 Writing Internship 3
WRT/ENG Elective (300 or 400 level) 3
Choice of one of the following courses: 3
ENG 499 Senior Paper/Composition
WRT 499 Senior Paper/Project*

*Department approval is needed.

JRN Journalism Electives 8
JRN 108 Newswriting I (including lab) 1
JRN 107 Newswriting I 3
Choice of one of the following courses
WRT/ENG Elective (300 or 400 level) 3
WRT 400 Writing Internship 3
WRT 335/336 Technical Writing I and II 6
ORU Journalism Concentration 12 hrs.

Departmental Courses

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

Composition (General Education)
COMP 101 College Reading and Writing
COMP 102 Reading and Writing in the Liberal Arts
COMP 303 Critical Reading and Writing

English
ENG 201 Introduction to Literature
ENG 307 Culture and the Christian Imagination
ENG 309 Young Adult Literature
ENG 310 World Literature
ENG 311 English Literature I
ENG 312 English Literature II
ENG 315 African-American Literature
ENG 323 American Literature I
ENG 324 American Literature II
ENG 351 Shakespeare
ENG 352 Major Writers
ENG 359 English Medieval Period: 650-1500
ENG 370 American Romantic Period
ENG 371 American Realists and Naturalists
ENG 420 English Romantic Period: 1798-1832
ENG 421 English Victorian Period
ENG 436 Contemporary Literature
ENG 440 The Modern Period
ENG 450 Literary Criticism
ENG 451 Seminar
ENG 470 Teaching English
ENG 499 Senior Paper/Composition
ENG 999 Elective

French
FRE 101 Elementary French I
FRE 102 Elementary French II
FRE 203 Intermediate French I
FRE 204 Intermediate French II
FRE 219 Travel Study
FRE 301 French Phonetics and Conversation
FRE 302 French Composition
FRE 303 Survey of French Literature I
FRE 304 Survey of French Literature II
FRE 305 French Civilization and Culture
FRE 306 Business French
FRE 407 Age of the Philosophers
FRE 408 French Romanticism (1790-1850)
FRE 450 Internship
FRE 451 Special Readings

WRT 457 Methods for Modern Language Curriculum Instruction
WRT 458 Senior Paper Bibliography
WRT 499 Senior Paper

Writing
WRT 112 Reading and Writing Laboratory
WRT 201 Introduction to Writing
WRT 212 Writing Workshop: Revising
WRT 300 Workshop for Peer Tutors
WRT 304 Structure of Modern English
WRT 312 Writing Workshop: Copyediting
WRT 313 Writing Workshop: Diction
WRT 331 Literary Writing
WRT 335 Technical Writing I
WRT 336 Technical Writing II
WRT 355 History of the English Language
WRT 400 Writing Internship
WRT 405 Literary Genres
WRT 410 Desktop Publishing
WRT 490 Grant Writing
WRT 495 Directed Study
WRT 499 Senior Paper/Project
WRT 999 Elective

Profficiencies
PRF 001 Foreign Language Proficiency
PRF 050 French Proficiency
PRF 052 Hebrew Proficiency
PRF 054 German Proficiency
PRF 320 Major/Minor Writing Proficiency

HISTORY, HUMANITIES, AND GOVERNMENT DEPARTMENT

Michael Hirlinger, Ph.D., Chair

MISSION STATEMENT: History, humanities, and government are vital for enabling students to understand who they are in our modern context. For students to understand who they are, they have to begin to understand and value the past. The History, Humanities, and Government Department's work is to give them a foundation contributing to and making an impact on their world. This is done through academics and mentoring—the faculty teach students, not just subjects. To accomplish this end, the faculty members cultivate their own horizons into a collegial teaching ministry, led by the Spirit, founded on Judeo-Christian tradition and presented in a Charismatic/Christian worldview.

Overview

Civilization is founded on history, for a civilized human being is one who holds values that are irrelevant without perspective. History provides both record and interpretation without which perspective is impossible. Perspective provides insight into why present institutions and society are what they are. Analysis of the whys of the past suggests actions that may be expected to produce positive changes in contemporary institutions and society.

 Majors and minors offered through this department are excellent preparation for students planning to implement the founding purpose of Oral Roberts University—to go into every person’s world, as well as to practice professions such as law, government, business, journalism, teaching, or any field requiring knowledge of an ability to evaluate national and world events.

Departmental offerings include courses on Western hemisphere, Europe, Africa, the Middle East, and the Orient, with specialties and/or introductory studies.
The programs offered through this department can help prepare students for careers such as the following:

- U.S. or state senator
- Legal and litigation researcher
- Campaign manager
- Historical archaeologist or anthropologist
- Public historian
- College or university professor
- News analyst
- Nonprofit organization officer
- Humanitarian organization officer
- City manager
- Missions or community work
- Civil servant
- Press secretary
- Lawyer

**GENERAL EDUCATION**

**Courses**

The ORU required general education core curriculum is the foundation on which each ORU student may build a charismatic Christian worldview and image of mankind in harmony with the distinctive founding purpose of the university. All ORU students pursuing a bachelor’s degree at ORU are required to complete at least general education courses in the History, Humanities, and Government Department: HIS 101; GOV 101, HUM 101, and at least one humanity elective. Some departments in the university specify which humanities courses their students need to take to fulfill the humanities requirements. Students can also participate in travel studies to earn credit for humanities courses.

**DEGREE PROGRAMS**

The History, Humanities, and Government Department offers six majors: (1) history, (2) government, (3) international relations, (4) international community development, (5) social studies education, and (6) leadership studies. The department also offers the following minors: history, humanities, government, and international relations.

**History (B.A.)**

The ORU history major may select from five areas that provide an integrated, focused-area degree, selected to prepare for service in “every person’s world.” For success in today’s professions, the ORU graduate requires historical-cultural understanding to best minister healing for the totality of human needs. This department can provide that understanding.

Any ORU professional, vocational, or liberal arts major should strongly consider a history minor or at least specific related area studies that support historical-cultural understanding of the chosen life’s work. The ORU charismatic faculty provides professional training with this added dimension.

**Government (B.A.)**

Government examines power and authority relationships in human communities including their foundations, their institutional organization, and how they are used to make public policy. Government is the study of how people govern and are governed—and with what results—in cities, states, and nations.

A government major at ORU helps prepare students for careers in several fields by emphasizing breadth of knowledge about national and world affairs, especially analyzing them in the light of Judeo-Christian values and principles, analytical reading and advanced writing skills, and ability to use a variety of research skills. When combined with an appropriate graduate degree (J.D., Ph.D., M.P.A., etc.), study of government is an excellent preparation for law, business, journalism, Christian ministries and missions, and other fields. Since political decision-making touches all aspects of life, its study opens new perspectives for all Christian citizens and professionals.

**International Relations (B.A.)**

The international relations major is designed for students interested in learning about and/or pursuing a career in diplomacy and regionalized or international politics. The major also includes studies in economics, theology, and linguistics and requires a minor in one of the modern languages offered (French, Spanish, German, Hebrew). A student majoring in international relations will be adequately prepared for the diversity in the modern global arena through a strong foundation of Judeo-Christian principles as they apply to international studies.

**International/Community Development (B.A.)**

International/Community Development is an interdisciplinary degree program in practical missions, preparing graduates to address not only spiritual but also educational, economic, medical, and physical needs. A major in ICD is preparation to work in a helping capacity—through churches, ministries, mission agencies, nonprofit organizations, relief organizations, international schools, government agencies, and a variety of other endeavors in the USA and abroad. The basic skills taught in ICD—needs assessment, problem solving, training, and leadership—are valuable in any field. However, this major does not lead to a teaching license, nor is it a teacher certification area.

**Social Studies Education (B.A.)**

Students seeking licensure to teach at the secondary levels have two options: (1) completion of the social studies education major, which leads to standard certification or (2) completion of a government or history major, which can lead to alternative certification. As alternative certification is intended for those seeking career changes, requirements vary widely from state to state, and laws governing these programs can change frequently. Therefore, students interested in pursuing alternative certification need to meet with the ORU College of Education’s certification officer to ensure they are well informed prior to choosing this option. Students interested in a teaching license should work closely with the advisor in the major department.

The social studies education major cuts across subject fields, thus allowing the graduate to teach middle and secondary school classes in civics, democracy, economics, government, United States history, world history, Oklahoma history, and sociology.

**Leadership Studies (B.A.)**

The leadership studies major is designed to emphasize inquiry, understanding, skill development, practice, and reflection. Students in this major pursue a rigorous program of study in leadership theory, organizational communication, public and private sector leadership, church leadership, conflict resolution, ethics, and administrative theory.

**Prelaw**

Although ORU does not have a prelaw major, students interested in law usually choose an appropriate major—almost always history or government—and add the prelaw concentration. However, other majors such as English, sociology, business, or languages are also good choices for prelaw students to select in order to develop conceptual, analytical, reading comprehension, writing, and research skills so essential to law study.

A faculty member in the History, Humanities, Government Department serves as the university-wide prelaw advisor for every prelaw student, no matter what major is selected. The prelaw advisor is responsible for planning the prelaw course of study, which is individually tailored to meet each student’s specific career goals. The prelaw advisor has information about a wide variety of law schools in all parts of the country, and the prelaw advisor meets regularly with each prelaw student to discuss the student’s academic progress. Students interested in prelaw should contact the department to be assigned to the prelaw advisor.

**CLUBS AND ORGANIZATIONS**

Various government-oriented clubs and organizations are available for students interested in their fields.

- The College Republicans, College Democrats, and College Libertarians are three clubs that provide opportunities for discussions, special speakers, and volunteering with political parties the students are interested in.

- The International Relations club that discusses major issues dealing with American foreign policy. Great activities are held such as guest speakers and movies.

- The Oklahoma Scholar Leadership Enrichment Program (OSLEP) holds academic seminars in Oklahoma City throughout the academic year.

- The History Honors Society (Phi Alpha Theta) is for history and social studies education majors with honors standing.

**SPECIAL ACTIVITIES AND OPPORTUNITIES**

**Oklahoma Intercollegiate Legislature (O.I.L.)** is a mock legislature assembly held each fall and spring in Oklahoma City. Students can receive up to 2 credits per semester for participating, not to exceed 4 hours credit in total.

**Model United Nations** is a mock United Nations assembly held each spring semester in St. Louis or Chicago. Model United Nations (M.U.N.) is a conference held in the fall semester of each academic year. ORU sends a delegation to the conference to represent a different nation each year, such as Israel 2005, Syria and Denmark 2006, Panama and Kenya 2007, and Congo and the Czech Republic 2008. Although competition is keen, each student majoring in international relations is encouraged to participate and thereby receive credit for GOV 488 while gaining valuable hands-on experience.

**Travel Studies**—There are several opportunities for students to travel abroad, and students may earn credit through directed studies which emphasize their international travel. Each course requires specific papers, powerpoints, presentations, individual research, journals, readings, and reports as directed by the professor in charge. For further information contact the professor of the particular destination. Credit is available for Humanities, History, and Government as appropriate.
**Awards**

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

**Outstanding Senior Award**

The History, Humanities, Government Department annually honors a graduating senior in each of the following majors: government, history, and social studies education. The department also recognizes the outstanding overall student and outstanding graduating senior minor in humanities.

**Outstanding Senior Paper**

This recognizes the department's best senior research project in history and in government.

**HISTORY MAJOR (HIS)**

**Bachelor of Arts**

**General Education Credit Hours**

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Whole Person Assessment (GEN 099)</td>
</tr>
<tr>
<td>6</td>
<td>English (COMP 102, 303)</td>
</tr>
<tr>
<td>6</td>
<td>American History (HIS 101)</td>
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<tr>
<td>3</td>
<td>Oral Communication (COM 101)</td>
</tr>
<tr>
<td>3</td>
<td>Biblical Literature (BLIT 110, 120)</td>
</tr>
<tr>
<td>3</td>
<td>Theology (THE 103)</td>
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<tr>
<td>8</td>
<td>Laboratory Science</td>
</tr>
<tr>
<td>3</td>
<td>Mathematics (MAT 151)</td>
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<tr>
<td>3</td>
<td>American History (HIS 101)</td>
</tr>
<tr>
<td>3</td>
<td>Government (GOV 101)</td>
</tr>
<tr>
<td>3</td>
<td>Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270)</td>
</tr>
<tr>
<td>3</td>
<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>5</td>
<td>Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)</td>
</tr>
</tbody>
</table>

**General Education Total** 61

*At least one course must be chosen from courses with asterisks.

**Major**

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>HIS 201 Historiography:</td>
</tr>
<tr>
<td>3</td>
<td>HIS 351 Evangelical and Charismatic Christianity</td>
</tr>
<tr>
<td>3</td>
<td>HIS 491 History Internship</td>
</tr>
<tr>
<td>27</td>
<td>HIS Area Studies*</td>
</tr>
<tr>
<td>3</td>
<td>HIS 499 Senior Paper/Project</td>
</tr>
</tbody>
</table>

**Major Total** 39

*Students choose three of five areas (U.S., Europe, Latin America, Middle East, Asia) and take a minimum of 9 hours in each of the three areas chosen.

**Minor**

Students choose a minor after consulting with an advisor. Appropriate examples include government, humanities, business, English, or a foreign language. Some students may use elective hours to complete a second minor.

**Minor Total** 18

**Electives** 10

**Degree Total** 128

**INTERNATIONAL RELATIONS MAJOR (INR)**

**Bachelor of Arts**

**General Education Credit Hours**

<table>
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<tr>
<th>Credit Hours</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>0</td>
<td>Whole Person Assessment (GEN 099)</td>
</tr>
<tr>
<td>6</td>
<td>English (COMP 102, 303)</td>
</tr>
<tr>
<td>6</td>
<td>Foreign Language (2 semesters including 203)</td>
</tr>
<tr>
<td>3</td>
<td>Oral Communication (COM 101)</td>
</tr>
<tr>
<td>3</td>
<td>Biblical Literature (BLIT 110, 120)</td>
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<tr>
<td>3</td>
<td>Theology (THE 103)</td>
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<tr>
<td>3</td>
<td>Laboratory Science</td>
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<tr>
<td>3</td>
<td>Mathematics (MAT 232)</td>
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<tr>
<td>3</td>
<td>American History (HIS 101)</td>
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<tr>
<td>3</td>
<td>American Government (GOV 101)</td>
</tr>
<tr>
<td>9</td>
<td>Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270)</td>
</tr>
<tr>
<td>3</td>
<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>3</td>
<td>Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)</td>
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</tbody>
</table>

**General Education Total** 61

*At least one course must be chosen from list courses with asterisks.

**Major**

<table>
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<tr>
<td>3</td>
<td>GOV 201 Introduction to Political Science</td>
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<td>3</td>
<td>GOV 331 Western Political Theory</td>
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<tr>
<td>3</td>
<td>GOV 335 Christian Faith and Government: Theory</td>
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<tr>
<td>3</td>
<td>GOV 336 Christian Faith and Government: Practicum</td>
</tr>
<tr>
<td>3</td>
<td>GOV 499 Senior Paper/Project</td>
</tr>
<tr>
<td>3</td>
<td>GOV** Government electives or concentration</td>
</tr>
</tbody>
</table>

**Major Total** 30

**Electives** 19

**Degree Total** 128

**International Relations Concentration (IRC)**

**Bachelor of Arts**

**General Education Credit Hours**

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Whole Person Assessment (GEN 099)</td>
</tr>
<tr>
<td>6</td>
<td>English (COMP 102, 303)</td>
</tr>
<tr>
<td>6</td>
<td>Foreign Language (2 semesters including 203)</td>
</tr>
<tr>
<td>3</td>
<td>Oral Communication (COM 101)</td>
</tr>
<tr>
<td>3</td>
<td>Biblical Literature (BLIT 110, 120)</td>
</tr>
<tr>
<td>3</td>
<td>Theology (THE 103)</td>
</tr>
<tr>
<td>3</td>
<td>Laboratory Science</td>
</tr>
<tr>
<td>3</td>
<td>Mathematics (MAT 232)</td>
</tr>
<tr>
<td>3</td>
<td>American History (HIS 101)</td>
</tr>
<tr>
<td>3</td>
<td>American Government (GOV 101)</td>
</tr>
<tr>
<td>9</td>
<td>Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270)</td>
</tr>
<tr>
<td>3</td>
<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>
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<tr>
<td>3</td>
<td>Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)</td>
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</table>

**General Education Total** 61

*At least one course must be chosen from list courses with asterisks.

**Major**

<table>
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<tr>
<th>Credit Hours</th>
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<tr>
<td>3</td>
<td>GOV 201 Introduction to Political Science</td>
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<td>3</td>
<td>GOV 305 Comparative Government</td>
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<td>3</td>
<td>GOV 311 International Relations</td>
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<td>3</td>
<td>GOV 370 Area Studies</td>
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<td>3</td>
<td>GOV 381 American Foreign Policy</td>
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<tr>
<td>3</td>
<td>GOV 391 International Political Economy</td>
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<tr>
<td>3</td>
<td>GOV 479 Readings in Government</td>
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<tr>
<td>3</td>
<td>GOV 487 International Legislation Internship</td>
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<td>3</td>
<td>GOV 488 Model United Nations Internship</td>
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<td>3</td>
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**Degree Total** 128

**Prelaw Studies Concentration (LAWC)**

**Bachelor of Arts**

**General Education Credit Hours**

<table>
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<th>Credit Hours</th>
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<tbody>
<tr>
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<td>Whole Person Assessment (GEN 099)</td>
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<tr>
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<td>English (COMP 102, 303)</td>
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<tr>
<td>6</td>
<td>Foreign Language (2 semesters including 203)</td>
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<tr>
<td>3</td>
<td>Oral Communication (COM 101)</td>
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<tr>
<td>3</td>
<td>Biblical Literature (BLIT 110, 120)</td>
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<td>Theology (THE 103)</td>
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<tr>
<td>3</td>
<td>Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)</td>
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**General Education Total** 51
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>GOV 205</td>
<td>Political Science Research (3 hrs.)</td>
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<td>GOV 461</td>
<td>Public Policy Analysis (3 hrs.)</td>
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<tr>
<td>HIS 361</td>
<td>Colonial Latin America</td>
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<td>HIS 362</td>
<td>Survey of Latin America</td>
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<td>HIS 371</td>
<td>Islamic Middle East</td>
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<td>HIS 372</td>
<td>Ancient Near East</td>
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<td>HIS 381</td>
<td>Modern China and Japan</td>
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<td>HIS 382</td>
<td>History of India and Southeast Asia</td>
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<td>HIS 473</td>
<td>Rise of Modern Israel</td>
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<td>GOV 381</td>
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<td>GOV 391</td>
<td>International Political Economy</td>
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<td>GOV 479</td>
<td>Readings in Government</td>
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<td>GOV 488</td>
<td>Model United Nations Internship</td>
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<td>MAT 232</td>
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<td>THE 303</td>
<td>Major Religions of the World</td>
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<tr>
<td>SOC 308</td>
<td>Cultural Anthropology</td>
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<td>ESL 413</td>
<td>Cross Cultural Communications</td>
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<td>Total</td>
<td>Degree Total</td>
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</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 English and Modern Languages Department has more information.

### INTERNATIONAL COMMUNITY DEVELOPMENT MAJOR (ICD)

#### Bachelor of Arts

**General Education**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (COMP 102, 303)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Foreign Language (2 semesters including 203)</td>
<td>6</td>
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</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
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<tr>
<td>Social Sciences (BUS 201)</td>
<td>3</td>
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<tr>
<td>Laboratory Science (EVR 250 plus one other laboratory science)</td>
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<td></td>
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<tr>
<td>Mathematics (MAT 232 or 151)</td>
<td>3</td>
<td></td>
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<tr>
<td>American History (HIS 101)</td>
<td>3</td>
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<tr>
<td>American Government (GOV 101)</td>
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<td>Humanities (HUM 101 plus three of the following: HUM 222, 233, 244, 301, 333, 250, 255, 260, 270)</td>
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<td>Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)</td>
<td>5</td>
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</tr>
</tbody>
</table>

**General Education Total** 61

### SOCIAL STUDIES EDUCATION MAJOR (SOSE) WITH SECONDARY SCHOOL TEACHING LICENSURE

#### Bachelor of Arts

Students in this major should keep in close contact with the Social Studies Education faculty advisor to learn of any recent changes in state teaching certification requirements.

Students may earn licensure in a second subject/content area. The Oklahoma Commission for Teacher Preparation requires that 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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (COMP 102, 303)</td>
<td>6</td>
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<tr>
<td>Foreign Language (2 semesters including 203)</td>
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<td>Biblical Literature (BLIT 110, 120)</td>
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<tr>
<td>Theology (THE 103)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Social Sciences (SOC 323)</td>
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<td>Mathematics (MAT 151)</td>
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</tr>
<tr>
<td>Laboratory Science (1 biological and 1 physical)</td>
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<tr>
<td>Health (HUM 101 plus three of the following: HUM 222, 233, 244, 301, 333, 250, 255, 260, 270)</td>
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<td>Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives)</td>
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</table>

**General Education Total** 54.5

### LEADERSHIP STUDIES MAJOR (LEAD/LDRS)

#### Bachelor of Arts

Students interested in this major may take the coursework on campus (LEAD) or opt to follow the degree completion option (LDRS). Both paths have general education courses (61 hours for residential LEAD students and 60 hours for degree completion LDRS students); a major consisting of two areas of specialization (63 hours total); and electives (4 hours for LEAD students and 5 for LDRS students). Students choosing either option should consult with an advisor from the History, Humanities, and Government Department.

**General Education**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (COMP 102, 303)</td>
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<td></td>
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</tbody>
</table>

**General Education Total** 54.5

*At least one course must be chosen from list courses with asterisks.*
GOVERNMENT MINOR (GOVM)

Language Requirement: Arabic and English

Area #1 Leadership Studies
IS 301 Christian Worldview 3
IS 462 Needs Assessment 3

Area #2 International Relations
GOV 301 Introduction to Political Science 3
GOV 311 Introduction to International Relations 3

Area #3 History
HIS 371 Islamic Middle East 3
HIS 472 Twentieth Century Middle East 3

Minor Total 18

HUMANITIES MINOR (HUMM)

Humanities at ORU emphasizes a way of seeing and a method of studying human cultural expressions and activities. We believe that the worldview and resultant image of man that are widespread in a given time and place are the dominant forces that shape political theory and institutions, social and economic activities and patterns, and other cultural forms. In turn, these institutions, patterns, forms, and ideas modify the worldview in dynamic ways.

The humanities minor can help students grasp the interrelations in a culture among assumptions, ideas, and actions. Such a way of seeing can help parents, lawyers, teachers, pastors, businessmen, doctors, and missionaries understand the multiple forces that are shaping their own lives, the lives of their children, and the people whom they serve. The humanities minor can enrich the life and service of any person.

Area #1 Total 39
Area #2 Total 24

DEPARTMENTAL COURSES

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

GOVERNMENT

GOV 101 American Government and Politics
GOV 201 Introduction to Political Science
GOV 205 Political Science Research Methods
GOV 305 Comparative Government
GOV 311 International Relations
GOV 321 Legislative Process
GOV 322 Political Parties and Elections
GOV 323 American Political Leadership
GOV 331 Western Political Theory

Minor Total 18

*HONR 301 Faith and Civilization in Context"* (3 hrs.)
GOV 335 Christian Faith and Government: Theory
GOV 336 Christian Faith and Government: Practicum
GOV 341 Public Administration
GOV 370 Area Studies
GOV 381 American Foreign Policy
GOV 391 International Political Economy
GOV 450 American Jurisprudence
GOV 451 American Constitutional Law
GOV 452 Civil Liberties and Civil Rights
GOV 453 Criminal Procedure
GOV 454 Judicial Policy and Process
GOV 461 Public Policy Analysis
GOV 479 Readings in Government
GOV 487 Oklahoma Intercollegiate Legislature Internship
GOV 488 Model United Nations Internship
GOV 489 American Studies Internship
GOV 499 Senior Paper/Project
GOV 999 Elective

HISTORY
HIS 101 American History Survey
HIS 201 Historiography
HIS 310 Oklahoma History
HIS 323 The Middle Ages and the Reformation, 476-1650
HIS 324 Modern Europe, 1815 to Present
HIS 340 Colonial America to Early National, 1607 to 1830
HIS 343 Civil War and Reconstruction U.S., 1830-1877
HIS 344 Early Modern United States, 1877-1929: Gilded Age to World War I
HIS 345 United States Since 1929 Intellectual History
HIS 351 Evangelical and Charismatic Christianity in America
HIS 361 Colonial Latin America
HIS 362 Survey of Latin America
HIS 371 Islamic Middle East
HIS 372 Ancient Near East
HIS 381 Modern China and Japan
HIS 382 History of India and Southeast Asia
HIS 425 Eastern European History
HIS 469 The Caribbean, Mexico, and Central America
HIS 472 Twentieth Century Middle East
HIS 473 The Rise of Modern Israel
HIS 477 Secondary Methods: Social Studies
HIS 479 Readings in History
HIS 483 Contemporary Asia, 1945 to Present
HIS 490 History Seminar
HIS 491 History Internship
HIS 499 Senior Paper/Project
HIS 999 Elective

HUMANITIES
HUM 101 Humanities: Introduction to Humanities
HUM 111 Introduction to Humanities I
HUM 112 Introduction to Humanities II
HUM 213 Modern Humanities I
HUM 214 Modern Humanities II
HUM 222 Ancient and Medieval Humanities
HUM 233 Renaissance and Enlightenment Humanities
HUM 244 Romantic and Modern Humanities
HUM 250 Art History I
HUM 255 Art History II
HUM 260 Music Appreciation
HUM 270 Introduction to Theatre
HUM 300 Cultural Periods
HUM 301 Christian Worldview and Culture
HUM 333 Humanities Travel Studies
HUM 350 Area Studies
HUM 400 Major Figures
HUM 450 Thematic Readings
HUM 490 Integrative Seminar
HUM 999 Elective

INTERNATIONAL STUDIES
IS 301 Christian Worldview
IS 350 Internship in International Studies
IS 361 Foundations of International/Community Development
IS 370 Problems in International/Community Development
IS 391 Seminar in International/Community Development
IS 462 Needs Assessment and Program Evaluation
IS 499 Senior Seminar and Paper
IS 999 Elective

LEADERSHIP STUDIES
LEAD 399 Leadership Studies Practicum
LEAD 499 Senior Paper in Leadership Studies
LEAD 999 Elective

MUSIC DEPARTMENT
J. Randall Guthrie, D.M.A., Chair

MISSION STATEMENT: Within a Christian, charismatic environment, the primary mission of the Music Department is to provide students with an excellent undergraduate foundation in music, as well as a strong emphasis on music's past, present, and future prospects. In this context, the general purposes of the department are (1) to provide opportunities for students to develop their music capabilities and interests through the use of music as a socializing force, as an aid to compassionate understanding of themselves and their environment and as an avenue of self-expression; (2) to stimulate an appreciation and love for music through the study of its various disciplines; (3) to develop techniques for mature evaluation of musical standards; (4) to give an adequate background for further study in graduate schools; (5) to cultivate tools for teaching in public and private schools, teaching in private studios, performing in professional music organizations, and working in related music fields; and (6) to prepare for various church ministries as well as the Oral Roberts ministries.

OVERVIEW

The Music Department of Oral Roberts University offers a wide variety of music programs ranging from instrumental and vocal to technology and worship. The ORU Music Department is accredited through the National Association of Schools of Music (NASM).

DEGREE PROGRAMS

The Music Department offers four degree programs: the bachelor of arts (music arts major), the bachelor of music (music composition, music performance, and sacred music majors), the bachelor of music education (music education major), and a bachelor of science degree (worship arts major).

These degree programs involve all of the significant areas of music study, such as music theory, sight singing and ear training, history and literature of music, music-teaching methods, and all fields of applied music and performance. Technology-related concentrations are also available in both the music arts major and the music composition major.

Music Arts (B.A.)

Students with this major choose to specialize in either arts or technology. Students selecting the technology concentration spend one semester of their junior year at The Recording Workshop in Chillicothe, Ohio, an education complex that specializes in training audio engineers.

Music Composition (B.M.)

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

Music Performance (B.M.)

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

Sacred Music (B.M.)

Students in this major study traditional and contemporary Christian music for worship, including church music literature, hymnology, conducting, songwriting, and church music administration.

Worship Leadership (B.S.)

Students in this major study the history and practice of worship and complete an internship in a local church under a worship pastor.

Music Education (B.M.E.)

Students seeking licensure to teach at the K-12 levels need to complete the music education major, which leads to standard certification. Students interested in a teaching license should work closely with the music education advisor in the Music Department as well as with the ORU College of Education.

ENROLLMENT INFORMATION

Admission Requirements

Prospective students must meet the general admission requirements for Oral Roberts University described in the university catalog. Admission to the music program requires a separate application with the Music Department and an audition. Applicants will be notified of their acceptance to the university by the Admissions Office; they will be notified of acceptance (via letter) as a music major or minor by the Music Department after their audition.

Performance

Music majors must demonstrate continuous growth in ability to perform on a major instrument. Recitals are regularly presented, affording students opportunities to appear as soloists. As with all ORU seniors, music majors are required to prepare a culminating activity: a recital, project, paper, or an internship. Performance majors present a full recital in the senior year, after successfully presenting a half recital in the junior year. Sacred music majors complete a junior recital in the junior year and an internship during the senior year.

Bachelor of music composition majors make several presentations of original compositions in junior and senior recitals. A bachelor of arts candidate prepares a senior project, paper, or recital. Music education majors may elect to present a music education recital or a senior/project, each for two credit hours. A lecture recital option is also available and does not require a junior recital as a prerequisite.
Music majors must participate in a performance group approved by the department for every semester they are enrolled as music majors. Piano, organ, and guitar primaries may select either an approved vocal or instrumental organization.

Grade Requirements
All courses in the major, concentration, and cognate must be passed with at least a "C."

Music Seminar
All music majors must enroll and successfully complete at least 2 credit hours of MUS 099 Music Seminar, but must be enrolled in and ear at least a "C" in the class for seven semesters; minors must pass for four semesters. After the 2 credit hours are attained, MUS 099 is taken for 0 credit. As part of the requirement, music majors and minors must attend a designated number of recitals and concerts. Transfer music majors must earn at least a "C" in Music Seminar every semester they are enrolled as majors (a minimum of four semesters and up to seven semesters). Transfer music minors must pass Music Seminar at ORU for at least two semesters. If they attend ORU for three semesters, they must pass Music Seminar for all three semesters, and if they attend ORU for four or more semesters, they must pass Music Seminar for four semesters.

Proficiency
All students majoring in music, including transfer students, must pass the ORU piano proficiency and music vocabulary proficiency. Advisors acquaint their advisees with the requirements of these proficiency examinations and, if necessary, may recommend remedial work in piano class to assist them with the piano proficiency. All bachelor of music education candidates must pass a guitar proficiency in addition to the piano and vocabulary proficiencies before they can begin student teaching.

Fees
Each semester, an inclusive $250 fee is charged all music majors. Music majors taking any applied lessons that are not required in the degree plan are assessed an additional fee of $250 per semester-hour credit. Non-music majors who take applied lessons are assessed a $250 applied music lesson fee for each credit hour taken (e.g., $500 for two credit hours). Two additional fees include the Music Instrument Use Fee, which is a $55 fee charged each semester for the use of university-owned musical instruments and equipment, and the Music Ensemble Fee, a $40 fee charged each semester to each student enrolled in an ensemble.

Clubs and Organizations
Mu Phi Epsilon. As a chapter of the International Music Fraternity, this group promotes the advancement of music and scholarship in America.

Collegiate Music Educators National Conference (CMENC). This organization focuses on music education but is open to all music majors. It sponsors many of the music activities that occur on and off campus and is a great networking tool for any person who desires a career in music.

Special Opportunities
Music Arts students who choose the technology concentration (MTC) spend a semester of their junior year at The Recording Workshop in Chillicothe, Ohio, an education complex that specializes in training audio engineers. The Recording Workshop’s primary educational goal is to teach the creative operation of professional audio recording equipment. Students experience this teaching by spending extensive time in audio control rooms at the complex.

Music students may also choose to spend a semester at the Contemporary Music Center on Martha’s Vineyard in Massachusetts. The program offers students the opportunity to study and work with faculty and music industry experts who share an interest in making and marketing contemporary music. The program is for any student considering a career in the music industry, both the art and the business. An intensive experience in Nashville is included. Department approval is required to receive credit.

Awards and Scholarships
Outstanding Student Awards. In recognition of scholarship, leadership, and ORU lifestyle commitment, the Music Department annually honors graduates of the recording industry, both the art and the business. An intensive experience in Nashville is included. Department approval is required to receive credit.

MUSIC ARTS MAJOR (MUA)
Bachelor of Arts
Students choosing the technology concentration spend one semester of their junior year at The Recording Workshop in Chillicothe, Ohio. MTC students must pass MUS 101 and 103 before progressing into music technology classes beyond MUS 105.

General Education Credit Hours
Whole Person Assessment (GEN 099) 0
English (COMP 102, 303) 6
Foreign Language (2 semesters including 203; French or German recommended) 6
Oral Communication (COM 101) 3
Biblical Literature (BLIT 110, 120) 6
Theology (THE 103) 3
Mathematics 3
Laboratory Sciences 8
American History (HIS 101) 3
American Government (GOV 101) 3
Social Sciences (MUS 208) 3
Humanities (HUM 101, 301 plus two of the following: HUM 222, 233, 244, 333, 250, 255, 270, ART 103, ART 104, DRAM 215, COMP 101) 12
Health, Physical Education, and Recreation 4.5-5
(one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)

General Education Total 60.5-61

SCHOLARSHIPS
Music students may receive the following scholarships:

1. MUS 026-047 Applied Music: Primary
   - MUS 066 Oratorio Chorus (4 semesters) 0
   - MUS 099 Music Seminar (7 semesters of C or better) 2
2. MUS 105 Introduction to Music Technology
   - CHIL 400 Introduction to Sound Reinforcement* 2
3. MUS 412 Music Technology Practicum (3 hrs.)
   - CHIL 405 New Tech Audio Production* (1 hr.) 1
4. MUS 333 Conducting I 2
5. Choice of elective from sacred music or composition technology courses or from the following list: MUS 201, 301, 302, 443, 444
6. MUS 025 Audio Workstation (1 hr.)
7. MUS 049 Audio Workstation (Jury) (2 hrs.)
8. MUS 310 Studies in Advanced Music Technology (3 hrs.)
9. MUS 313 Sequencing and Digital Audio (3 hrs.)
10. MUS 315 Music Rich Media (3 hrs.)
11. MUS 412 Music Technology Practicum (3 hrs.)
12. CHIL 404 Advanced Audio Recording* (1 hr.)
13. CHIL 405 New Tech Audio Production* (1 hr.)

SMC 400 Communications Internship**

Arts Concentration Total 30

**For music arts concentration only.
**For music technology concentration only

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

Arts Concentration (MAC)
MUS 026-047 Applied Music: Primary
- MUS Performance Groups (MUS 086 8
- MUS 061-065, 067-075, 080-081) 8
- MUS 105 Introduction to Music Technology 1
- MUS 205 History and Literature of Music I 4
- MUS 206 History and Literature of Music II 4
- MUS 333 Conducting I 2
- Choice of elective from sacred music or composition technology courses or from the following list: MUS 201, 301, 302, 443, 444

Arts Concentration Total 30

Technology Concentration (MTC)
MUS 026-047 Applied Music: Primary
- MUS Performance Groups (MUS 086 7
- MUS 061-065, 067-075, 080-081) 7
- MUS 105 Introduction to Music Technology 1
- CHIL 400 Introduction to Sound Reinforcement* 2
- CHIL 401 Studio Recording and Music Production I* 3
- CHIL 403 Recording Studio Maintenance* 1
- Choice of six hours from the following: 6
  - MUS 025 Audio Workstation (1 hr.)
  - MUS 049 Audio Workstation (Jury) (2 hrs.)
  - MUS 310 Studies in Advanced Music Technology (3 hrs.)
  - MUS 313 Sequencing and Digital Audio (3 hrs.)
  - MUS 315 Music Rich Media (3 hrs.)
  - MUS 412 Music Technology Practicum (3 hrs.)
  - CHIL 404 Advanced Audio Recording* (1 hr.)
  - CHIL 405 New Tech Audio Production* (1 hr.)

Technology Concentration Total 30

Minor 18
Electives 8

Degree Total 129.5-130

*Courses with a CHIL prefix are offered only at the Recording Workshop in Chillicothe, Ohio.
**If three hours are taken, one counts toward elective hours.
### General Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (COMP 102, 303)</td>
<td>6</td>
</tr>
<tr>
<td>Foreign Language (French or German)</td>
<td>3</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</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 or Mathematics</td>
<td>3-4</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 (MUS 208)</td>
<td>3</td>
</tr>
<tr>
<td>History and Literature of Music (MUS 205, 206)</td>
<td>8</td>
</tr>
<tr>
<td>Humanities (HUM 101, plus one of the following:)</td>
<td>6</td>
</tr>
<tr>
<td>HUM 222, 233, 244, 301, 333</td>
<td></td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)</td>
<td>5</td>
</tr>
</tbody>
</table>

**General Education Total**: 52-63

### Major

**Bachelor of Music**

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 026-047 Applied Music: Primary</td>
<td>6</td>
</tr>
<tr>
<td>MUS 048 Applied Music: Composition</td>
<td>6</td>
</tr>
<tr>
<td>MUS Performance Groups (MUS 086)</td>
<td>8</td>
</tr>
<tr>
<td>MUS 061-065, 067-075, 080-081</td>
<td></td>
</tr>
<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>3-6</td>
</tr>
<tr>
<td>MUS 201 Harmony, Sight Singing, and Ear Training III</td>
<td>3</td>
</tr>
<tr>
<td>MUS 202 Harmony, Sight Singing, and Ear Training IV</td>
<td>3</td>
</tr>
<tr>
<td>MUS 301 Introduction to Music Technology</td>
<td>3</td>
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<tr>
<td>MUS 302 Form and Analysis</td>
<td>2</td>
</tr>
<tr>
<td>MUS 333 Conducting I</td>
<td>2</td>
</tr>
<tr>
<td>MUS 399 Senior Recital</td>
<td>2</td>
</tr>
<tr>
<td>MUS 401 Principles of Counterpoint</td>
<td>2</td>
</tr>
<tr>
<td>PRF 100 Piano Proficiency</td>
<td>0</td>
</tr>
<tr>
<td>PRF 101 Music Vocabulary Proficiency</td>
<td>0</td>
</tr>
<tr>
<td>MUS 001-023, 125-128, 301, 333</td>
<td></td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)</td>
<td>5</td>
</tr>
</tbody>
</table>

**Non-Vocal General Education Total**: 52-53

**Vocal General Education Total**: 55-56

### Composition Concentration (MUCO)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 335 Composition I</td>
<td>2</td>
</tr>
<tr>
<td>MUS 337 Composition: Small Ensembles</td>
<td>3</td>
</tr>
<tr>
<td>MUS 338 20th Century Composition Materials</td>
<td>3</td>
</tr>
<tr>
<td>MUS 421 Senior Recital</td>
<td>3</td>
</tr>
<tr>
<td>MUS 431 Composition: Advanced Studies--Ensemble</td>
<td>3</td>
</tr>
</tbody>
</table>

**Composition Concentration Total**: 14

### Composition/Technology Concentration (MUTC)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 335 Composition I</td>
<td>2</td>
</tr>
<tr>
<td>Choice of one of the following courses:</td>
<td></td>
</tr>
<tr>
<td>MUS 421 Senior Recital</td>
<td>3</td>
</tr>
<tr>
<td>MUS 499 Senior Paper/Project</td>
<td>3</td>
</tr>
<tr>
<td>Choice of three of the following courses:</td>
<td>9</td>
</tr>
<tr>
<td>MUS 310 Studies in Advanced Music Technology*</td>
<td>2</td>
</tr>
<tr>
<td>MUS 313 Sequencing and Digital Audio</td>
<td>2</td>
</tr>
<tr>
<td>MUS 315 Music Rich Media</td>
<td>2</td>
</tr>
<tr>
<td>MUS 412 Music Technology Practicum</td>
<td>2</td>
</tr>
</tbody>
</table>

**Technology Concentration Total**: 14

**Electives**: 11

**Degree Total**: 131-132

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

### Instrumental Concentration (MPIC)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 031-047 Applied Music: Primary</td>
<td>12</td>
</tr>
<tr>
<td>MUS 001-023, 125-128, 131, 135, 136</td>
<td>4</td>
</tr>
<tr>
<td>Applied Music: Secondary</td>
<td></td>
</tr>
<tr>
<td>MUS 326 Instrumental Pedagogy/Repertoire</td>
<td>1</td>
</tr>
<tr>
<td>MUS 341 Brass and Percussion Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 342 Woodwind Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 399 Junior Recital</td>
<td>2</td>
</tr>
<tr>
<td>MUS 421 Senior Recital</td>
<td>3</td>
</tr>
<tr>
<td>MUS 441 String Instruments Class</td>
<td>1</td>
</tr>
</tbody>
</table>

**Instrumental Concentration Total**: 25

### Keyboard Concentration (MKC)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>MUS 028-027 Applied Music: Primary</td>
<td>12</td>
</tr>
<tr>
<td>MUS 004-023, 131, 135-136</td>
<td>4</td>
</tr>
<tr>
<td>Applied Music: Secondary</td>
<td></td>
</tr>
<tr>
<td>MUS 327 Keyboard Pedagogy and Repertoire</td>
<td>1</td>
</tr>
<tr>
<td>MUS 341 Brass and Percussion Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 342 Woodwind Instruments</td>
<td>1</td>
</tr>
<tr>
<td>MUS 399 Junior Recital</td>
<td>2</td>
</tr>
<tr>
<td>MUS 421 Senior Recital</td>
<td>3</td>
</tr>
<tr>
<td>MUS 441 String Instruments Class</td>
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</table>

**Keyboard Concentration Total**: 25

### Vocal Concentration (MVC)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MUS 029 Applied Music: Primary</td>
<td>12</td>
</tr>
<tr>
<td>MUS 009 125-128, 135-136</td>
<td>4</td>
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<tr>
<td>Applied Music: Secondary</td>
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<tr>
<td>MUS 241 Phonetics</td>
<td>1</td>
</tr>
<tr>
<td>MUS 242 Diction for Singers</td>
<td>2</td>
</tr>
<tr>
<td>MUS 325 Vocal Pedagogy and Repertoire</td>
<td>1</td>
</tr>
<tr>
<td>MUS 399 Junior Recital</td>
<td>2</td>
</tr>
<tr>
<td>MUS 421 Senior Recital</td>
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</tbody>
</table>

**Vocal Concentration Total**: 25

**Electives**: Non-vocal majors 12, Vocal majors 11

**Degree Total**: 128-129

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

**Bachelor of Music**

### Instrumental Concentration (MUTC)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MUS 026-047 Applied Music: Primary</td>
<td>6</td>
</tr>
<tr>
<td>MUS 048 Applied Music: Composition</td>
<td>6</td>
</tr>
<tr>
<td>MUS Performance Groups (MUS 086)</td>
<td>8</td>
</tr>
<tr>
<td>MUS 061-065, 067-075, 080-081</td>
<td></td>
</tr>
<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>
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</tbody>
</table>

**Non-Vocal General Education Total**: 52-53

**Vocal General Education Total**: 55-56

### Major

**Performance Major (MUP)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Performance Groups (MUS 086)</td>
<td>8</td>
</tr>
<tr>
<td>MUS 061-065, 067-075, 080-081</td>
<td></td>
</tr>
<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>
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</tbody>
</table>

**Non-Vocal General Education Total**: 52-53

**Vocal General Education Total**: 55-56

### Major

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS Performance Groups (MUS 086)</td>
<td>8</td>
</tr>
<tr>
<td>MUS 061-065, 067-075, 080-081</td>
<td></td>
</tr>
<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>
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</table>

**Non-Vocal General Education Total**: 52-53

**Vocal General Education Total**: 55-56

### Degree Total

**Bachelor of Music**: 128-129
## SACRED MUSIC MAJOR (MULW)

**Bachelor of Music**

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
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<tr>
<td>English (COMP 102, 303)</td>
<td>6</td>
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<tr>
<td>Oral Communication (COM 101)</td>
<td>3</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 (MAT 151)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science (BIO, PSC, PHY, CHE)</td>
<td>8</td>
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<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences (MUS 208)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 101)</td>
<td>3</td>
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<tr>
<td>Humanities (DRAM 215 or HUM 270)</td>
<td>3</td>
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<tr>
<td>Humanities (MUS 300 or HUM 260)</td>
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<tr>
<td>Humanities (choice of one of the following: HUM 222, 233, 244, 301, 333)</td>
<td>5</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)</td>
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**General Education Total** 55

<table>
<thead>
<tr>
<th>Major</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MUS 001 Piano (1 hr.)</td>
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<tr>
<td>MUS 004 Voice (1 hr.)</td>
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<tr>
<td>MUS 005 Guitar (1 hr.)</td>
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<tr>
<td>Performance Groups (MUS 086 MUS 061-065, 067-075, 080-081)</td>
<td>8</td>
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<tr>
<td>Oratorio Chorus (4 semesters)</td>
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<tr>
<td>Harmony I</td>
<td>2</td>
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<tr>
<td>Harmony II</td>
<td>2</td>
</tr>
<tr>
<td>Sight Singing and Ear Training I</td>
<td>2</td>
</tr>
<tr>
<td>Sight Singing and Ear Training II</td>
<td>2</td>
</tr>
<tr>
<td>Introduction to Music Technology</td>
<td>1</td>
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<tr>
<td>Contemporary Music Theory/Lead Chart Notation</td>
<td>3</td>
</tr>
<tr>
<td>Songwriting and Arranging</td>
<td>2</td>
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<tr>
<td>Conducting I</td>
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<tr>
<td>Elective</td>
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<tr>
<td>Piano Proficiency</td>
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<tr>
<td>Music Vocabulary Proficiency</td>
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<tr>
<td>Conducting I</td>
<td>2</td>
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<tr>
<td>Christian Leadership</td>
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<tr>
<td>Christian Leadership</td>
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<tr>
<td>Teaching the Bible</td>
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**Major Total** 36

<table>
<thead>
<tr>
<th>Cognate</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>DRAM 204 Playwriting in the Church</td>
<td>3</td>
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<tr>
<td>DRAM 205 Fundamentals of Acting</td>
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<tr>
<td>DRAM 216 Introduction to Technical Production</td>
<td>3</td>
</tr>
<tr>
<td>DRAM 336 Directing</td>
<td>3</td>
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<tr>
<td>MUS 098 Seminar for Worship Majors</td>
<td>1</td>
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<tr>
<td>MUS 309 Biblical Foundations of Worship</td>
<td>3</td>
</tr>
<tr>
<td>MUS 417 The Worship Service: Design and Function</td>
<td>3</td>
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<tr>
<td>MUS 420 Worship Practicum</td>
<td>3</td>
</tr>
<tr>
<td>MUS 451 Church Music Administration</td>
<td>3</td>
</tr>
<tr>
<td>MUS 452 Music and Worship in the Charismatic/Evangelical Church</td>
<td>3</td>
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<tr>
<td>Prayer-Based Ministry in the 21st Century</td>
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<tr>
<td>Cognate Total</td>
<td>31</td>
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</table>

<table>
<thead>
<tr>
<th>Electives</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRF 100 Piano Proficiency</td>
<td>0</td>
</tr>
<tr>
<td>PRF 101 Music Vocabulary Proficiency</td>
<td>0</td>
</tr>
<tr>
<td>Electives</td>
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</tr>
</tbody>
</table>

**Degree Total** 128

---

## MUSIC EDUCATION MAJOR (MUE)

### WITH K-12 TEACHING LICENSURE

**Bachelor of Music Education**

Students seeking licensure to teach at the K-12 levels need to complete the music education major, which leads to standard certification. Students interested in teaching license should work closely with the music education advisor in the Music Department as well as with the ORU College of Education.

Students in the music education major choose a concentration in either vocal (MEVC) or instrumental (MIEC) music. Students may earn licensure in a second subject/content area or may earn both vocal and instrumental licensure.

The Oklahoma Commission for Teacher Preparation requires the OSAT/OPTE test(s) be passed in order to obtain a license in an additional subject/content area. Students interested in completing coursework toward additional licensing should consult with the music education advisor and the advisor in the second subject area.

**General Education**

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (COMP 102, 303)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication* (COM 101)</td>
<td>3</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 (MAT 151)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science (1 biological, 1 physical)</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>Foreign Language Proficiency PRF 001 (exam or 102 level of a foreign language class)</td>
<td>0</td>
</tr>
<tr>
<td>Social Sciences (MUS 208)</td>
<td>3</td>
</tr>
<tr>
<td>History and Literature of Music (MUS 205, 206)</td>
<td>8</td>
</tr>
<tr>
<td>Humanities (HUM 101, plus one of the following: HUM 222, 233, 244, 301, 333)</td>
<td>6</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**General Education Total** 72

---

**MUS 455 Church Music Literature | 1**

**MUS 490 Church Music Practicum | 3**

**PRF 100 Piano Proficiency | 0**

**PRF 101 Music Vocabulary Proficiency | 0**

**Major Total | 72**

**Electives | 10**

**Degree Total | 131-132**
MUS 302 Orchestration 2
MUS 333 Conducting I 2
PRF 100 Piano Proficiency 2
PRF 101 Music Vocabulary Proficiency 2
PRF 102 Guitar Proficiency 2
MUS Concentration (MEIC or MEVC) 26
Choice of one of the following two senior courses*: 2
MUS 421 Senior Recital
MUS 499 Senior Paper/Project

Major Total 49

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

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

Instrumental Concentration (MEIC)
MUS 001, 125-128 Applied Music: Secondary 2
MUS 033-047 Applied Music: Primary 10
Orchestral Instrument (5 semesters)
MUS 065, 067 Performance Groups 7
MUS 341 Brass and Percussion Instruments 1
MUS 342 Woodwind Instruments 1
MUS 441 String Instruments 1
MUS 442 Advanced String Instruments 1
MUS 444 Conducting II: Instrumental 2
Choice of one of the following: 1
MUS 004 Applied Music: Voice (1 hr.)
MUS 029 Applied Music: Voice (2 hrs.)
MUS 131 Class Voice (1 hr.)
MUS 325 Voice Pedagogy and Repertoire (1 hr.)

Instrumental Concentration Total 26

Vocal Concentration (MEVC)
Choice of one of the following two applied courses: 10
MUS 026 Applied Music: Piano
MUS 029 Applied Music: Voice
Choice of one of the following secondary courses: 2
MUS 001, 125-128 Applied Music: Piano
MUS 004, 131 Applied Music: Voice
MUS 061-064 Performance Groups: 7
MUS 242 Diction for Singers 2
MUS 341 Brass and Percussion Instruments 1
MUS 342 Woodwind Instruments 1
MUS 441 String Instruments 1
MUS 443 Conducting II—Choral 2

Vocal Concentration Total 26

Professional Education
PED 100 Education Seminar (every semester) 0
Choice of the following two field-based courses: 1
PED 111 Field-Based Experience (Elementary)*
PED 121 Field-Based Experience (Secondary)*
PED 203 Foundations and Methods of Education*
PED 222 School Health Care 1
PED 305 Pedagogy I 4
PED 306 Pedagogy II 4
PED 361 Professional Education Seminar/Portfolio 0
MEIC or MEVC courses based on concentration: 2
MUS 241 Phonetics for Singers (MEVC)
MUS 326 Instrumental Pedagogy and Repertoire (MEIC)
MUS 329 Band Pageantry (MEIC)

Musical Education Total 30

Degree Total 135.5

*Must earn a “C” or higher in this course.

Music Minor (MUM)

Requirements for students majoring in another discipline are a minimum of 18 semester hours selected from the courses listed in each of the areas below. Students may take more hours than required in each area. Transfer students must take at least nine of the hours at ORU.

Area Credits
Music Theory 3-8
MUS 100 Fundamentals of Music (3 hrs.)
MUS 101/103 Harmony I/Sight Singing (4 hrs.)
MUS 102/104 Harmony II/Sight Singing (4 hrs.)

Music History/Literature 3-8
MUS 205 History and Literature of Music I (4 hrs.)
MUS 206 History and Literature of Music II (4 hrs.)
MUS 300 Music Appreciation (3 hrs.)

Applied Music 3-5
MUS 001-023 Applied Music (fee) (1 hr.)
MUS 124-128 Class Piano (1 hr.)
MUS 135-136 Class Guitar I-II (1 hr.)
MUS 131 Class Voice (1 hr.)

Performance Groups 3-5
MUS 061-065, 067-075, 080-081, 086 Chamber Singers
University Chorale
Orchestra
Wind Ensemble
Jazz Ensemble
Jazz Combo

Music Seminar 2
MUS 099 Music Seminar (.5 hr.)

Electives 0-6
MUS 207 Guitar Skills and Improvisation (2 hrs.)
MUS 208 Music in World Cultures (3 hrs.)
MUS 210 Keyboard Skills and Improvisation (2 hrs.)
MUS 241 Phonetics for Singers (1 hr.)
MUS 242 Diction for Singers (2 hrs.)
MUS 320 Songwriting and Arranging (2 hrs.)
MUS 341 Brass and Percussion Class (1 hr.)
MUS 342 Woodwind Class (1 hr.)
MUS 350 Hymnology (2 hrs.)
MUS 351 Service Playing (2 hrs.)
MUS 441 String Instruments (1 hr.)

Minor Total 18

Music Technology Minor (MTM)

Requirements for a minor for students majoring in another discipline are a minimum of 18 semester hours

Applied Music
MUS 300 Music Appreciation (3 hrs.)
MUS 333 Conducting I 2
MUS 421 Senior Recital
MUS 499 Senior Paper/Project

Professional Education Total 30

Degree Total 135.5

*Must earn a “C” or higher in this course.

Music Minor (MUM)

Requirements for students majoring in another discipline are a minimum of 18 semester hours

Area Credits
Music Theory 3-8
MUS 100 Fundamentals of Music (3 hrs.)
MUS 101/103 Harmony I/Sight Singing (4 hrs.)
MUS 102/104 Harmony II/Sight Singing (4 hrs.)

Music History/Literature 3-8
MUS 205 History and Literature of Music I (4 hrs.)
MUS 206 History and Literature of Music II (4 hrs.)
MUS 300 Music Appreciation (3 hrs.)

Applied Music 3-5
MUS 001-023 Applied Music (fee) (1 hr.)
MUS 124-128 Class Piano (1 hr.)
MUS 135-136 Class Guitar I-II (1 hr.)
MUS 131 Class Voice (1 hr.)

Performance Groups 3-5
MUS 061-065, 067-075, 080-081, 086 Chamber Singers
University Chorale
Orchestra
Wind Ensemble
Jazz Ensemble
Jazz Combo

Music Seminar 2
MUS 099 Music Seminar (.5 hr.)

Electives 0-6
MUS 207 Guitar Skills and Improvisation (2 hrs.)
MUS 208 Music in World Cultures (3 hrs.)
MUS 210 Keyboard Skills and Improvisation (2 hrs.)
MUS 241 Phonetics for Singers (1 hr.)
MUS 242 Diction for Singers (2 hrs.)
MUS 320 Songwriting and Arranging (2 hrs.)
MUS 341 Brass and Percussion Class (1 hr.)
MUS 342 Woodwind Class (1 hr.)
MUS 350 Hymnology (2 hrs.)
MUS 351 Service Playing (2 hrs.)
MUS 441 String Instruments (1 hr.)

Minor Total 18

Music Technology Minor (MTM)

Requirements for a minor for students majoring in another discipline are a minimum of 18 semester hours

Area Credits
Music Theory 3-8
MUS 100 Fundamentals of Music (3 hrs.)
MUS 101/103 Harmony I/Sight Singing (4 hrs.)
MUS 102/104 Harmony II/Sight Singing (4 hrs.)

Music History/Literature 3-8
MUS 205 History and Literature of Music I (4 hrs.)
MUS 206 History and Literature of Music II (4 hrs.)
MUS 300 Music Appreciation (3 hrs.)

Applied Music 3-8
MUS 001-023 Applied Music (1 hr.)
MUS 124-128 Class Piano (1 hr.)
MUS 135-136 Class Guitar I-II (1 hr.)
MUS 131 Class Voice (1 hr.)

Performance Groups 4-5

Electives 0-4
MUS 207 Guitar Skills and Improvisation (2 hrs.)
MUS 208 Music in World Cultures (3 hrs.)
MUS 210 Keyboard Skills and Improvisation (2 hrs.)
MUS 241 Phonetics for Singers (1 hr.)
MUS 242 Diction for Singers (2 hrs.)
MUS 320 Songwriting and Arranging (2 hrs.)
MUS 341 Brass and Percussion Class (1 hr.)
MUS 342 Woodwind Class (1 hr.)
MUS 350 Hymnology (2 hrs)
MUS 351 Service Playing (2 hrs.)
MUS 441 String Instruments (1 hr.)
MUS 451 Church Music Administration (3 hrs.)
MUS 452 Music and Worship in the Charismatic/Evangelical Church (3 hrs.)
MUS 455 Church Music Literature (1 hr.)

Minor Total 18

Worship Leadership Minor (MWLM)

The worship leadership minor contains classes in worship, improvisation, worship planning, songwriting and arranging, and leadership. Noted worship leaders participate in workshops to complement classes in the minor. Entrance requirements include an application, vocal audition, and a personal interview.
Area
Music Theory
Choice of the following courses: 3-4
- MUS 100 Fundamentals of Music (3 hrs.)
- MUS 101 Harmony I (2 hrs.)
- MUS 103 Sight Singing and Ear Training I (2 hrs.)

Applied Music
CHOICE OF APPLIED COURSES: 3
- MUS 001-023 Applied Music (piano, voice, or guitar recommended)
- MUS 124-128 Class Piano
- MUS 131 Class Voice
- MUS 135-136 Class Guitar

Performance Groups
MUS Performance Groups (MUS 086 MUS 061-065, 067-075, 080-081) 2
- MUS 066 Oratorio Chorus (2 semesters) 0-1
- MUS 089 Contemporary Music Ministry Ensemble 2

Additional Courses
- MUS 451 Church Music Administration 3
- MUS 452 Music and Worship in the Charismatic/Evangelical Church 3
- Choice of one of the following two courses: 2
- MUS 207 Guitar Skills and Improvisation
- MUS 210 Keyboard Skills and Improvisation

Minor Total 18

Fine Arts Technology

MINOR (FATM)
Students choose a total of 18 hours, nine from each of two areas. At least one course from each area must be 300 or 400 level. To have a fine arts technology minor, students majoring in art, music, or multimedia must choose the two areas outside the major.

Art
- ART 101 Fundamentals of Art I 3
- ART 105 Color 3
- ART 213 Drawing 3
- ART 218 Graphic Design I 3
- ART 365 Digital Photography 3

Art Total 9

Communication Arts
Choice of three of the following courses: 9
- INT 201 Introduction to Interactive Media
- INT 301 Intermediate Interactive Media
- INT 401 Advanced Interactive Media
- TVF 228 Introduction to TV Production
- TVF 228 Principles of Audio Production
- TVF 317 Media Analysis
- TVF 318 Fundamentals of Scriptwriting

Communication Arts Total 9

Music
- MUS 300 Music Appreciation 3
- Choice of two of the following courses: 2
- MUS 081-085, 067-087 Performance Groups (0-1 hr.)
- MUS 011-023 Applied Music (1 hr.)
- MUS 131 Class Voice (1 hr.)
- MUS 135, 136 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.)

Applied Music (Primary Instrument or Voice)
- MUS 026 Piano (Jury)
- MUS 027 Organ (Jury)
- MUS 028 Harpsichord (Jury)
- MUS 029 Voice (Jury)
- MUS 031 Guitar (Jury)
- MUS 032 Harp (Jury)*
- MUS 033 Violin (Jury)
- MUS 034 Viola (Jury)
- MUS 035 Violoncello (Jury)
- MUS 036 Bass, Double and Electric (Jury)
- MUS 037 Flute (Jury)
- MUS 038 Oboe (Jury)
- MUS 039 Clarinet (Jury)
- MUS 040 Saxophone (Jury)
- MUS 041 Bassoon (Jury)
- MUS 042 French Horn (Jury)
- MUS 043 Trumpet (Jury)
- MUS 044 Trombone (Jury)
- MUS 045 Baritone Horn (Jury)
- MUS 046 Tuba (Jury)
- MUS 047 Percussion (Jury)

Departmental Courses

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

Applied Music (Secondary Instrument or Voice)
- MUS 001 Piano
- MUS 002 Organ
- MUS 003 Harpsichord
- MUS 004 Voice
- MUS 005 Guitar
- MUS 006 Harp
- MUS 007 Violin
- MUS 008 Viola
- MUS 009 Violoncello
- MUS 011 Bass, Double and Electric
- MUS 012 Flute
- MUS 013 Oboe
- MUS 014 Clarinet
- MUS 015 Saxophone
- MUS 016 Bassoon
- MUS 017 French Horn
- MUS 018 Trumpet
- MUS 019 Trombone
- MUS 021 Baritone Horn
- MUS 022 Tuba
- MUS 023 Percussion
- MUS 024 Composition
- MUS 025 Audio Workstation
- MUS 051 Arranging

Music
- MUS 048 Composition (Jury)
- MUS 049 Audio Workstation (Jury)
- MUS 059 Arranging (Jury)

Performance Groups
- MUS 081 Chamber Singers
- MUS 082 University Chorale
- MUS 085 Orchestra
- MUS 086 Oratorio Chorus
- MUS 087 Wind Ensemble
- MUS 073 Opera Theatre
- MUS 075 Jazz Ensemble
- MUS 077 Basketball Band
- MUS 080 Guitar Ensemble
- MUS 081 String Ensemble
- MUS 083 Brass Ensemble
- MUS 085 Vocal Jazz Ensemble
- MUS 086 Jazz Combo
- MUS 087 Bell Ensemble
- MUS 089 Contemporary Music Ministry Ensemble

Minor Total 18

*Musicians with a CHIL prefix are offered only at The Ohio State University and must be CHIL 200 or 300 level. See the Department of Music and Choreography catalog for list of courses.

** Courses with a CHIL prefix are offered only at The Ohio State University and must be CHIL 200 or 300 level. See the Department of Music and Choreography catalog for list of courses.

The Ohio State University
School of Arts and Cultural Studies
MUS 399  Junior Recital
MUS 401  Principles of Counterpoint
MUS 412  Music Technology Practicum
MUS 417  The Worship Service: Design and Function
MUS 420  Worship Internship
MUS 421  Senior Recital
MUS 426  Elementary Music Methods and Evaluation
MUS 427  Secondary Music Methods and Evaluation
MUS 431  Composition: Advanced Studies--Ensembles
MUS 441  String Instruments Class
MUS 442  Advanced String Instruments Class
MUS 443  Conducting II: Choral
MUS 444  Conducting II: Instrumental
MUS 451  Church Music Administration
MUS 452  Music and Worship in the Charismatic/Evangelical Church
MUS 455  Church Music Literature
MUS 461  Departmental Seminar
MUS 490  Church Music Practicum
MUS 499  Senior Project/Paper
MUS 999  Elective

Proficiencies
PRF 100  Piano Proficiency
PRF 101  Music Vocabulary Proficiency
PRF 102  Guitar Proficiency
PRF 104  Music Technology Proficiency
PRF 105  Voice Proficiency
C O L L E G E  O F  B U S I N E S S

Steven Greene, D.B.A., Dean

M I S S I O N  S T A T E M E N T: The College of Business at Oral Roberts University is firmly grounded in a concept of abundant life and the belief that all people are capable of finding prosperous living with God as their Source. The comprehensive integrated curriculum is designed to provide a business education with a commitment to the Christian way of life. The College of Business seeks (1) to graduate well-qualified professionals who provide expert leadership as corporate executives, entrepreneurs, government officials, counselors, nonprofit administrators, and teachers; and (2) to provide an education that enables business graduates to manage people and resources within the context of Christian love and Biblical principles of concern for the welfare of the whole person. To this end, students are challenged to develop a perspective of wholeness in their personal lives so that they might help their clients or students develop wholeness as a way of life.

F A C U L T Y

Ardith Baker.........Assistant Professor of Business
B.S., Pittsburg State University, 1980; M.S., Oklahoma State University, 1992.

Joe Cannon..........Assistant Professor of Management
B.S., Oklahoma State University, 1958; M.B.A., University of Oklahoma, 1962; J.D., Oklahoma City University, 1967.

Garrett Coble..........Assistant Professor of Marketing
B.S., Oklahoma State University, 2005; Ph.D., Oklahoma State University, 2010.

David A. Dyson.........Professor of Management

Bill Elliott.........Assistant Professor of Business
B.S., Oral Roberts University, 1970; M.S., Northeastern State University, 1977.

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

Steven Greene.........Professor of Marketing and Dean of the College of Business
B.A., Southeastern Louisiana University, 1975; M.B.A., 1978; D.B.A., Memphis State University, 1983

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

Mark Lewandowski.........Professor of Management
B.S., Oklahoma State University, 1988; M.B.A., 1992; Ph.D., Walden University, 1995.

Walt MacMillan.........Professor of Management
B.L.S., University of Oklahoma, 1992; M.S., Southern Nazarene University, 1994; Ph.D., Walden University, 1998.

Rinnie Martin.........Professor of Finance

James Russell.........Professor of Business and Chair of the Graduate Business Department
B.S., Oklahoma State University, 1973; M.S., 1978; Ph.D., Virginia Polytechnic Institute and State University, 1981.

Kevin Schneider..........Instructor

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

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

Marshal Wright.........Professor of Business and Chair of the Graduate Business Department
B.S., Oral Roberts University, 1983; J.D., Regent University, 1987; M.B.A., Oral Roberts University, 1989; Ph.D., Regent University, 2003.

E M E R I T U S  F A C U L T Y

Carol Wilson, 1975-2007

O V E R V I E W

The undergraduate program of the College of Business offers six undergraduate majors: accounting, business administration, finance, international business, management, and marketing. The program is designed to meet a broad array of student career objectives and interests. All majors and courses incorporate a Christian worldview. Graduates of the undergraduate business program have proven successful in a wide variety of fields. In addition, all undergraduate majors meet the leveling requirements for the Graduate School of Business Master of Business Administration (MBA) degree. If accepted into the fast-track program, entering freshmen may obtain their undergraduate and MBA degrees in five years.

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

U N D E R - G R A D U A T E  B U S I N E S S  D E P A R T M E N T

James Russell, Ph.D., Chair

D E G R E E  P R O G R A M S

The Undergraduate Business Department offers majors in business administration, accounting, finance, international business, management, and marketing. All of these majors also require cognate courses to supplement the major area of focus. Minors available through this department are general business and nonprofit business.

Accounting (B.S.)

The major in accounting is designed to prepare a student for professional accounting. When this specialization is combined with the broad foundation of the business concentration, the student has the potential of many opportunities within the business world. In order to meet the 150-hour requirement for CPA certification in most states, accounting majors are strongly encouraged to pursue the five-year professional MBA program.

Business Administration (B.S.)

Courses in business administration are for students seeking professional competence in business disciplines and are the basis for pursuit of graduate work in business. The business administration major is designed to provide background for young executives in business enterprise and industrial society. A broad background provides a basis for social understanding and appreciation of the interrelationships in business.

Students with this major may choose a minor in another discipline or a concentration in entrepreneurship.

Finance (B.S.)

The major in finance prepares a student for entry-level positions in finance. Specialization in finance is combined with the broad foundation of the business concentration. The basic courses offered cover corporate and personal areas. The necessary background for additional study of finance at the graduate level is also provided. The student majoring in finance is encouraged to enroll in the five-year professional program culminating in the M.B.A. degree.

Management (B.S.)

The major in management prepares students for management and leadership positions in either a corporate or an entrepreneurial setting. All management majors complete the general business foundational courses, along with the core management courses.

Management majors are encouraged to enroll in the five-year professional program culminating in the M.B.A. degree with a concentration in management.

Marketing (B.S.)

The marketing major prepares a student for entry-level positions in marketing. Specialization in marketing gives the student the depth needed to understand and be productive in a marketing-oriented economy. The basic courses offered cover the field of marketing in some breadth and also provide the background necessary for additional study of marketing at the graduate level. The marketing major is encouraged to enroll in the five-year professional program culminating in the M.B.A. degree.

Concentration in Entrepreneurship (ENC)

Students pursuing any undergraduate major in the College of Business may add an 18-hour concentration in entrepreneurship. For students in the business administration major, this concentration may substitute for the required minor. For students in any of the other majors, choosing to add the concentration will raise the hours for graduation above the 128 normally required.

Entrepreneurship Concentration (ENC)

MGT 421 Entrepreneurship
MGT 422 Small Business Basics
FIN 461 Capital Markets
Choice of three of the following courses:
MGT 372 Creative Thinking
MKT 333 Consumer Behavior
MKT 334 Promotional Management
MKT 346 Personal Selling
MKT 445 Marketing Research

Entrepreneurship Concentration Total 18
**Special Activities and Opportunities**

**Fast-Track Program**

The Fast Track Program allows ORU senior students to enroll concurrently in graduate courses and apply those hours toward a master’s degree. Students may register for a maximum of six semester hours of graduate courses per semester.

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

Students whose vision includes the earning of the Master of Business Administration or the Master of Not-for-Profit Management degree may reduce the time necessary to complete their study by enrolling in the Fast-Track Program. Approved students in undergraduate business programs may take up to 12 hours of graduate work while completing the baccalaureate program. A student who completes three or more hours may successfully finish a master’s degree in 9 additional months and thus save a semester. To participate, a student must make application with the College of Business and Oral Roberts University.

**Honor Student Medallion.** This award is given to an academically outstanding senior business student in the honors program.

**Scholarships**

The following business scholarships are awarded for the spring term unless otherwise stated.

The **R. Suzanne Blackwell Scholarship** is for minority students and is needs based.

The **Conoco Phillips Scholarship** is for junior and senior level accounting and finance majors.

The **Ernst and Young Alumni Fund** is for full-time junior or returning senior accounting majors.

The **Sooner Federal Scholarship** is for Oklahoma high school graduates who demonstrate leadership ability and financial need.

**ACCOUNTING MAJOR (ACT)**

**Bachelor of Science**

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<thead>
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<th>General Education</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
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<tr>
<td>English (COMP 102, 303)</td>
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<td>Oral Communication (COM 101)</td>
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<td>Biblical Literature (BLIT 110, 120)</td>
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<td>Theology (THE 103)</td>
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<td>Laboratory Science</td>
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<td>Mathematics (MAT 232)</td>
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<td>American History (HIS 101)</td>
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<tr>
<td>American Government (GOV 101)</td>
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</table>

**General Education Credit Hours**

**Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, SOC 323, MUS 208)**

**Health, Physical Education, and Recreation**

(one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)

<table>
<thead>
<tr>
<th>Major</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ACT 215 Principles of Financial Accounting I</td>
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**FINANCE MAJOR (FIN)**

**Bachelor of Science**

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<td>Whole Person Assessment (GEN 099)</td>
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<td>Oral Communication (COM 101)</td>
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<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
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<td>Theology (THE 103)</td>
<td>3</td>
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<tr>
<td>Laboratory Science</td>
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<tr>
<td>Mathematics (MAT 232)</td>
<td>3</td>
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<tr>
<td>American History (HIS 101)</td>
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<td>American Government (GOV 101)</td>
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<td>Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)</td>
<td>12</td>
</tr>
</tbody>
</table>

**General Education Credit Hours**

**Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, SOC 323, MUS 208)**

**Health, Physical Education, and Recreation**

(one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)
*At least one course must be chosen from list courses with asterisks.

**This must be either a non-business minor or a concentration in entrepreneurship. Information on the entrepreneurship concentration is given earlier in the section titled "Degree Programs."

*Requirements for a business language minor are listed in the English and Modern Languages section of this catalog. Students with previous language experience may participate in the test-out program for majors and minors, thereby accelerating the completion of the minor. The English and Modern Languages Department has more information.

## BUSINESS ADMINISTRATION MAJOR (BUS)

**Bachelor of Science**

### General Education

<table>
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<th>Course</th>
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<td>Whole Person Assessment (GEN 099)</td>
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<td>Oral Communication (COM 101)</td>
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<td>Biblical Literature (BLIT 110, 120)</td>
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<td>Mathematics (MAT 232)</td>
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<tr>
<td>American History (HIS 101)</td>
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<td>American Government (GOV 101)</td>
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**Total General Education Credit Hours**: 55

### Cognate

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<td>Cognate Total</td>
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**Total Cognate Credit Hours**: 33

### Electives

**Total Elective Credit Hours**: 10

**Total Degree Credit Hours**: 128

## INTERNATIONAL BUSINESS MAJOR (INB)

**Bachelor of Science**

### General Education

<table>
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<th>Course</th>
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<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
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<tr>
<td>English (COMP 102, 303)</td>
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<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
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<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
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<td>Theology (THE 103)</td>
<td>3</td>
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<tr>
<td>Mathematics (MAT 232)</td>
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<tr>
<td>American History (HIS 101)</td>
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<tr>
<td>American Government (GOV 101)</td>
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<td>Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208)</td>
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**Total General Education Credit Hours**: 63

### Cognate

<table>
<thead>
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<tbody>
<tr>
<td>BUS 099 Business Seminar</td>
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<td>BUS 201 Principles of Economics I</td>
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<td>BUS 325 Business Law I</td>
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<td>BUS 326 Business Law II</td>
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<td>CSC 112 Microcomputer Applications in Business</td>
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<td>MGT 130 Principles of Management</td>
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<td>MGT 431 Strategic Management</td>
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**Total Cognate Credit Hours**: 33

### Electives

**Total Elective Credit Hours**: 12

**Total Degree Credit Hours**: 128

## MANAGEMENT MAJOR (MGT)

**Bachelor of Science**

### General Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (COMP 102, 303)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</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 (MAT 232)</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>Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300,</td>
<td>12</td>
</tr>
</tbody>
</table>

**Total General Education Credit Hours**: 63

### Cognate

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<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>
<tr>
<td>MGT 130 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 431 Strategic Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 130 Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>Cognate Total</td>
<td>12-13</td>
</tr>
</tbody>
</table>

**Total Cognate Credit Hours**: 33

### Electives

**Total Elective Credit Hours**: 12

**Total Degree Credit Hours**: 128
### MARKETING MAJOR (MKT)

**Bachelor of Science**

**General Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (COMP 102, 303)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</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>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 103, ART 104, MUS 300, DRAM 215, COMP 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)</td>
<td>5</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)</td>
<td>3</td>
</tr>
</tbody>
</table>

### General Education Total

55

*At least one course must be chosen from list courses with asterisks.

#### Major

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</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 333 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

#### Cognate

<table>
<thead>
<tr>
<th>Course</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 Financial and Managerial Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACT 320 Quantitative Analysis</td>
<td>3</td>
</tr>
<tr>
<td>BUS 099 Business Seminar</td>
<td>3</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>
<tr>
<td>FIN 244 Personal Financial Planning</td>
<td>3</td>
</tr>
<tr>
<td>MGT 130 Principles of Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

### Cognate Total

30

#### Electives

13

### Degree Total

128

### NONPROFIT BUSINESS MINOR (NPBM)

This minor provides a foundational base of knowledge addressing the unique business issues facing the student interested in pursuing a career in or associated with nonprofit organizations.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT 215 Principles of Financial Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>MGT 130 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 465 Administration of Nonprofit Organizations</td>
<td>3</td>
</tr>
<tr>
<td>MGT 130 Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>Choice of two from the following courses:</td>
<td>6</td>
</tr>
<tr>
<td>ACT 471 Estate and Gift Taxation</td>
<td>3</td>
</tr>
<tr>
<td>FIN 338 Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 472 Principles of Estate Planning</td>
<td>3</td>
</tr>
<tr>
<td>MGT 461 Conflict Resolution</td>
<td>3</td>
</tr>
</tbody>
</table>

### Minor Total

18

### TRANSFERRING TO ORU WITH AN A.S. DEGREE (FROM TULSA COMMUNITY COLLEGE)

An articulation agreement between Tulsa Community College (TCC) and ORU has been developed to assist students having an associate of science degree in business to obtain a bachelor of science degree in business administration at ORU. This agreement allows students from TCC to transfer to ORU and receive the maximum allowable credit towards a bachelor’s degree. Additional information is available in the admissions section of this catalog.

#### Degree Requirements

Students transferring from TCC with an associate’s degree in business and pursuing a B.S. degree in business administration at ORU need to take the courses as indicated in the following degree plan, including the following TCC general education courses.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCC General Education</td>
<td>18 hrs.</td>
</tr>
<tr>
<td>Credit Hours</td>
<td></td>
</tr>
<tr>
<td>English Composition (ENGL 1113, 1213)</td>
<td>6</td>
</tr>
<tr>
<td>US History (HIST 1463 or 1493)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (POLS 1113)</td>
<td>3</td>
</tr>
<tr>
<td>Economics (ECON 2013)</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences (PSYC 1313)</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT 215 Principles of Financial Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>MGT 130 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 465 Administration of Nonprofit Organizations</td>
<td>3</td>
</tr>
<tr>
<td>MGT 130 Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>Choice of two from the following courses:</td>
<td>6</td>
</tr>
<tr>
<td>ACT 471 Estate and Gift Taxation</td>
<td>3</td>
</tr>
<tr>
<td>FIN 338 Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 472 Principles of Estate Planning</td>
<td>3</td>
</tr>
<tr>
<td>MGT 461 Conflict Resolution</td>
<td>3</td>
</tr>
</tbody>
</table>

### B.S. Degree in Business Administration

Students seeking an associate’s degree in business from TCC and a bachelor’s degree in business administration from ORU take courses and earn credit hours in the following areas:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT 215 Principles of Financial Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>BUS 201 Principles of Economics I</td>
<td>3</td>
</tr>
<tr>
<td>MGT 130 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 130 Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>Electives in accounting, business, finance, management, marketing, and management information systems,</td>
<td>6</td>
</tr>
</tbody>
</table>

### Minor Total

18

### TCC General Education

#### Credit Hours

- English Composition (ENGL 1113, 1213) 6
- US History (HIST 1463 or 1493) 3
- American Government (POLS 1113) 3
- Economics (ECON 2013) 3
- Social Sciences (PSYC 1313) 3
**ORU Total** 68

- ORU general education (35 hrs.)
- ORU business administration major (15 hrs.)
- A minor area of study (18 hrs.)

**TCC-ORU Bachelor's Degree Total** 131

In addition to the general education courses at TCC listed under “Degree Requirements” earlier in this section, students wanting to major in business at TCC and business administration at ORU need to take the following courses:

**TCC Business Program Total** 42 hrs.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting (ACCT 2213, 2223)</td>
<td>6</td>
</tr>
<tr>
<td>Business (BUSN 1053, 1343, 2213, 2313)</td>
<td>12</td>
</tr>
<tr>
<td>Computer Science (CSCI 1203)</td>
<td>3</td>
</tr>
<tr>
<td>Computer Science (CSCI 2033 or CSYS 2073)</td>
<td>3</td>
</tr>
<tr>
<td>Economics (ECON 1353, 2023)</td>
<td>6</td>
</tr>
<tr>
<td>Management (MGMT 2363)</td>
<td>3</td>
</tr>
<tr>
<td>Marketing (MKTG 2423)</td>
<td>3</td>
</tr>
<tr>
<td>Electives (choice of specified BUSN, ECON, MGMT)</td>
<td>6</td>
</tr>
</tbody>
</table>

Recommended elective (MATH 2193) 3

**ORU General Education** 35 hrs.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (COMP 303)</td>
<td>3</td>
</tr>
<tr>
<td>Speech (COM 101)</td>
<td>1</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>Science (two lectures and two labs)</td>
<td>8</td>
</tr>
<tr>
<td>Humanities (Choice of three from HUM 101, 222, 233, 244, 301, 333)</td>
<td>9</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation</td>
<td>3</td>
</tr>
</tbody>
</table>

**ORU Business Administration Major** 15 hrs.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT 320 Quantitative Analysis</td>
<td>3</td>
</tr>
<tr>
<td>BUS 099 Business Seminar (taken twice)</td>
<td>0</td>
</tr>
<tr>
<td>BUS 326 Business Law II</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 431 Strategic Management</td>
<td>3</td>
</tr>
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</table>

**ORU Minor** 18 hrs.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT 215 Principles of Financial Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACT 216 Principles of Financial and Managerial Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACT 320 Quantitative Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ACT 327 Intermediate Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACT 328 Intermediate Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACT 432 Managerial Cost Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACT 435 Accounting Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ACT 439 Auditing</td>
<td>3</td>
</tr>
<tr>
<td>ACT 442 Federal Income Tax Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACT 443 Advanced Tax Accounting</td>
<td></td>
</tr>
<tr>
<td>ACT 451 Accounting Internship</td>
<td></td>
</tr>
<tr>
<td>ACT 462 Advanced Accounting I</td>
<td></td>
</tr>
<tr>
<td>ACT 463 Advanced Accounting II</td>
<td></td>
</tr>
<tr>
<td>ACT 464 Becker CPA--Regulation</td>
<td></td>
</tr>
<tr>
<td>ACT 465 Becker CPA--Business</td>
<td></td>
</tr>
<tr>
<td>ACT 466 Becker CPA--Financial</td>
<td></td>
</tr>
<tr>
<td>ACT 467 Becker CPA--Auditing</td>
<td></td>
</tr>
<tr>
<td>ACT 471 Estate and Gift Taxation</td>
<td></td>
</tr>
<tr>
<td>ACT 999 Elective</td>
<td></td>
</tr>
</tbody>
</table>

**Business**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 099 Business Seminar</td>
<td></td>
</tr>
<tr>
<td>BUS 201 Principles of Economics I (Macroeconomics)</td>
<td>3</td>
</tr>
<tr>
<td>BUS 202 Principles of Economics II (Macroeconomics)</td>
<td>3</td>
</tr>
<tr>
<td>BUS 325 Business Law I</td>
<td></td>
</tr>
<tr>
<td>BUS 326 Business Law II</td>
<td></td>
</tr>
<tr>
<td>BUS 361 International Business</td>
<td></td>
</tr>
<tr>
<td>BUS 372 Business Ethics</td>
<td></td>
</tr>
<tr>
<td>BUS 450 Special Topics in Business</td>
<td></td>
</tr>
<tr>
<td>BUS 451 Business Administration Internship</td>
<td>3</td>
</tr>
<tr>
<td>BUS 454 International Business Internship</td>
<td>3</td>
</tr>
<tr>
<td>BUS 499 Senior Paper</td>
<td></td>
</tr>
<tr>
<td>BUS 999 Elective</td>
<td></td>
</tr>
</tbody>
</table>

**Finance**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 244 Personal Financial Planning</td>
<td></td>
</tr>
<tr>
<td>FIN 303 Money and Banking Finance</td>
<td></td>
</tr>
<tr>
<td>FIN 338 Financial Management</td>
<td></td>
</tr>
<tr>
<td>FIN 418 Investments</td>
<td></td>
</tr>
<tr>
<td>FIN 428 Bank Management</td>
<td></td>
</tr>
<tr>
<td>FIN 438 Advanced Financial Management</td>
<td></td>
</tr>
<tr>
<td>FIN 451 Finance Internship</td>
<td></td>
</tr>
<tr>
<td>FIN 452 Corporate Financial Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>FIN 460 International Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 461 Capital Markets</td>
<td></td>
</tr>
<tr>
<td>FIN 472 Principles of Estate Planning</td>
<td>3</td>
</tr>
<tr>
<td>FIN 999 Elective</td>
<td></td>
</tr>
</tbody>
</table>

**Management**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT 130 Principles of Management</td>
<td></td>
</tr>
<tr>
<td>MGT 333 Supply Chain Management</td>
<td></td>
</tr>
<tr>
<td>MGT 341 Business Communications</td>
<td></td>
</tr>
<tr>
<td>MGT 351 Risk Management</td>
<td></td>
</tr>
<tr>
<td>MGT 352 Organizational Behavior</td>
<td></td>
</tr>
<tr>
<td>MGT 353 Human Resource Management</td>
<td></td>
</tr>
<tr>
<td>MGT 372 Creative Thinking</td>
<td></td>
</tr>
<tr>
<td>MGT 384 Real Estate Management</td>
<td></td>
</tr>
<tr>
<td>MGT 421 Entrepreneurship</td>
<td></td>
</tr>
<tr>
<td>MGT 422 Small Business Basics</td>
<td></td>
</tr>
<tr>
<td>MGT 431 Strategic Management</td>
<td></td>
</tr>
<tr>
<td>MGT 443 Executive Development</td>
<td></td>
</tr>
<tr>
<td>MGT 451 Management Internship</td>
<td></td>
</tr>
<tr>
<td>MGT 461 Conflict Resolution</td>
<td></td>
</tr>
<tr>
<td>MGT 465 Administration of Nonprofit Organizations</td>
<td>3</td>
</tr>
<tr>
<td>MGT 999 Elective</td>
<td></td>
</tr>
</tbody>
</table>

**Marketing**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKT 130 Principles of Marketing</td>
<td></td>
</tr>
<tr>
<td>MKT 333 Consumer Behavior</td>
<td></td>
</tr>
<tr>
<td>MKT 334 Promotional Management</td>
<td></td>
</tr>
<tr>
<td>MKT 346 Personal Selling</td>
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</tr>
<tr>
<td>MKT 361 International Marketing</td>
<td></td>
</tr>
<tr>
<td>MKT 445 Marketing Research</td>
<td></td>
</tr>
<tr>
<td>MKT 447 Retail Management</td>
<td></td>
</tr>
<tr>
<td>MKT 451 Marketing Internship</td>
<td></td>
</tr>
<tr>
<td>MKT 455 Marketing Management</td>
<td></td>
</tr>
<tr>
<td>MKT 999 Elective</td>
<td></td>
</tr>
</tbody>
</table>

**DEGREE PROGRAMS**

The graduate program of the College of Business offers two degrees at the masters level: the Master of Business Administration (M.B.A.) and the Master of Not-for-Profit Management (M.NFP.).

**Master of Business Administration (M.B.A.)**

The Master of Business Administration degree is considered the most flexible business-related degree on the graduate level. In addition to a broad range of basic courses, the M.B.A. program offers special training, research opportunities, and field assignments in individual areas of interest. ORU's M.B.A. program emphasizes management strategy and techniques, long-range planning, organizational behavior, communication, motivation, business ethics, and moral principles. The importance of the human relations aspect of business affairs is recognized and stressed. M.B.A. students must demonstrate proficiency in business ethics, which may be demonstrated by satisfactory completion of an undergraduate or graduate ethics course. The M.B.A. degree at ORU provides both the breadth of management training and an area of specialization.

ORU anticipates that full-time students with an undergraduate degree in business should be able to complete their M.B.A. within three semesters; students without academic training in business should be able to complete the degree in two years.

**Master of Not-for-Profit Management (M.NFP.)**

The Master of Not-for-Profit Management degree provides a course of study preparing students with leadership, management, and administrative skills and advanced training across the broader discipline of business management with a particular emphasis in the not-for-profit environment. Specialized focus is provided in the areas of not-for-profit leadership, management, administration, marketing, development, legal concerns and compliance, taxation, finance, accounting, organizational design, and organizational effectiveness.

**Enrollment Information**

Admission

Admission to graduate business degree programs is selective. Applicants must demonstrate academic achievement at the baccalaureate level, and success-
ful accomplishment in the workplace is beneficial. To assess an applicant’s potential for success, the Admissions Committee reviews the student’s transcripts, faculty, employer, and clergy recommendations; and scores on nationally normed examinations; however, the submission of a nationally normed examination is not required. Applicants must also demonstrate good character, Christian commitment, motivation, and discipline.

Leveling Courses

Upon admission to the Graduate School of Business, the student’s transcripts are evaluated to determine any deficiencies from the baccalaureate degree. Participants in the graduate program may be required to take leveling courses in addition to courses required for the degree. Leveling courses are courses at the undergraduate level that help prepare students for courses in the degree. A plan of study is then initiated with deficiencies listed. The degree process is subsequently monitored by the academic advisor.

Fast-Track Program

Students may reduce the time necessary to complete a master’s degree by enrolling in the Fast-Track Program while still in an undergraduate business programs by taking up to 12 hours of graduate work while completing the baccalaureate program. A student who completes three or more hours may successfully finish a master’s degree in 9 additional months and thus save a semester. To participate, a student should make application with the College of Business graduate admissions coordinator. General criteria used for acceptance include a 3.0 GPA and a major in a business or business-related discipline; however, students with a GPA below 3.0 may be considered on a case-by-case basis.

Course Load

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

Grades

Graduate students are required to maintain a 3.0 grade point average to remain in good standing and to graduate. A grade of “C” or better counts for degree credit. Students who fall below this level are placed on probation, and students whose GPA remains below 3.0 for three consecutive semesters are subject to suspension from the program. Progress evaluation is normally conducted each summer or when a student has earned 12 or more hours.

Auditing

Graduate students may audit any graduate business course for which they have taken the prerequisites. The instructor and college dean must approve all audits. Audits can never be changed to a letter grade for credit. Students must maintain regular class attendance to receive audit designation on their transcript.

AWARDS AND SCHOLARSHIPS

The College of Business seeks to recognize graduate students who exhibit superior characteristics in the areas of scholarship and leadership. Awards related to these characteristics are presented annually.

**Business Financial Aid** is available to graduate students in the College of Business. Interested students should request more information through the College of Business.

**ORU Retention Scholarships** are awarded to ORU baccalaureate graduates who choose to pursue graduate business study at ORU. Awards are for $500 per full-time semester up to a cumulative total of $1,000. These awards are limited and are offered on a first-come basis with preference extended to students coming directly from baccalaureate study. Awards are available only to students who have received full or conditional acceptance.

**BUSINESS ADMINISTRATION (MBA)**

**Master of Business Administration**

Students may select a concentration in accounting, finance, international business, management, not-for-profit management, entrepreneurship, or marketing. Any student pursuing one of these concentrations needs to consult with an advisor concerning the course requirements and selections.

M.B.A. students are required to have completed the following undergraduate prerequisites, called “levelling” courses. Credit hours from leveling courses do not apply toward the graduate degree.

**Levelling Courses**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT 215</td>
<td>Principles of Financial Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACT 216</td>
<td>Principles of Managerial Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BUS 325</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>FIN 338</td>
<td>Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>MAT 232</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MKT 130</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MGT 130</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>CSC 112</td>
<td>Microcomputer Applications in Business</td>
<td>3</td>
</tr>
<tr>
<td>Choice of one of the following two courses:</td>
<td></td>
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</tr>
<tr>
<td>BUS 201</td>
<td>Principles of Economics I (3 hrs.)</td>
<td>3</td>
</tr>
<tr>
<td>BUS 202</td>
<td>Principles of Economics II (3 hrs.)</td>
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**Levelling Courses Total** 27

**ORU Distinctive Courses**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>GTHE 507</td>
<td>Holy Spirit in the Now*</td>
<td>2</td>
</tr>
<tr>
<td>GHPE 503</td>
<td>Graduate Health Fitness**</td>
<td>1</td>
</tr>
<tr>
<td>Choice of one of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GHPE 515</td>
<td>Graduate Aerobics</td>
<td>.5</td>
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<tr>
<td>GHPE 529</td>
<td>Graduate Walk for Fitness</td>
<td></td>
</tr>
<tr>
<td>HPE</td>
<td>Elective</td>
<td></td>
</tr>
</tbody>
</table>

**ORU Distinctives Total** 1.5-3.5

*This requirement is waived for students who have completed Holy Spirit in the Now for another degree plan and for those who have completed their undergraduate general education theology course requirements at ORU.

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

**M.B.A. Managerial Courses**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
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</tr>
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<tbody>
<tr>
<td>GACT 562</td>
<td>Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 565</td>
<td>Strategic Management</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 566</td>
<td>Management Simulation</td>
<td>1</td>
</tr>
<tr>
<td>GBUS 504</td>
<td>Communications</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>in Contemporary Business</td>
<td></td>
</tr>
<tr>
<td>GBUS 574</td>
<td>Competitive Business Intelligence</td>
<td>2</td>
</tr>
<tr>
<td>GBUS 582</td>
<td>Managerial Economics</td>
<td>3</td>
</tr>
<tr>
<td>GBUS 598</td>
<td>Research Methodology</td>
<td>3</td>
</tr>
<tr>
<td>GFIN 563</td>
<td>Finance</td>
<td>3</td>
</tr>
<tr>
<td>GMGT 561</td>
<td>Management in a Globalized Era</td>
<td>3</td>
</tr>
<tr>
<td>GMGT 585</td>
<td>Quantitative Management</td>
<td>3</td>
</tr>
<tr>
<td>GMKT 564</td>
<td>Marketing Management</td>
<td>3</td>
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**Choice of one of the following:**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GACT</td>
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<tr>
<td>GBUS</td>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>GFIN</td>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>GINB</td>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>GMGT</td>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>GMKT</td>
<td>Elective</td>
<td></td>
</tr>
</tbody>
</table>

**M.B.A. Total** 33

**Degree Total** 36.5

**Concentrations**

M.B.A. students may earn a concentration in one of the following areas by taking six to ten additional hours in the area of the elective selected in the degree. Course selections need approval of an advisor. The general elective should also be in the concentration field.

- **Accounting (ACTC)**
  - **GACT** Elective 3
  - **GACT** Elective 3
  - **Accounting Concentration Total** 6

- **Finance (FINC)**
  - **GFIN** Elective 3
  - **GFIN** Elective 3
  - **Finance Concentration Total** 6

- **International Business (INBC)**
  - **GINB** Elective 3
  - **GINB** Elective 3
  - **International Business Concentration Total** 6

- **Management (MGTC)**
  - **GMGT** Elective 3
  - **GMGT** Elective 3
  - **Management Concentration Total** 6

- **Marketing (MKTC)**
  - **GMKT** Elective 3
  - **GMKT** Elective 3
  - **Marketing Concentration Total** 6

- **Not-for-Profit Management (NPMD)**
  - **GMKT 550** Development of Nonprofit Organizations 2
  - **GBUS 550** Legal Issues of Nonprofit Organizations 2
  - **GMKT 521** Administration of Nonprofit Organizations 3
  - **GFIN 572** Principles of Estate Planning 2
  - **Nonprofit Management Concentration Total** 9
Entrepreneurship (ENTC)

- GFIN 555 Entrepreneurship  3
- GFIN 561 Capital Markets  3

Choice of one of the following three courses:

- GMKT 534 Promotional Management  3
- GMGT 541 Creative Thinking  3
- GMGT 556 Small Business Basics  3

Entrepreneurship Concentration Total  9

NOT-FOR-PROFIT MANAGEMENT (MNFP)

Master of Not-for-Profit Management

Master of Not-for-Profit Management students share many courses with the Master of Business Administration students and also take courses designed to focus on not-for-profit studies. Delivery format may include some or all courses offered via a non-traditional format.

Master of Not-for-Profit Management students are required to have completed the following undergraduate prerequisites, called “leveling” courses. Credit hours from leveling courses do not apply toward the graduate degree.

**Leveling Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT 215</td>
<td>Principles of Financial Accounting I</td>
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<tr>
<td>BUS 325</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>FIN 338</td>
<td>Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>MKT 130</td>
<td>Principles of Marketing</td>
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<td>MGT 130</td>
<td>Principles of Management</td>
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**Leveling Courses Total**  18

**ORU Distinctive Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>GTHE 507</td>
<td>Holy Spirit in the Now*</td>
<td>2</td>
</tr>
<tr>
<td>GHPE 503</td>
<td>Graduate Health Fitness**</td>
<td>1</td>
</tr>
<tr>
<td>GHPE 515</td>
<td>Graduate Aerobics</td>
<td>3</td>
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<td>GHPE 525</td>
<td>Graduate Walk for Fitness</td>
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<td>HPE</td>
<td>Elective</td>
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</table>

**ORU Distinctives Total**  1.5-3.5

*This requirement is waived for students who have completed Holy Spirit in the Now for another degree plan and for those who have completed their undergraduate general education theology course requirements at ORU.

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

**Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>GMGT 561</td>
<td>Management in a Globalized Era</td>
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<td>GMGT 521</td>
<td>Administration of Nonprofit Organizations</td>
<td>3</td>
</tr>
<tr>
<td>GMGT 600</td>
<td>Leadership Studies</td>
<td>3</td>
</tr>
<tr>
<td>GMKT 550</td>
<td>Development of Nonprofit Organizations</td>
<td>2</td>
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<td>GMKT 564</td>
<td>Marketing Management</td>
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<tr>
<td>GBUS 504</td>
<td>Communications</td>
<td>3</td>
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<tr>
<td>FIN 338</td>
<td>in Contemporary Business</td>
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<tr>
<td>GBUS 550</td>
<td>Legal Issues of Nonprofit</td>
<td>2</td>
</tr>
<tr>
<td>GBUS 565</td>
<td>Strategic Management</td>
<td>2</td>
</tr>
<tr>
<td>GBUS 572</td>
<td>Business Ethics</td>
<td>2</td>
</tr>
<tr>
<td>GBUS 574</td>
<td>Competitive Business Intelligence</td>
<td>2</td>
</tr>
<tr>
<td>GACT 580</td>
<td>Nonprofit Accounting and Finance</td>
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<tr>
<td>GFIN 572</td>
<td>Principles of Estate Planning</td>
<td>2</td>
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<tr>
<td>GACT 550</td>
<td>Internship</td>
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<tr>
<td>GACT 527</td>
<td>Intermediate Accounting I</td>
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<td>GACT 528</td>
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<td>Federal Income Tax Accounting</td>
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<tr>
<td>GACT 563</td>
<td>Advanced Accounting II</td>
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<tr>
<td>GACT 571</td>
<td>Estate and Gift Taxation</td>
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<td>GACT 580</td>
<td>Nonprofit Accounting and Finance</td>
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<td>GACT 999</td>
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**Accounting**

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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
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<tbody>
<tr>
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<td>GFIN 514</td>
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<td>GFIN 550</td>
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<td>GFIN 555</td>
<td>Entrepreneurship</td>
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<td>GFIN 561</td>
<td>Capital Markets</td>
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<tr>
<td>GFIN 563</td>
<td>Finance</td>
<td></td>
</tr>
<tr>
<td>GFIN 572</td>
<td>Principles of Estate Planning</td>
<td></td>
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<tr>
<td>GFIN 573</td>
<td>Development of Nonprofit Organizations</td>
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<td>GFIN 999</td>
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**Finance**

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<tr>
<th>Course Code</th>
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<tr>
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<tr>
<td>GINB 561</td>
<td>International Marketing</td>
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<td>GINB 580</td>
<td>Readings in International Business</td>
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<td>GINB 999</td>
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**International Business**

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**Management**

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>GMGT 500</td>
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<tr>
<td>GMGT 521</td>
<td>Administration of Nonprofit Organizations</td>
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<tr>
<td>GMGT 541</td>
<td>Creative Thinking</td>
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</table>

**Total**  30

Degree Total  31.5-33.5

**NOT-FOR-PROFIT MANAGEMENT Concentration**

- GTHE 507 Holy Spirit in the Now*  2
- GHPE 503 Graduate Health Fitness**  1
- GHPE 515 Graduate Aerobics  3
- GHPE 525 Graduate Walk for Fitness  3
- HPE Elective  3

*ORU Distinctives Total  1.5-3.5

**NOT-FOR-PROFIT MANAGEMENT (MNFP) (Graduate)**

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

**Accounting**

- GACT 500 Internship
- GACT 527 Intermediate Accounting I
- GACT 528 Intermediate Accounting II
- GACT 532 Advanced Accounting I
- GACT 533 Managerial Cost Accounting
- GACT 539 Auditing
- GACT 542 Federal Income Tax Accounting
- GACT 543 Advanced Income Tax Accounting
- GACT 562 Managerial Accounting
- GACT 563 Advanced Accounting II
- GACT 564 Becker CPA-Regulation
- GACT 565 Becker CPA-Business
- GACT 566 Becker CPA-Financial
- GACT 567 Becker CPA-Auditing
- GACT 570 Accounting Information Systems
- GACT 571 Estate and Gift Taxation
- GACT 580 Nonprofit Accounting and Finance
- GACT 999 Elective

**General Business**

- GBUS 500 Internship
- GBUS 504 Communications in Contemporary Business
- GBUS 550 Legal Issues of Nonprofit Organizations
- GBUS 556 Personal Financial Planning
- GBUS 565 Strategic Management
- GBUS 566 Management Simulation
- GBUS 567 Technology and Business
- GBUS 572 Business Ethics
- GBUS 574 Competitive Business Intelligence
- GBUS 582 Managerial Economics
- GBUS 596 Research Methodology
- GBUS 599 Research
- GBUS 999 Elective

**Finance**

- GFIN 500 Internship
- GFIN 514 Investments
- GFIN 550 Commercial Bank Management
- GFIN 555 Entrepreneurship
- GFIN 561 Capital Markets
- GFIN 563 Finance
- GFIN 572 Principles of Estate Planning
- GFIN 573 Development of Nonprofit Organizations
- GFIN 999 Elective

**International Business**

- GINB 560 International Finance
- GINB 570 International Marketing
- GINB 580 Readings in International Business
- GINB 999 Elective

**Management**

- GMGT 500 Internship
- GMGT 521 Administration of Nonprofit Organizations
- GMGT 541 Creative Thinking

School of Business
COLLEGE OF EDUCATION

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

MISSION STATEMENT: The mission of the College of Education is (1) to prepare professional Christian educators “to go into every person’s world” and (2) to provide the opportunity for individuals who hold Christian principles to participate in initial and advanced study in preparation for professional public and private responsibilities in the field of education throughout the world.

FACULTY

UNDERGRADUATE

Richard Berumen..................Assistant Professor
B.S., University of Central Oklahoma, 1975; M.A., University of Tulsa, 1977.
Kim Boyd........................Associate Professor and Dean of the College of Education
B.A., Oral Roberts University, 1979; M.Ed., Northeastern State University, 1985; Ed.D. Oklahoma State University, 1996.
Linda Dunham..................Associate Professor and Chair of the Undergraduate Department
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.
Evalyn Lindberg............Assistant Professor
B.A., Oral Roberts University, 1979; M.A., University of Tulsa, 1983.
Marsha Livingston...............Assistant Professor
Jean C. Mosley.............Professor

GRADUATE

Dwight Davidson...............Assistant Professor
B.S., Oklahoma State University, 1972; M.S., 1975; Ed.D., 1980.
Hallett Hullinger...............Associate Professor
B.S., College of William and Mary, 1975; M.Ed., 1982; Ed.D., Oklahoma State University, 1996.
Mary Lou Miller................Associate Professor of Mathematics
B.S., Oklahoma State University, 1982; M.S., University of Tulsa, 1993; Ed.D., Oklahoma State University, 1999.
Jim V. Myers..................Professor
B.A., Oklahoma State University, 1965; M.S., University of Oklahoma, 1976; Ph.D., 1989.
Timothy Norton...............Professor
J. Patrick Otto...............Associate Professor and Chair, Graduate Department
B.S., Drake University, 1983; M.A., Oral Roberts University, 1992; Ed.D., Nova Southeastern University, 1996.
Calvin Roso..................Associate Professor
Sherri Tapp..................Associate Professor
B.S., Tuskegee University, 1978; M.A., Oklahoma State University, 1982; Ed.D., 2002.

EMERITI FACULTY

Dr. Mauldin Ray, 1965-1992

Overview

Education is the shaping of the whole person: spirit, mind, and body. At the center of the education program at ORU is the understanding that true wisdom and knowledge come from God. The Bible is God’s inspired Word and is upheld as the standard and central point of reference.

The College of Education provides an opportunity for individuals who hold Christian principles to participate in advanced study in preparation for professional public and private responsibilities in the field of education throughout the world. The College of Education prepares administrators; curriculum specialists; and teachers for public, private, and Christian schools.

The ORU College of Education is accredited by the National Council for Accreditation of Teacher Education (NCATE) and offers degrees at the bachelor, master, and doctoral levels. The college’s graduates have won recognition as award-winning teachers—several having been honored as Teacher of the Year at the state level. ORU education students also rank the highest in the state on the various standardized licensing examinations.

INSTITUTIONAL STANDARDS

The following are institutional standards of the College of Education, adopted by the College of Education Faculty Assembly in support of the College of Education Mission Statement:

1. The candidate is a reflective, transformed educator who continually evaluates the effects of his or her decisions, dispositions, practices, and actions on others (students, parents, and other professionals) in the learning community from a Christian worldview.

2. The candidate is a reflective transformed educator who actively seeks out opportunities to grow professionally and understands the evaluation process of professional 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.
The conceptual framework for the College of Education forms the basis for course content, stated student outcomes, instruction, and assessment. The College of Education offers a diverse teacher preparation program designed to equip teachers for assignments in elementary and secondary schools. The three segments (general education, specialized education, and professional education) are integrated to produce graduates with comprehensive teacher preparation. Advanced degrees are offered that prepare graduates for professional responsibilities in private and public schools, as well as for positions in business and industry.

In keeping with the university’s mission statement, the College of Education conceptual model is rooted in the philosophical position that education is the shaping of the whole person: spirit, mind and body.

UNDERGRADUATE EDUCATION DEPARTMENT

Linda Dunham, Ed.D., Chair

The Undergraduate Department of the College of Education administers programs that are accredited by the Oklahoma Commission for Teacher Preparation and lead to standard licensure based on the review and recommendation of this commission. The Career Services Center also maintains an up-to-date file on certification standards in all states, but the responsibility is assumed by the student wishing to certify in a state other than Oklahoma.

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

DEGREE PROGRAMS

Professional Elementary Education (B.S.) with Dual Licensure

Students choosing the elementary education major earn licensure in not only elementary education but also in a second area: English as a second language, early childhood education, or special education.

Special Education Mild-Moderate Disabilities (B.S.) with Dual Licensure

Students choosing the special education major earn licensure in not only special education but also in elementary education.

Early Childhood Education (B.S.) with Dual Licensure

Students choosing the early childhood education major earn licensure in not only early childhood education but also in a second area, either English as a second language or special education.

Other Program Areas Leading to Teaching Licensure

The ORU College of Education administers programs that meet State of Oklahoma certification and licensure requirements in a variety of special content subject areas. The specialized studies are offered in cooperation with the College of Arts and Cultural Studies and the College of Science and Engineering and with the professional and pedagogical studies provided by College of Education faculty. All candidates for secondary education specialties and the combined elementary and secondary education specialties are required to complete study in a major field of concentration as part of the degree program.

Each licensure area combines courses from general, specialized, and professional education in such a way as to develop a student who is mentally alert, spiritually alive, physically disciplined, and socially adept to achieve the high goals of a competent, dedicated teacher.

General Education. The competent teacher is an informed and cultured person who (1) understands today’s society, (2) is able to think critically, (3) has a firm grasp of research techniques, and (4) is aware of expanding knowledge in the behavioral, biological, and physical sciences. This person also has an aesthetic appreciation of the fine arts, as well as recreational skills. In keeping with the liberal arts emphasis of the university, the prospective teacher devotes time to appropriate courses in the liberal arts and sciences.

Specialized Education. Competent teachers have a thorough understanding of their subject matter (e.g., mathematics, science, art). Each pre-service teacher must complete a major as presented by the respective content area department.

Professional Education. Competent teachers not only have a breadth of general education and depth of specialized preparation in specific subject areas, but they also have thorough preparation in the mastery of teaching skills.

Programs leading to standard teaching licensure are available in the following areas:

Art Education Major (B.A.)
With elementary and secondary school teaching licensure. (Offered through the cooperation of the Communication, Arts, and Media Department.)

Communication Arts Education Major (B.A.)
With secondary school teaching licensure. (Offered through the cooperation of the Communication, Arts, and Media Department.)

Early Childhood Major (B.S.)
With early childhood (Pre-school-3rd grade) teaching licensure. (Offered through the College of Education.)

Elementary Education Major (B.S.)
With elementary school (1st-8th grade) teaching licensure. (Offered through the College of Education.)

English Education Major (B.A.)
With secondary school teaching licensure. (Offered through the cooperation of the English and Modern Languages Department.)

Health and Physical Education Major (B.S.)
With elementary/secondary school teaching licensure. (Offered through the cooperation of the Health, Physical Education, and Recreation Department.)

Mathematics Education Major (B.S.)
With secondary school teaching licensure. (Offered through the cooperation of the Engineering, Computer Science, Physics, and Mathematics Department.)

Modern Foreign Language Education Major (B.A.)
(Choice of Spanish or French) With elementary and secondary school teaching licensure. (Offered through the cooperation of the English and Modern Languages Department.)

Music Education Major (B.M.E.)
(Choice of vocal and/or instrumental).
With elementary and secondary school teaching licensure. (Offered through the cooperation of the Music Department.)

Science Education Major (B.S.)
With secondary school teaching licensure. (Offered through the cooperation of the Biology and Chemistry Department.)

Social Studies Education Major (B.A.)
With secondary school teaching licensure. (Offered through the cooperation of the History, Humanities, and Government Department.)

Special Education Mild-Moderate Disabilities Major (B.S.)
With elementary and secondary school teaching licensure. (Offered through the College of Education.)

Alternative Certification

The ORU College of Education is intentional about preparing students interested in a teaching career to become competent educators that understand their primary responsibility is to focus on student learning. Students completing the ORU teacher education program and passing the appropriate licensure exams meet all requirements for obtaining an initial license in Oklahoma. Additionally, transferring a teaching license to another state is less complicated when students meet the Oklahoma licensure requirement prior to transitioning to other states.

Alternative certification is intended for individuals who have been in other careers since graduating from college and who are seeking a second career in teaching. The typical profile of an individual seeking alternative certification is usually someone who has had several years of work experience in related fields to their bachelor’s degree. Requirements for alternative certification vary widely from state to state, and as of November 1, 2009, new regulations for alternative certification in Oklahoma now require three years of work experience related to the baccalaureate degree beyond graduation, which prevents new college graduates from obtaining alternative certification. Other requirements for individuals interested in alternative licensure in Oklahoma are as follows:

• Hold at least a baccalaureate degree from an accredited institution
• Have a cumulative GPA of at least 2.5
• Have a major in a field that corresponds to an area of specialization
• Have at least 18 semester hours or 270 clock hours of professional education hours at the baccalaureate level and 12 semester hours or 180 clock hours at the post-baccalaureate level
• Have passed the Oklahoma General Education Test (OGET) and the Oklahoma Subject Area Test (OSAT)
• Have never been denied entrance into a teacher education program
• Can document three years of work experience (related to the subject area of specialization) after completion of the baccalaureate degree
• Have a plan on file with a higher education institution for meeting standard certification requirements within three years
Students interested in alternative certification should consult the Department of Education in the state(s) in which they are interested in teaching and with an advisor in the ORU College of Education. The College of Education recommends that students who are not enrolled in a major leading to licensure but are interested in alternative certification complete the master’s degree in Teaching with Public School Licensure or the master’s degree in Teaching with Alternative Licensure. The Fast Track program allows students to begin graduate work while they are still undergraduates. The section titled Special Opportunities has more information.

**Professional Education Program**

Every student who wishes to major in education or obtain a standard teaching certificate must be admitted to the Professional Education Program (PEP), which is a prerequisite for approval to student teach. Education majors must be admitted before they have completed 75 hours toward their education degrees. Only education majors may enroll in 300- and 400-level PED courses as undergraduates.

Teacher certification and degree plans are approved by the Dean, upon recommendation of the Education Faculty Assembly. The Dean and the Director of Teacher Education are the final certifying authorities for the university.

Course offerings, degree plans, and requirements are subject to change each year due to continuous modifications taking place at both the national and state levels regarding teacher certification, alternative teacher certification, and accreditation standards for teacher preparation programs. Therefore, individuals are advised to check with a College of Education advisor as to the precise degree plan under which they will be admitted. Catalog offerings, degree plans, and requirements may have changed since printing.

**Standard Requirements**

Teacher candidates must meet all of the following requirements before they are admitted to the Professional Education Program:

- Complete 45 hours of college coursework.
- Earn a GPA of 2.5 or above.
- Pass the Oklahoma General Education Test (OGET).
- Complete the entry level of the ePortfolio and submit for assessment by content area advisor.
- Pass the following courses and earn a “C” or above in each course:
  - Oral Communications (COM 101)
  - Reading and Writing in Liberal Arts (COMP 102)
  - Foundations/Methods of Education (PED 203)
  - Field-Based Experience (PED 111 or 121)
  - Complete the application form and submit it to the Professional Education Program Admission and Retention chairperson.
  - Meet for an interview with an admissions committee composed of a minimum of three faculty members. Recommendations without reservations must be received from the committee.
  - Express interest in teaching as demonstrated by prior experiences and activities with children.
  - Demonstrate personal traits that suggest potential for working with youth, parents, and other constituencies in education. This is determined by the evaluation from the Field-Based Experience supervisor and the admissions committee.
  - The Oklahoma Regents for Higher Education (ORU) require all students seeking a teaching certificate in any subject area to have “listening and speaking skills at the Novice High level in a language other than English.” Therefore, students must also complete one of the following Language Proficiency requirements:
    - Pass the Language Proficiency Skills Test given periodically by the English and Modern Languages Department. Currently, tests are available in Spanish, French, and German. The English and Modern Languages Department schedules the tests, and the teacher candidate must participate on the assigned day. Individual test dates for a candidate are not available. Once the teacher candidate passes this test, the Proficiency (PRF 001) will appear on the candidate’s official transcript.
    - Complete the equivalent of ORU’s elementary 102 course in a foreign language with a grade of a “C” or better.
    - Transfer foreign language to ORU.
    - Complete foreign language through the Advanced Placement program prior to matriculation.
    - Pass the foreign language CLEP test prior to matriculation.

- Teacher candidates who have not met the Professional Education Program admission requirements by the time they have completed 75 hours toward their degree are required to change majors and are not be permitted to enroll in additional courses leading to a degree in education.

Transfer Students

Transfer students are subject to the same requirements for admission to the Professional Education Program as nontransfer students. Transcripts and course descriptions from the previous school are used by the teacher candidate’s advisor and the Dean of the College of Education to determine the applicability of previous coursework to the ORU Professional Education Program.

- A Petition to Transfer form must be completed with required signatures and course description(s) for each course to be transferred to ORU. A copy of the course description from the catalog of the previous college or university and a copy of the transcript must accompany the Petition to Transfer before submitting it for signatures.
- Transfer of courses to undergraduate or graduate degree programs that prepare teacher candidates for professional certification or licensure may not apply to degree requirements if such transfer of courses is prohibited or restricted by state law, regulations of the Oklahoma State Regents for Higher Education, or specific requirements for professional certification or licensure.

**Notification of Admission Decision**

The teacher candidate will receive written notification of acceptance or rejection of the application for admission to the Professional Education Program. Applicants denied admission may submit an appeal to the College of Education Faculty Assembly. If rejected by the Senate, an appeal can be submitted to the Dean of the College of Education, whose decision is final. Admittance to the Professional Education Program does not of itself assure the teacher candidate of becoming a teacher. In addition to the specified number of hours with the designated GPA, candidates for teaching are viewed in light of their total educational, social, and professional qualifications.

**Retention Requirements**

Retention in the Professional Education Program (PEP) is required in order to graduate from one of the education programs in the College of Education, College of Arts and Cultural Studies, or College of Science and Engineering.

**Grade Point Average**

Teacher candidates admitted to the Professional Education Program must maintain a GPA of at least 2.50 in order to remain in the program. Any student whose GPA falls below 2.50 is placed on probation. If after one semester on probation his or her GPA is still below 2.50, the candidate is dropped from the program and will no longer be eligible to enroll in education courses until the GPA is 2.50 or above.

Oral Roberts University retention policy states that no grade below “C” may apply toward the major, concentration, or professional education courses. A course in which a “D” is earned may apply only toward general education, minor, cognate, and general elective degree requirements.

**State Examinations**

The Oklahoma Commission for Teacher Preparation requires passing grades on the Oklahoma General Education Test (OGET), the Oklahoma Subject Area Test (OSAT), and the Oklahoma Professional Teacher Examination (OPTE).

**Background Check and Felony Disclosure**

The Oklahoma 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 two-year period, have you ever been convicted of a crime involving moral turpitude?

If the answer to either of the preceding questions is “Yes,” applicants are required to state the nature of the charge and the court in which they were convicted.

**Portfolio**

Teacher education in Oklahoma is competency-based with three integrated knowledge bases: general knowledge, subject matter, and pedagogy (teaching methods). Programs include extensive field experiences and the ongoing development of an electronic professional portfolio in which teacher candidates record, integrate, and reflect on their preservice experiences in the programs.

In accordance with the requirements of the Oklahoma Commission for Teacher Preparation (OCTP), the College of Education at Oral Roberts University requires all education majors to prepare an electronic portfolio. The OCTP defines a portfolio as follows: “A documented profile of an individual's accomplishments, learning, and strengths related to the competencies, standards, and outcomes established by the Commission, State Regents, State Department of Education, and institution [ORU].” These collections of authentic, learner-specific documents are also an acknowledgment that the development of a professional educator is an individualized process. These artifacts reflect the teacher candidate’s progress over a period of time and provide useful information in assessing the success of the program in meeting its goals and maintaining the required competencies.

The portfolio process for the teacher preparation program at Oral Roberts University is divided into four levels. The entry level must be completed before the teacher candidate may complete the Professional Education Program Interview, which determines the candidate’s admission to the teacher preparation pro-
Student Teaching

Student teaching is the culminating experience of the Professional Education Program. It is during student teaching that the teacher in training puts into practice what has been learned both in the subject area and in professional education classes. Student teaching should be undertaken only upon reaching status as a senior-year teacher candidate. The candidate and advisor should discuss the point at which student teaching should be initiated.

The teacher in training must be formally admitted to the Professional Education Program before applying for student teaching, and the portfolio (phase II) must be completed prior to application. Applications for student teaching in the spring must be made by October 1 of the previous semester, and application for the fall must be made by February 15 of the previous semester. Applications are available in the College of Education office. The completed application, along with a current transcript indicating a cumulative GPA of at least 2.50, is given to the teacher candidate’s advisor. The Coordinator of Student Teaching will notify the student of his or her acceptance and the candidate’s specific placement into student teaching.

During the internship semester, all student teachers are required to attend the Professional Education Seminar/Portfolio meetings, which are held in the evenings. The Student Teacher Handbook has more information.

Program and Organizations

Student Oklahoma Education Association (SOEA). All teacher candidates automatically become a member of SOEA upon enrollment into Education Seminar. The Education Seminar course, which includes a $25 fee, pays the membership fee for SOEA, which includes insurance that covers teacher candidates when they go out to teach.

Kappa Delta Pi. Education Honor Society.

Special Opportunities

Fast Track Program (Concurrent Undergraduate and Graduate Study)

An undergraduate student with a senior classification who needs less than a full course load for graduation may be permitted to enroll concurrently in courses applicable to the graduate program on the following basis:

- Must have completed a minimum of 90 semester hours of coursework with a minimum of 3.0 GPA
- Students are required to maintain a 3.0 in undergraduate and graduate studies in order to remain in the program.
- Students may need to complete additional admission requirements.

Fast Track allows six hours a semester for the student's undergraduate senior year. A total of 12 hours only is allowed in this program. No additional tuition is charged when total hours (undergraduate plus graduate) enrolled are between 12 and 18 hours each semester. A master of arts degree may be completed within one year after the undergraduate degree is granted.

Teaching Abroad Opportunities

The teacher education department allows students many opportunities to do teaching abroad during the summer or certain semesters. Students interested in teaching abroad should speak with their advisor.

Awards

The Undergraduate Department of the College of Education offers several awards for students in one of the education majors or other areas of licensure:

- Outstanding Teacher Candidate (in elementary, special education, and early childhood)
- Most Outstanding Undergraduate Teacher Candidate
- Outstanding Senior Portfolio
- William C. McQueen Children’s Literature Award
- Mauldin Ray Outstanding Undergraduate Award

Scholarships

The Undergraduate Department of the College of Education has several scholarships for students pursuing a degree in education. Students from all education certification areas are eligible to apply, and admission to the College of Education is required for all scholarships. Students need to contact the College of Education for applications, which are due in January of the preceding school year. Additional information is available in the College of Education.

The Temple Scholarship is awarded to an undergraduate student and requires the student to commit to teaching in a Tulsa area school upon graduation. The award amount is $5000 per year.

The Nina Curtis Jacke, Ruth Lucardie, and Frank and Juliane Yeneca scholarships are all awarded to College of Education students based on scholarship and need. The award amount varies.

The Helen Tyson Wares and Drs. Jonny and Radine Frisbie special education scholarships are awarded to special education majors based on scholarship and need. The award amount varies.

Professional Elementary Education Major (ELED) with Dual Licensure

Bachelor of Science

Students choosing the elementary education major earn licensure in not only elementary education but also in a second area: English as a second language, early childhood education, or special education.

General Education Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (COMP 102, 303)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 100)</td>
<td>3</td>
</tr>
<tr>
<td>Sociology (SOC 332)</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>Geography (PSC 350 lecture and lab)</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics (MAT 151, 221, 222, 232)</td>
<td>12</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>Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)</td>
<td>12</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives)</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 |

*Or approved science elective.

*At least one course must be chosen from list courses with asterisks.

Major Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELE 314 Reading and Language Arts</td>
<td>3</td>
</tr>
<tr>
<td>ELE 323 Children’s Literature and the Library</td>
<td>3</td>
</tr>
<tr>
<td>ELE 344 Elementary Reading Methods with practicum</td>
<td>4</td>
</tr>
<tr>
<td>ELE 403 Literacy Assessment with Clinical Experience</td>
<td>3</td>
</tr>
</tbody>
</table>

ESL/ECSE/SED Concentration** | 17-18 |

Major Total | 30-31 |

**Students majoring in elementary education choose a concentration in English as a second language, early childhood education, or special education.
SPECIAL EDUCATION
MILD-MODERATE DISABILITIES
MAJOR (SPED) WITH DUAL LICENSURE

Bachelor of Science

**General Education**

**Credit Hours**  
Whole Person Assessment (GEN 099) 0  
English (COMP 102, 303) 6  
Oral Communication (COM 101) 3  
Sociology (SOC 333) 3  
Biblical Literature (BLIT 110, 120) 6  
Theology (THE 103) 3  
American History (HIS 101) 3  
American Government (GOV 101) 3  
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) 4.5  
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives) 4  
Mathematics (MAT 151, 221, 222, 223) 12  
American History (HIS 101) 3  
American Government (GOV 101) 3

**Total** 67.5

.or approved science elective.

*At least one course must be chosen from courses with asterisks.

**Major**

**Credit Hours**

SED 313 Assessment and Program Planning 3  
SED 323 Parents and Families of Students with Special Needs 3  
SED 352 Behavior Management Strategies 2  
SED 363 Effective Instruction for Students with Mild-Moderate Disabilities 3  
SED 403 Methods, Strategies, and Techniques for Teaching Students with Mild Disabilities 3  
SED 423 Issues, Trends, and Curriculum Modification in Special Education 3

**Total** 30

**Elementary Education Concentration (ELEC)**

**Credit Hours**

ELE 314 Reading and Language Arts 3  
ELE 323 Children’s Literature and the Library 3  
ELE 344 Elementary Reading Methods with practicum 4  
ELE 403 Literacy Assessment with Clinical Experience 3

**Total** 13

**Professional Education**

**Credit Hours**

PED 100 Education Seminar (every semester) 0  
Choice of one of the field-based courses: 1

**Total** 1

**Total Degree** 131.5

**EARLY CHILDHOOD EDUCATION MAJOR (ECH) WITH DUAL LICENSURE**

**Bachelor of Science**

Students choosing the early childhood education major earn licensure in not only early childhood education but also in a second area, either English as a second language or special education.

**General Education**

**Credit Hours**

Whole Person Assessment (GEN 099) 0  
English (COMP 102, 303) 6  
Sociology (SOC 333) 3  
Oral Communication (COM 101) 3  
Biblical Literature (BLIT 110, 120) 6  
Theology (THE 103) 3  
Mathematics (MAT 151, 221, 222, 223) 12  
American History (HIS 101) 3  
American Government (GOV 101) 3  
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) 4.5  
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives) 4

**Total** 67.5

*Or approved science elective.

*At least one course must be chosen from list courses with asterisks.

**Elementary Education Concentration (ELEC)**

**Credit Hours**

ELE 314 Reading and Language Arts 3  
ELE 323 Children’s Literature and the Library 3  
ELE 344 Elementary Reading Methods with practicum 4  
ELE 403 Literacy Assessment with Clinical Experience 3

**Total** 13

**Professional Education**

PED 100 Education Seminar (every semester) 0  
Choice of one of the field-based courses: 1

**Total** 1

**Total Degree** 131.5
### Major

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ECE 212</td>
<td>Foundations of Early Childhood and Physical Education</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 Practice</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 Practice</td>
<td>4</td>
</tr>
<tr>
<td>ELE 403</td>
<td>Literacy Assessment with Clinical Experience</td>
<td>3</td>
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<tr>
<td>ESL/SED Concentration**</td>
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<td>9-14</td>
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</table>

Total Major: 31-36

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

### English as a Second Language Concentration (ELC)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ESL 343</td>
<td>TESL Methods and Materials</td>
<td>3</td>
</tr>
<tr>
<td>ESL 393</td>
<td>TESL Assessment</td>
<td>3</td>
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<tr>
<td>ESL 413</td>
<td>Cross-Cultural Communication</td>
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</table>

ESLC Concentration Total: 9

**English as a Second Language Concentration (ELC)

### Special Education Concentration (SEDC)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<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>SED 423</td>
<td>Issues, Trends, and Curriculum Modification in Special Education</td>
<td>3</td>
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</table>

SEDC Concentration Total: 14

### Professional Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PED 100</td>
<td>Education Seminar (every semester)</td>
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</tr>
<tr>
<td>PED 111</td>
<td>Field-Based Experience/Practicum*</td>
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<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>
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<tr>
<td>PED 361</td>
<td>Professional Education Seminar/Portfolio (2 semesters)</td>
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<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 Education</td>
<td>3</td>
</tr>
<tr>
<td>PED 465</td>
<td>Student Teaching: Early Childhood</td>
<td>4</td>
</tr>
<tr>
<td>PED 475</td>
<td>Student Teaching: Elementary**</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>
</tbody>
</table>

Professional Education Total: 34

### Degree Requirements

Students transferring from TCC and pursuing a bachelor's degree in professional elementary education at ORU need to take the courses as indicated in the following degree plans. All TCC students interested in one of these majors need to take the following general education courses at TCC.

#### TCC General Education

- English (ENGL 1113, 1213) 6
- Speech Communication (SPCH 1113) 3
- US History (HIST 1483 or 1493) 3
- Humanities Electives 6
- American Government (POLI 1113) 3
- Science (Biol 1114, PSC 1114) 8
- Mathematics (MATH 1473) 3
- Social Sciences (PSYC 1113) 3

#### B.S. Degree in Professional Elementary Education

Students seeking an associate's degree in education from TCC and a bachelor's degree in professional elementary education earn a teaching license in not only elementary education but also in a second area: English as a second language or early childhood education. The second area is completed by choosing the appropriate concentration. Students seeking this program take courses and earn credit hours in the following areas:

- **TCC Associate's Degree Total:** 63 hrs.
  - TCC general education (35 hrs.)
  - TCC education electives (28 hrs.)

- **ORU Total:** 71 hrs.
  - ORU general education (15-19 hrs.)
  - ORU elementary education major (13 hrs.)
  - Concentration (15-18 hrs.)
  - Professional education (24-25 hrs.)

- **TCC-ORU Bachelor's Degree Total:** 134

#### ORU General Education

- Whole Person Assessment (GEN 099) 0
- English (COMP 303) 3
- Biblical Literature (BLIT 110, 120) 6
- Theology (THE 103) 3
- Science Lecture and Lab (PSC 350) 4
- Geography (PSC 350 lecture and lab*) 4
- Health, Physical Education, and Recreation (HEP 001 and 002, swimming course or proficiency, one elective)

*Required only for students choosing the early childhood concentration.

**Social Sciences (PSYC 1113) 3

### ORU Elementary Education Total

- ELE 314 Reading and Language Arts 3
- ELE 323 Children's Literature and the Library 3
- ELE 344 Elementary Reading Methods 4
- ELE 403 Literacy Assessment 3

**Prereq: CPR/First Aid Proficiency 0

### ORU Professional Education Total

- PED 100 Education Seminar** 0
- PED 111 Field Experience—Elementary*** 1
- PED 202 Foundations of Education 3
- PED 222 School Healthcare 1
- PED 361 Professional Education Seminar/Portfolio 0
- PED 363 Educational Technology 3
- PED 372 Classroom Management 3
- PED 382 Educational Assessment 3
- PED 401 Instructional Methods and Strategies: Elementary, Early Childhood, and Special Education 3
- PED 465 Student Teaching: Early Childhood 4
- PED 475 Student Teaching: Elementary 4

**Must be taken each semester the student is enrolled in this major.

***Required only for students choosing the English as a second language concentration.

### Concentration: Early Childhood Education

Students in the elementary education program need to choose either the early childhood education concentration (ECE) or English as a second language concentration (ESL).

#### TCC Elementary Education Program Total

- Education (CHLD 2031, 2213, 2513) 7
- Humanities Elective 3
- Mathematics (MATH 2193, 2423, elective) 9
- Psychology (PSYC 2023) 3
- Foreign Language (1103, 1213) 6

#### ORU ECE Concentration

- ECE 212 Foundations of Early Childhood Education and Physical Development 3
- ECE 303 Symbol Development and Creativity 3
- ECE 313 Psychosocial Development and Guidance 3
- ECE 323 Cognitive Development 3
- ESL 303 TESL Principles 3

### Concentration: English as a Second Language

Students in the elementary education program need to choose either the early childhood education concentration (ECE) or English as a second language concentration (ESL).
### Departmental Courses

#### (Undergraduate)

Descriptions of the undergraduate courses listed below are at the end of this catalog. Course descriptions are alphabetical by the prefix.

**Early Childhood Education**
- **ECE 212** Foundations of Early Childhood Education and Physical Development
- **ECE 250** Infant and Toddler Development
- **ECE 303** Symbol Development and Creativity of the Young Child
- **ECE 313** Psychosocial Development and Guidance of the Young Child
- **ECE 323** Cognitive Development of the Young Child
- **ECE 999** Elective

**Elementary Education**
- **ELE 314** Reading and Language Arts
- **ELE 323** Children’s Literature and the Library
- **ELE 344** Elementary Reading Methods
- **ELE 403** Literacy Assessment with Clinical Experience
- **ELE 490** Research in Elementary Education
- **ELE 999** Elective

**English as a Second Language**
- **ESL 303** TESL Principles
- **ESL 315** Descriptive Linguistics
- **ESL 316** Sociolinguistics
- **ESL 343** TESL Methods and Materials
- **ESL 353** TESL Curriculum Design
- **ESL 393** TESL Assessment
- **ESL 413** Cross-Cultural Communication
- **ESL 999** Elective

**Professional Education**
- **PED 100** Education Seminar
- **PED 104** Prior Learning Assessment
- **PED 111** Field-Based Experience (Elementary)
- **PED 121** Field-Based Experience (Secondary)
- **PED 203** Foundations and Methods of Education
- **PED 222** School Health Care
- **PED 305** Pedagogy I
- **PED 306** Pedagogy II
- **PED 313** Human Growth and Development
- **PED 361** Professional Education Seminar/Portfolio
- **PED 363** Educational Technology
- **PED 372** Classroom Management and Educational Law
- **PED 382** Educational Assessment
- **PED 401** Instructional Methods and Strategies: Elementary, Early Childhood, and Special Education
- **PED 409** Instructional Methods and Strategies: Secondary and K-12

**ESL 353** TESL Curriculum Design 3
**ESL 343** TESL Methods and Materials 3
**ESL 303** TESL Principles 3
**ORU ESL Concentration** 18 hrs.
- **ESL 303** TESL Principles 3
- **ESL 315** Descriptive Linguistics 3
- **ESL 343** TESL Methods and Materials 3
- **ESL 353** TESL Curriculum Design 3
- **ESL 393** TESL Assessment 3
- **ESL 413** Cross-Cultural Communication 3

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### 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

### MASTER PROGRAMS

The master programs offer a master of arts in teaching (M.A.T.) and a master of education (M.Ed.) degrees and gives students a choice of one of four areas: (1) initial teaching with public school licensure, (2) initial teaching with public school alternative licensure, (3) school administration, and (4) curriculum and instruction. The coursework is specifically designed to meet the needs of the students in the given area. All of the graduate education programs are accredited by the National Council for Accreditation of Teacher Education (NCATE). The teacher/administrator programs designated for licensure or certification are accredited by the Oklahoma Commission for Teacher Preparation. All master’s degrees from the Graduate School of Education must be completed within five years.

**Admission to the Program**

To qualify for one of the major of arts (M.A.) or master of teaching (M.A.T.) programs, the applicant should have a baccalaureate degree with a minimum grade point average of 3.0 (on a 4.0 scale) from a regionally accredited institution. To apply for admission, the applicant must submit the materials listed below to the Graduate School of Education for evaluation.

**Degree-Seeking Students**

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

- Application for admission including a signed Honor Code pledge and personal sketch
- $35 application fee
- Two academic/professional recommendations
- One clergy recommendation
- Baccalaureate degree from a regionally accredited institution (official transcript from each college/university attended)
- Graduate Record Exam (GRE) score of at least 800 or Miller Analogies Test (MAT) score of at least 400
- Test of English as a Foreign Language (TOEFL) score of 550 for non-native English speakers or a 7.0 or better on the IELTS
- International applicants are required to provide an affidavit of support and bank statements verifying their ability to pay the tuition, fees, and other expenses.
- Personal essay of 300 words defining the applicant's educational and personal goals, experiences, etc.
- Grade point average of 3.0 on a 4.0 scale
- Students may transfer nine semester hours of graduate course toward a masters degree, providing the courses are approved by the ORU Graduate School of Education.
- Students possessing a baccalaureate degree may be granted conditional or probationary admission with prescribed deficiencies when any of the above criteria are not met. Students on a conditional or probationary status will not be allowed to proceed beyond 12 credit hours of work toward a degree program in the Graduate School of Education.

**Non-Degree-Seeking Students**

For various reasons students may choose to take courses without seeking a degree. Non-degree-seeking students may complete 12 hours of coursework before declaring a degree; otherwise coursework beyond 12 credit hours is not applicable to a degree.

Non-degree-seeking students must maintain a 3.0 GPA while in graduate school. Students desiring to change from a non-degree status to a degree program, need to reapply and meet all admissions criteria as stated above. Admission for non-degree status requires the following:

- Baccalaureate degree from a regionally accredited institution (Official transcripts must be provided.)
- Non-degree application form
- $35 application fee

**Fast-Track Program (Concurrent Undergraduate and Graduate Study)**

An undergraduate student with a senior classification who needs less than a full course load for graduation may be permitted to enroll concurrently in courses applicable to the graduate program on the following basis:

- Must have completed a minimum of 90 semester hours of coursework with a minimum of 3.0 GPA
- Students are required to maintain a 3.0 in undergraduate and graduate studies in order to remain in the program.
- Students may need to complete additional admission requirements.

**Readmission**

If students fail to take at least one course per year, they must file for readmission. Full-time students who are readmitted and are enrolled continuously until graduation must fulfill the degree requirements of the year.
in which they re-enrolled. An exception may occur with changes in State of Oklahoma certification requirements. Part-time students must fulfill the degree requirements of the year of their graduation.

Enrollment and Retention

Upon admission to a graduate program in the College of Education, students meet with their advisors to complete a degree plan sheet. The degree plan and all accompanying documents should be completed during the first enrollment. The Graduate Education Student Handbook has additional information.

- A student must enroll in at least nine hours per semester to be considered a full-time student. (A course load of 4.5 to 6.5 qualifies the student as half-time.)
- Students whose programs are designed for licensure/credential need to have all transcripts evaluated by an advisor.
- A graduate student in the College of Education who receives a graduate assistantship must register on a full-time basis and cannot be on probation of any type.
- Comprehensive written examinations are required of students pursuing a master of arts degree. An oral examination covering the thesis research is required of students pursuing the thesis option of the masters degree.
- Graduate students are required to maintain a 3.0 cumulative G.P.A. to remain in good standing. Students who fail below this level are placed on probation. Students whose cumulative grade point average remains below 3.0 for two consecutive semesters are subject to suspension from the program.
- All students enrolled in any of the graduate programs in the College of Education are required to develop an electronic, web-based portfolio (ePortfolio) that documents the student’s progress through the degree. Specific requirements are detailed in the program handbook and the portfolio handbook.
- Grade point average of 3.0 on a 4.0 scale

Awards

The College of Education annually presents the following Outstanding Graduate Education awards:

- Master of Education
- Master of Arts in Teaching
- Doctor of Education

Teaching (MATL)

Teaching (MATL) with Public School Licensure

Master of Arts in Teaching

This program is designed for the college graduate desiring to earn a master of arts degree while preparing for an alternative teaching license. As each state has specific requirements for the alternative teaching license, graduate students completing this degree should meet with their advisors in the Graduate School of Education for a more thorough explanation of the available options and requirements. Participants in this program may be required to take leveling courses in addition to courses required for the degree. Leveling courses are courses at the undergraduate level that help prepare students for the courses in this degree.

ORU Distinctive Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHPE 503</td>
<td>Graduate Health Fitness</td>
<td>.5</td>
</tr>
<tr>
<td>GPED 650</td>
<td>Student Teaching</td>
<td>10</td>
</tr>
</tbody>
</table>

Degree Total: 33

*The Student Teaching Away distance is defined as at least a 50-mile radius from ORU. This course has a $1000 course fee.

Teaching (MATL) with Public School

Alternative Licensure

Master of Arts in Teaching

This program is designed for the college graduate desiring to earn a master of arts degree while preparing for an alternative teaching license. As each state has specific requirements for the alternative teaching license, graduate students completing this degree should meet with their advisors in the Graduate School of Education for a more thorough explanation of the available options and requirements. Participants in this program may be required to take leveling courses in addition to courses required for the degree. Leveling courses are courses at the undergraduate level that help prepare students for the courses in this degree.

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</tr>
<tr>
<td>GPED 650</td>
<td>Student Teaching</td>
<td>10</td>
</tr>
</tbody>
</table>

Degree Total: 33

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

Professional Education

GPED 593 History and Philosophy of Education 3
GPED 506 Pedagogy I 4
GPED 507 Pedagogy II 4
GPED 641 Instructional Methods and Strategies: Secondary and K-12 3
GPED 683 Educational Research Design 3
GCSE 643 Issues in Education 3
GCSE Curriculum Elective 3

Choice of ten hours from the following:

GPED 883 Student Teaching: 7-9 (5 hrs.) 10
GPED 695 Student Teaching: 10-12 (5 hrs.) 10
GPED 850 Student Teaching Away* (10 hrs.) 10

Professional Education Total: 33

Degree Total: 36-36.5

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

Curriculum and Instruction (CURI)

Master of Education

This program is designed for the college graduate interested in acquiring professional skills in curriculum development. Students receive training in critical assessment of curricula, as well as skill in the development of new curricula to meet particular educational needs.

ORU Distinctive Courses

<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 506</td>
<td>Pedagogy I</td>
<td>4</td>
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<tr>
<td>GPED 507</td>
<td>Pedagogy II</td>
<td>4</td>
</tr>
<tr>
<td>GPED 641</td>
<td>Instructional Methods and Strategies: Secondary and K-12</td>
<td>3</td>
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<tr>
<td>GPED 683</td>
<td>Educational Research Design</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 643</td>
<td>Issues in Education</td>
<td>3</td>
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<tr>
<td>GCSE</td>
<td>Curriculum Elective</td>
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<tr>
<td>GPED 685</td>
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<tr>
<td>GPED 695</td>
<td>Student Teaching: 10-12 (5 hrs.)</td>
<td>10</td>
</tr>
<tr>
<td>GPED 850</td>
<td>Student Teaching Away* (10 hrs.)</td>
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</table>

Professional Education Total: 33

*With advisor approval.

Curriculum Specialization

<table>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>GCSE 533</td>
<td>Survey of Christian School Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 673</td>
<td>Internship (Curriculum)</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 713</td>
<td>Educational Leadership and Supervision</td>
<td>3</td>
</tr>
<tr>
<td>GPED 504</td>
<td>Curriculum Theory and Policy</td>
<td>3</td>
</tr>
<tr>
<td>GPED 753</td>
<td>Curriculum Design and Instruction</td>
<td>3</td>
</tr>
<tr>
<td>GPED 855</td>
<td>Instructional Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>GCSE 690</td>
<td>Directed Study</td>
<td>3</td>
</tr>
</tbody>
</table>

Curriculum Specialization Total: 18

Degree Total: 36-36.5

GPED 508 Pedagogy II 4
GPED 584 Internship in K-12/Secondary Education 3
GPED 641 Instructional Methods and Strategies: Secondary and K-12 3
GPED 683 Educational Research Design 3
GCSE 643 Issues in Education 3
GCSE/TESL Electives 10

Professional Education Total: 33

Degree Total: 36-36.5
SCHOOL ADMINISTRATION
(ADMS)

Master of Education

This program is designed for the college graduates interested in serving as a principal or school administrator in an elementary, middle school, or secondary setting. Students in this program choose a concentration in Christian/private education or in public education. The concentration in public schools prepares the student for Oklahoma State certification as elementary, middle school, or secondary school principal; certification is an option for the Christian/private school concentration. Students seeking State certification may not take more than eight credit hours of the degree program through correspondence and directed study combined. For Oklahoma certification, students must also pass the state examinations and meet internship and portfolio requirements.

Preparation for leadership in private Christian schools provides an in-depth study of the philosophy affecting organization and administration of schools, and extensive practical training is provided through clinical experiences.

Students choosing the concentration in public school administration become a certified elementary, middle school, or secondary principal while obtaining a master of arts degree. Courses are selected based on competencies covered on examinations for Oklahoma State certification.

ORU Distinctive Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
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</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>GHPE 515</td>
<td>Graduate Aerobics</td>
<td>5</td>
</tr>
<tr>
<td>GHPE 525</td>
<td>Graduate Walk for Fitness</td>
<td>3</td>
</tr>
<tr>
<td>HPE</td>
<td>Activities course</td>
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</tbody>
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*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 Name</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>GPED 503*</td>
<td>History and Philosophy of Education</td>
<td>3</td>
</tr>
<tr>
<td>GPED 683</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>
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</tbody>
</table>

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

Christian School Administration Concentration (CSAC)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>GPED 593</td>
<td>Assessment and Evaluation in Education</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 (PSAC)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</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 Adminstration</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

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 superintendentency 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 colleges and departments within the university. The following items are required to be in the candidate’s portfolio:

- Application for admission. Doctorate in Education (Ed.D.) plus the application fee of $35.
- Official transcripts. Official transcripts of all college and university academic work.
- Four recommendations. Three recommendation forms completed by education professionals with 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.
- Test of English as a Foreign Language (TOEFL) score of 550 for non-native English speakers or a 7.0 or better on the IELTS

International applicants are required to provide an affidavit of support and bank statements verifying their ability to pay the tuition, fees, and other expenses.

In considering a candidate for admission, the faculty committee considers such items as a match of the Ed.D. program to career goals, space in the program, value-added diversity (age, gender, ethnicity, interests, talents, and geographic origin), and strength of recommendations. The committee may recommend unconditional admission, admission with specified conditions, admission on probation, or may deny admission. The admissions committee may also decide that leveling courses may be required of some applicants. (Leveling courses are courses at the undergraduate level that help prepare students for courses in the graduate degrees.)

Transfer Credit

Candidates for the Ed.D. degree may request transfer of up to 12 credit hours of post-masters degree study from other institutions if the courses are appropriate to the ORU program, (2) if grades earned were 3.0 or higher, and (3) if the coursework was completed within 7 years of the date of application for admission. Transfer courses may not have been used for any other degree program.

Candidates for admission who are actively enrolled in an approved doctoral program in another regionally accredited university, who have an approved doctoral degree plan (Ed.D. or Ph.D.) on file at that university, or who are presently enrolled in or who have completed an Education Specialist (Ed.S.) degree from an approved college or university, and who desire to transfer the degree program/plan to ORU, may be considered for admission to the doctoral program. Such candidates may qualify to transfer up to 30 credit hours of coursework, provided the courses are congruent with those offered as part of the ORU Ed.D. degree program and with a provision that the final 30 credit hours, including dissertation and the doctoral core courses, are completed at Oral Roberts University.

Enrollment and Retention

Upon admission to the Ed.D. program, students meet with their advisors to prepare for the course of study. Students need to complete several requirements—in addition to the coursework—in order to continue in the doctoral program.

Course Load

The full-time load for doctoral students in the Graduate School of Education is six hours per semester while enrolled in the course-work phase of the program. Two hours per semester constitutes a full-time load when enrolled in dissertation. Students in the dissertation phase are required to enroll in a minimum of two credits for the fall and spring semesters (continuous enrollment) until their dissertation is successfully defended or the student is withdrawn from the program. The student must complete a minimum of eight dissertation credit hours.

Grade Point Average

Doctoral students are required to maintain a 3.0 cumulative GPA to remain in good standing. Students who fall below this level are placed on probation. Students whose cumulative grade point average remains below 3.0 for two consecutive semesters are subject to suspension from the program. Doctoral students must retake any doctoral core course in which they
earn any grade below a B. The Graduate School of Education handbook has additional guidelines.

Comprehensive Examinations

Comprehensive oral and written examinations are required of students pursuing the Ed.D. degree. The written examinations take place over several days. Both the oral and written examinations are scheduled by the Graduate School of Education and must be taken on campus. More information is available in the College of Education handbook.

EDUCATIONAL LEADERSHIP (EDL)

Doctor of Education

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

ORU Distinctive Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credit Hours</th>
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<tbody>
<tr>
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<td>GHPE 503</td>
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<td>GHPE 515</td>
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<td>ORU Distinctives Total</td>
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</table>
*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

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<th>Course Code</th>
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<tbody>
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Dissertation Block

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</table>

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

Higher Education Administration Concentration (HEAC)

This concentration is specifically designed for an experienced school educator interested in advanced study to prepare for an executive or leadership assignment in postsecondary schools, colleges, and universities.

<table>
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<th>Credit Hours</th>
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<tbody>
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<tr>
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<td>Degree Total</td>
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</table>
*With advisor approval. Students may be required to take GPED 583 and 683 if they have not taken these at the master’s level.

Public School Administration Concentration (PADC)

This concentration is specifically designed for an experienced educator interested in advanced study to prepare for administrative assignments in public or private sector educational leadership assignments or executive assignments in public, Christian, or private schools that require state certification as a superintendent of schools.

According to the Oklahoma Commission for Teacher 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

<table>
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<th>Course Code</th>
<th>Credit Hours</th>
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Christian School Education

This concentration is specifically designed for a Christian school educator interested in advanced study to prepare for executive or leadership assignments in a Christian elementary and/or secondary school.

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</table>

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

Departmental Courses (Graduate)

Course descriptions for the graduate courses listed below are at the end of this catalog. Course descriptions are alphabetical or by the prefix.

Administration

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Early Childhood Education

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Teacher Education

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### Graduate Professional Education

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<td>GPED 502</td>
<td>Health Care for Education Majors</td>
</tr>
<tr>
<td>GPED 503</td>
<td>History and Philosophy of Education</td>
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<tr>
<td>GPED 504</td>
<td>Curriculum Theory and Practice</td>
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<tr>
<td>GPED 505</td>
<td>Pedagogy I</td>
</tr>
<tr>
<td>GPED 506</td>
<td>Pedagogy II</td>
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<td>GPED 513</td>
<td>Human Growth and Development</td>
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<tr>
<td>GPED 533</td>
<td>Advanced Educational Psychology</td>
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<tr>
<td>GPED 563</td>
<td>Educational Technology</td>
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<tr>
<td>GPED 571</td>
<td>Professional Education Seminar/Portfolio</td>
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<tr>
<td>GPED 572</td>
<td>Classroom Management and Educational Law</td>
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<td>GPED 582</td>
<td>Educational Assessment</td>
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<tr>
<td>GPED 583</td>
<td>Statistical Research Methods</td>
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<tr>
<td>GPED 584</td>
<td>Internship in K-12/Secondary Education</td>
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<tr>
<td>GPED 593</td>
<td>Assessment and Evaluation in Education</td>
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<tr>
<td>GPED 650</td>
<td>Student Teaching: Away</td>
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<td>Student Teaching: Early Childhood</td>
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<tr>
<td>GPED 670</td>
<td>Early Childhood Internship</td>
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<td>GPED 675</td>
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<td>GPED 683</td>
<td>Educational Research Design</td>
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<td>Advanced Psychology of Childhood and Adolescence</td>
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<td>GPED 713</td>
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<td>School Finance</td>
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<td>GPED 733</td>
<td>School Law/Legal Issues in Education</td>
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<td>GPED 743</td>
<td>Organization and Administration of Public Schools</td>
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<td>GPED 753</td>
<td>Curriculum/Instructional Design and School Services</td>
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<td>GPED 763</td>
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<td>GPED 773</td>
<td>School Public Relations</td>
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<td>GPED 783</td>
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<td>Internship/PRACTicum in Secondary Administration</td>
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<td>GPED 803</td>
<td>Guidance and Counseling for Elementary School</td>
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<td>GPED 813</td>
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<td>GPED 823</td>
<td>Group Relations/Multicultural Education</td>
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<td>Organization and Supervision of Programs for Exceptional Individuals</td>
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<td>GPED 835</td>
<td>Advanced Theories of Learning and Brain Research</td>
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<td>Instructional Theory and Practice</td>
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### Graduate Special Education

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<tr>
<td>GSED 523</td>
<td>Parent and Families of Students with Special Needs</td>
</tr>
<tr>
<td>GSED 553</td>
<td>Introduction to Special Education: Mild-Moderate Disabilities</td>
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<tr>
<td>GSED 563</td>
<td>Effective Instruction for Students with Mild-Moderate Disabilities</td>
</tr>
<tr>
<td>GSED 613</td>
<td>Assessment and Program Planning</td>
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<td>GSED 623</td>
<td>Issues, Trends, and Curriculum Modification in Special Education</td>
</tr>
<tr>
<td>GSED 652</td>
<td>Behavior Management Strategies</td>
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### Teaching English as a Second Language

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<td>TESL 513</td>
<td>Cross-Cultural Communication</td>
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<td>TESL 515</td>
<td>Descriptive Linguistics</td>
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<td>TESL 516</td>
<td>Sociolinguistics</td>
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<td>TESL 518</td>
<td>TESL Seminar</td>
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<tr>
<td>TESL 543</td>
<td>TESL Methods and Materials</td>
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</table>
ANNA VAUGHN COLLEGE OF NURSING

Kenda Jezek, Ph.D., Dean

MISSION STATEMENT: The mission of the Anna Vaughn College of Nursing is to prepare professionally competent graduates—whole in spirit, mind, and body—who go into every person's world to address physical, psychosocial, and spiritual health of individuals, families, communities, and populations through the ministry of nursing.

FACULTY

Lenore Butay...........................................Instructor
B.S., Grinnell College, 1975; B.S.N., Creighton University, 1978; M.S., University of Oklahoma, 1999.

Patricia Ann Catts..........................Assistant Professor
B.S.N., Oral Roberts University, 1980; M.S.N., University of Pittsburgh, 1984; Ph.D., Texas Woman's University, 2002.

Laurie Doerner..........................Assistant Professor

Kenda K. Jezek.......................Professor and Dean
B.S., Oklahoma Baptist University, 1967; M.S., University of Oklahoma, 1978; Ph.D., University of Texas, 1993.

Rebecca S. Poore...............Assistant Professor
B.S., Olivet Nazarene University, 1977; B.S., Northeastern State University, 1989; M.S., Graceland University, 2006.

Pam Shipley..........................Assistant Professor
B.S., University of Tulsa, 1978; M.S., University of Oklahoma, 1985.

Cheryl Swanson............................Assistant Professor
B.S.N., Oral Roberts University, 1987; M.S., University of Oklahoma, 2007.

Audrey Thompson.......................Assistant Professor
B.S.N., University of Oklahoma, 1989; M.S.N., Oral Roberts University, 1994; Ph.D., Texas Women's University, 2010.

OVERVIEW

The Anna Vaughn College of Nursing (AVCON) offers a generic baccalaureate program for persons initiating entry to the nursing profession and an ADN-BSN professional progression program for those persons already licensed as registered nurses who are seeking a baccalaureate degree in nursing.

Overall program goals include preparation of a graduate who demonstrates excellence in nursing practice based on current theory and research; has acquired the basic competencies for ongoing education, formal or informal; and is prepared to successfully write the RN-NCLEX exam for licensure as a registered nurse. Exploratory students who are interested in nursing should seek advisement within the College of Nursing.

Students with a nursing degree from the AVCON will find that there are great opportunities such as high job availability and career advancement. The AVCON educational experience thoroughly prepares the student for graduate courses if the student so desires.

CURRICULUM

OBJECTIVES

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

1. Synthesize knowledge of liberal arts, sciences, theories, and concepts to provide safe, evidence-based, and professional nursing.

2. Assume responsibility for the delivery of direct, delegated, and holistic nursing care across the life span of diverse individuals, families, communities, and populations.

3. Utilize evidence-based practice and nursing standards to prevent illness and to promote, maintain, and restore health in a variety of settings.

4. Implement a professional, culturally appropriate communication style in the delivery of patient care, education, and collaboration with the health care team.

5. Apply current knowledge of health care policy and use of resources in the plan and delivery of safe, fiscally responsible nursing care.

6. Utilize information technology in communication, quality improvement, and research in the delivery and management of health care.

7. Integrate Christian principles, respect of the individual, ethical behavior, evidence-based practice, cultural awareness, and collaboration into professional nursing practice.

8. Develop a personal leadership style that fosters his or her quest for wholeness through ongoing personal and professional development.

REQUIREMENTS

AND POLICIES

The ORU AVCON Student Handbook contains a complete list of the College of Nursing policies.

APPLICATION

To attend the College of Nursing, students must first apply for admission to the university. The application is available from the Admissions Office. Applicants seeking acceptance as a nursing major must meet criteria designated by the College of Nursing. Predictors of academic success include ACT/SAT scores and/or GPAs in ORU or transfer courses, particularly the science courses prerequisite to the major.

Students who have not completed a high school biology course with a grade of "C" or better must enroll in BIO 111 prior to enrolling in anatomy and physiology or microbiology.

A nursing-faculty committee reviews academic qualifications of nursing major candidates prior to admission to the first clinical nursing course (NUR 202). Formal admission to the nursing major by the committee is required before enrolling in the upper-division nursing courses (fall, junior year).

Candidates are accepted for enrollment in NUR 202 if they have completed the following:

1. Passed NUR 200, 230, and 300 with no grade below "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.


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 of the sophomore year.

6. Presented evidence of current CPR training. CPR training must be the American Heart Association Basic Life Support for Health Care Professionals.

Students for whom English is a second language must take the TOEFL (Test of English as a Foreign Language) and present a score of at least 550.

Students transferring into nursing at ORU must have an ACT composite score of 21 or higher, or a combined math and verbal SAT score of 1000 or more, or a transfer cumulative GPA of at least 3.3. Preferably the cumulative GPA includes prerequisite course grades.

CONTINUATION IN THE PROGRAM

Once admitted into the Nursing Program at ORU, students need to maintain a specified grade point average (GPA) and meet other general education and nursing requirements. Students need to consult with their advisors and keep informed about policies and requirements. It is recommended that courses be taken sequentially as presented on the degree plan; however, in some cases it is necessary to deviate from the sequence of courses projected on the degree plan sheet.

General Education

Students must have completed the general education requirements specified in the nursing degree plan for the freshman and sophomore years prior to admission to upper-division nursing courses. The sequence of general education courses may require modification for transfer students. Changes in sequence must be approved by the faculty advisor and/or dean.

• It is recommended that HUM 101 be taken before the humanities electives are taken.

• Except for when enrolled in Health Fitness I and II, students need to take an HPE activity course every semester of full-time enrollment.

• COMP 303 Critical Reading and Writing must be completed before semester 6. COMP 303 is scheduled to be taken in semester 5, the fall semester of the junior year.

• All general education courses must be completed before semester 7.

• Students may enroll in online courses prior to the senior year only with special permission of the Dean of the College of Nursing.

Nursing Courses

• Prerequisite courses must be completed prior to enrollment in the upper-division, junior/senior level courses.

• Immunizations, tuberculosis screening, and CPR training must be current throughout enrollment in clinical nursing courses.
Grade Point Averages

Students must maintain a GPA of 2.50 or above in the major, the prerequisites, and the cumulative GPA and must not have any grade below a “C” in nursing courses. Students whose nursing GPA is below 2.50 at the end of the first semester of clinical nursing courses (spring semester of the sophomore year) are placed on academic probation, and if a student is placed on academic probation in the process of earning the degree, one semester is allowed to restore the cumulative or nursing GPA of 2.5. Students may repeat a professional nursing course only with permission. A prerequisite course may not be repeated more than once to achieve a grade of “C.”

Course Load

The average course load in the bachelor of science in nursing program is 17 credit hours each semester. Students may reduce the number of credit hours of non-nursing courses required during the regular academic year by taking courses during summer sessions or online. Students must have the college dean’s permission to enroll in summer online courses prior to the senior year.

The general policy for incompletes is discussed in the Academic Information section of this catalog. Nursing courses must be completed before students can continue the nursing sequence.

Background Checks

The Oklahoma Board of Nursing requires that an applicant for a license to practice as a registered nurse shall submit to a criminal history records search conducted by the Oklahoma State Bureau of Investigation not less than three months prior to application. Some clinical experiences for nursing students are held in childcare facilities licensed by the Oklahoma Department of Human Services. Oklahoma statutes state the following:

1. “Every childcare facility shall arrange, prior to employment, for a criminal history records search to be conducted by the Oklahoma State Bureau of Investigation not less than three months prior to application.”

2. “If an employee or contract employee of the childcare facility has resided in Oklahoma for less than one (1) year, the criminal history records search shall also be obtained from such person’s previous state of residence” (10-404.1.A.4b).

Some clinical agencies that provide children’s services require that nursing students undergo criminal background checks. It is anticipated that more agencies will begin to apply the state statutes to nursing students.

Therefore, criminal background checks are conducted on all nursing students upon admission to the first clinical nursing course. Findings are filed with the university Office of Risk Management and confidentiality maintained. No student will be denied admission based on findings of the background check. However, a student needs to be aware that he or she may be denied participation in clinical learning experiences at some clinical agencies, precluding the student’s achievement of course objectives essential to program completion.

Clinical agencies also require drug screening for students participating in on-site clinical experiences. Therefore, each student must undergo a drug screening prior to admission to NUR 202 Foundations of Nursing, the first clinical nursing course.

Expenses

The cost of undergraduate education includes tuition, room and board, and general fees—all of which are covered in the “Tuition and General Fees” section of this catalog. A lab fee of $225 for students in NUR 202, 305, 307, 406, and 430 covers background checks, drug screenings, sim lab supplies, malpractice insurance, and ATI testing fees. Additional expenses include books, supplies, uniforms, immunizations, annual CPR training, travel to and from clinicals, and personal expenses. Other costs specific to the nursing program are delineated in the annual ORU College of Nursing student handbook.

NCLEX-RN Examination and Licensure for Eligibility in Oklahoma

The Oral Roberts University Anna Vaughn College of Nursing is approved by the Oklahoma Board of Nursing. Graduates of this state-approved program are eligible to apply to write the National Council Licensure Examination (NCLEX) for registered nurses. Applicants for Oklahoma licensure must meet all state and federal requirements to hold an Oklahoma license to practice nursing. In addition to completing a state-approved nursing education program that meets educational requirements and successfully passing the licensure examination, requirements include submission of an application for licensure, a criminal history records search, and evidence of citizenship or qualified alien status. To be granted a license, an applicant must have the legal right to reside in the United States (United States Code Chapter 8, Section 1621). In addition, Oklahoma law only allows a license to be issued to U.S. citizens, U.S. nationals, and legal permanent resident aliens. Other qualified aliens may be issued a temporary license that is valid until the expiration of their visa status, or if there is no expiration date, for one year. Applicants who are qualified aliens must present, in person, valid documented evidence of the following:

1. A valid, unexpired immigrant or non-immigrant visa status for admission into the United States;
2. A pending or approved application for asylum in the United States;
3. Admission into the United States in refugee status;
4. A pending or approved application for temporary protected status in the United States;
5. Approved deferred action status; or
6. A pending application for adjustment of status to legal permanent resident status or conditional resident status.

The Board has the right to deny a license to an individual with a history of criminal background, disciplinary action on another health-related license or certification, or judicial declaration of mental incompetence [59 O.S. §567.6]. These cases are considered on an individual basis at the time application for licensure is made, with the exception of felony charges. An individual with a felony conviction cannot apply for licensure for at least five years after completion of all sentencing terms, including probation and suspended sentences, unless a presidential or gubernatorial pardon is received [59 O.S. §567.5 & 567.6].

Questions regarding this policy should be directed to the Oklahoma Board of Nursing.

Oklahoma Board of Nursing
2015 N. Classen Blvd., Suite 524
Oklahoma City, OK 73106
(405) 962-1800

Clubs and Organizations

Students Nurses Association. The Oklahoma National Student Nurses Association supports and furthers the nursing students education.

Honor Society. Mu Iota chapter of Sigma Theta Tau, an international honor society for nursing students, exists to (1) recognize superior achievement, (2) recognize the development of leadership qualities, (3) foster high professional standards, (4) encourage creative work, and (5) strengthen commitment to the ideals and purposes of the profession.

Eligibility for membership is based upon outstanding scholastic achievement, superior professional accomplishments, and personal and professional commitment to excellence in nursing education, practice, and research.

Awards and Scholarships

Outstanding Nursing Student. Each year the nursing college honors a student who exemplifies outstanding qualities.

Outstanding Senior Paper. Each year the nursing college recognizes a senior student who exemplifies excellence in scholarship as evidenced by the student’s senior paper.

Scholarships. Scholarships are available for nursing majors. Students should contact the College of Nursing at extension x6198 for further information.

Nursing Major (NUR)

Bachelor of Science in Nursing

Nursing students who satisfactorily complete the four-year sequence of courses earn a Bachelor of Science in Nursing at Oral Roberts University. General education courses assist students in developing as unique individuals—body, mind, and spirit. The degree plan consists of three elements: a liberal arts/general education core (55 credit hours); prerequisite courses required for the major (25 credit hours, including 11 hours from the liberal arts core); and professional nursing courses (61 credit hours).

General Education Credit Hours

Whole Person Assessment (GEN 099) 0
English (COMP 102, 303) 6
Oral Communication (COM 101) 3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) 12
Biblical Literature (BLIT 110,120) 6
Theology (THE 103) 3
Chemistry (CHE 101 Lecture and Lab) 4
Microbiology (BIO 212 Lecture and Lab) 4
Psychology (PSY 201) 3
Mathematics (MATH 232) 3
### Degree Requirements

ADN students who have met the criteria for admission are awarded the following 32 semester hours of nursing credit:

<table>
<thead>
<tr>
<th>Advanced Placement</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 202</td>
<td>3</td>
</tr>
<tr>
<td>NUR 230</td>
<td>3</td>
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<tr>
<td>NUR 300</td>
<td>3</td>
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<tr>
<td>NUR 301</td>
<td>3</td>
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<tr>
<td>NUR 304</td>
<td>4</td>
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<tr>
<td>NUR 305</td>
<td>4</td>
</tr>
<tr>
<td>NUR 307</td>
<td>7</td>
</tr>
</tbody>
</table>

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

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

#### General Education

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (COMP 102, 303)</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
</tr>
<tr>
<td>Chemistry (CHE 101 lecture and lab)</td>
</tr>
<tr>
<td>Microbiology (BIO 212 lecture and lab)</td>
</tr>
<tr>
<td>Psychology (PSY 201)</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>
</tbody>
</table>

**Humanities (HUM 101 plus three of the following: HUM 222*, 234*, 301*, 333*, 250, 256, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)**

#### Professional Nursing Courses

<table>
<thead>
<tr>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>Health, Physical Education, and Recreation</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
</tr>
<tr>
<td>Chemistry (CHE 101 lecture and lab)</td>
</tr>
<tr>
<td>Microbiology (BIO 212 lecture and lab)</td>
</tr>
<tr>
<td>Psychology (PSY 201)</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>
</tbody>
</table>

**Community College (TCC) Total 131 hrs.**

### Transferring to ORU with an A.S. Degree (from Tulsa Community College)

An articulation agreement between Tulsa Community College (TCC) and ORU has been developed to assist students having an associate’s degree in nursing (ADN) from TCC to obtain a bachelor of science degree in nursing (BSN) at ORU. This agreement allows students from TCC to transfer to ORU and receive the maximum allowable credit towards a bachelor’s degree. Additional information is available in the admissions section of this catalog.

#### Degree Requirements

Students transferring an ADN from TCC and pursuing a bachelor’s degree in nursing at ORU need to take the courses as indicated in the following degree plan, including the following TCC general education courses.

**B.S. Degree in Nursing**

Students seeking an associate’s degree in nursing from TCC and a bachelor’s degree in nursing from ORU take courses and earn credit hours in the following areas:

- **TCC Associate’s Degree Total** 72 hrs.
  - TCC general education (38 hrs.)
  - TCC nursing program (34 hrs.)

**ORU Total** 59 hrs.

- ORU general education courses (30 hrs.)
- ORU nursing major (29 hrs.)

**TCC-ORU Bachelor’s Degree Total** 131 hrs.

*The specific courses needed to complete an associate’s degree in nursing from TCC and a bachelor’s degree in nursing from ORU are as follows:

**TCC General Education**

**Freshman Composition (ENGL 1113, 1213)** 6 hrs.
**Chemistry (CHEM 1114)** 4 hrs.
**US History (HIST 1483, 1493)** 3 hrs.
**American Government (POLI 1113)** 3 hrs.
**Biological (Biol 1224, 2134, 2514, 2516)** 16 hrs.
**Social Sciences (PSYC 1113, 2103)** 6 hrs.

**TCC General Education Total** 36 hrs.

**TCC Nursing Program**

**Nursing (NUR 1401, 1421, 1431, 1446, 1457, 2423, 2453, 2452, 2563, 2564)**

**ORU General Education**

**Whole Person Assessment (GEN 099)**
**Oral Communication (COM 101)**

### ADN to BSN Career Mobility Program

This program is designed to assist the registered nurse with an associate degree in nursing (ADN) to obtain a bachelor of science in nursing (BSN). Emphasis is on professional nursing as a ministry in meeting physical, psychosocial, and spiritual needs of individuals, families, and communities.

#### Admission Criteria

A candidate for this program must do the following:

- Meet the requirements for admission to ORU.
- Be a graduate of NLN accredited ADN programs.
- Have a cumulative associate level GPA of 2.50 on a 4.0 scale with no less than "C" in nursing or prerequisite courses.
- Be currently licensed in Oklahoma as an RN.
- Provide proof of professional liability insurance.

**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 8

(PHS 223 and PHS 224 Lectures and Labs)

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.S. Degree Total 128</td>
</tr>
</tbody>
</table>

*May be replaced with the honors equivalents.*
English (COMP 303) 3
Biblical Literature (BLIT 110, 120) 6
Theology (THE 103) 3
Mathematics (MAT 232) 3
Humanities (Choice of three from HUM 101, 222, 233, 244, 301, 333) 9
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives) 3

**ORU Nursing Major Total** 29 hrs.
NUT 201 Nutrition 3
NUR 202 Foundations of Nursing 4
NUR 230 Pathophysiology I 3
NUR 300 Health Assessment I 3
NUR 301 Pharmacotherapeutics I 3
NUR 304 Community Mental Health Nursing 3
NUR 305 Patterns of Health and Illness I 3
NUR 307 Patterns of Health and Illness II 3
NUR 400 Patterns of Health and Illness III 3
NUR 403 Patterns of Community Health Nursing 3
NUR 405 Patterns of Leadership 3
NUR 406 Patterns of Health and Illness IV 3
NUR 410 Patterns of Childbearing 3
NUR 440 Pathophysiology II 3
NUR 450 Health Assessment II 3
NUR 460 Pharmacotherapeutics II 3
NUR 477 NCLEX-RN Review 3
NUR 479 Special Topics 3
NUR 498/499 Research/Senior Paper I and II 4

**Departmental Courses**
Course descriptions for the courses listed below are at the end of this catalog. Course descriptions are alphabetical by the prefix.

**Nursing**
NUR 200 Called to Care
NUR 202 Foundations of Nursing
NUR 230 Pathophysiology I
NUR 300 Health Assessment I
NUR 301 Pharmacotherapeutics I
NUR 304 Community Mental Health Nursing
NUR 305 Patterns of Health and Illness I
NUR 307 Patterns of Health and Illness II
NUR 400 Patterns of Health and Illness III
NUR 403 Patterns of Community Health Nursing
NUR 405 Patterns of Leadership
NUR 406 Patterns of Health and Illness IV
NUR 410 Patterns of Childbearing
NUR 440 Pathophysiology II
NUR 450 Health Assessment II
NUR 460 Pharmacotherapeutics II
NUR 477 NCLEX-RN Review
NUR 479 Special Topics
NUR 498 Research/Senior Paper I
NUR 499 Research/Senior Paper II
NUR 999 Elective

**Nutrition**
NUT 201 Nutrition
NUT 999 Elective
COLLEGE OF SCIENCE AND ENGINEERING

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

MISSION STATEMENT: The College of Science and Engineering at Oral Roberts University trains and equips students in the discovery and application of scientific knowledge for the glory of God and the advancement of His kingdom. Students develop professional competencies in scientific understanding and problem solving skills from a Christian worldview. These tools allow them to respond to God’s call to positively impact the fields of science and engineering and assist in the healing of the human condition.

FACULTY

Lois Ablin.............Associate Professor of Chemistry
B.A., Augustana College, 1961; Ph.D., University of Nebraska, 1972.

Robin Akkar.............Assistant Professor of Physics
B.S., University of Punjab, 1964; M.S., 1967.

Rachel Budvich.........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

William B. Collier........Professor of Chemistry
B.S., Oral Roberts University, 1977; M.S., Oklahoma State University, 1981; Ph.D., 1983.

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

Tony Domeck.............Instructor of Health, Physical Education, and Recreation
B.S., University of Idaho, 1986; M.B.A., Embry Riddle University, 1989.

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

Dave R. Eland...........Professor of Computer Science
B.S., Oral Roberts University, 1969; M.S., University of Tulsa, 1971; Ph.D., University of Illinois, 1975.

Lanny R. Endicott.........Associate Professor of Social Work
B.S., Southwest Missouri State University, 1966; M.R.E., Southwestern Baptist Theological Seminary, 1971; M.S.S.W., University of Missouri, 1971; D.Min., Midwestern Baptist Theological Seminary, 1985.

Ralph Fagin.............Professor of Sociology and Provost
B.A., Oral Roberts University, 1970; M.S., Oklahoma State University, 1972; Ph.D., 1974.

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

Joel Gaikwad.............Associate Professor of Biology

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

Elena G. Gregg...........Assistant Professor of Engineering
B.S., St. Petersburg State University, 1977; M.S., 1980; Ph.D., State Optical Institute of St.Petersburg, 1995.

Dominic M. Halsmer.........Professor of Engineering and Dean of the College of Science and Engineering
B.S., Purdue University, 1985; M.S., 1986; Ph.D., University of California, 1992; P.E., 1995.

Roger D. Hartman.........Professor of Physics
A.B., William Jewell College, 1958; M.S., University of Arkansas, 1960; Ph.D., Oklahoma State University, 1967.

Stephen H. Hunsaker........Professor of Physical and Environmental Science
B.S., Juniata College, 1967; M.S., University of Iowa, 1971; Ph.D., Oklahoma State University, 1991.

Fritz Huber............Associate Professor of Health, Physical Education, and Recreation; and Chair of the Health, Physical Education, and Recreation Department

Scarlita Johnson............Assistant Professor of Health, Physical Education, and Recreation
B.S., Illinois State University, 1975; M.S., Western Illinois University, 1982.

Robert Kiel...............Assistant Professor of Social Work
B.A., Oral Roberts University, 1989; M.S.W., Marywood College, 1999.

Catherine Klehm.......Associate Professor of Chemistry

John Korstad............Professor of Biology
B.A., B.S., California Lutheran College, 1972; M.S., California State University, 1980; M.S., University of Michigan, 1979; Ph.D., 1985.

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

Robert Leland.........Professor of Engineering and Physics
B.S., Massachusetts Institute of Technology, 1978; M.S.E., University of California, 1982; Ph.D., 1988.

Sophie Xiaokun Liu.......Professor of Engineering
B.S., Sichuan University, 1982; M. Eng., Xiyan University, 1992; Ph.D., National University of Singapore, 1997.

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

Xiaomin Ma................Associate Professor of Engineering and Physics
B.S., Zhejiang University, 1984; M.S., Beijing University of Aeronautics and Astronautics, 1989; Ph.D. Beijing University of Posts and Telecommunications, 1999.

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

John Matson..........Professor of Engineering and Chair of the Engineering, Computer Science, Physics, and Mathematics Department

Judith Mayton..Assistant Professor of Sociology
B.A., University of Southern Mississippi, 1965; M.S., Northeastern State University, 1988.

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

Sarah E. Myer............Associate Professor of Biology

Kenneth Preston...........Associate Professor of Computer Science

Hal Reed..........................Professor of Biology and Chair of the Biology and Chemistry Department
B.S., Oral Roberts University, 1975; M.S., Texas A&M University, 1978; Ph.D., Washington State University, 1982.

Gary L. Ritzhaupt........Assistant Professor of Chemistry
B.S., Ohio University, 1966; M.S., Oklahoma State University, 1971.

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

Connie Sjoberg...........Associate Professor of Psychology
B.A., Oral Roberts University, 1977; M.S., Oklahoma State University, 1990; Ph.D., 1999.

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

Laubra Olson Souza...........Professor of Mathematics and Vice President for Academic Affairs
B.A., University of South Dakota, 1971; M.A.T., University of Nebraska, 1975; Ph.D., Oklahoma State University, 1996.

Bob Steward.............Instructor of Mathematics
B.S., Northeastern State University, 1966; M.S., University of Notre Dame, 1971.

Robert C. Steward......Professor of Chemistry

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

George X. Thivelikakath......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.

Chen Tucker.........Associate Professor of Psychology
B.A., Oral Roberts University, 1981; M.S.W., University of Oklahoma, 1985.

Suzanne Vincent..........Associate Professor of Biology
B.A., University of California, 1970; M.A., San Francisco State University, 1975; Ph.D., University of Washington, 1982.

Andrea Walker.............Associate Professor of Psychology
B.S., Oral Roberts University, 1993; M.S., Southern Nazarene University, 1995; Ph.D., Oklahoma State University, 2002.

Daniel V. Ward..........Instructor of Computer Science and Mathematics
B.S., Oklahoma College of Liberal Arts, 1971; B.S., Langston University, 1978; M.Ed., Southwestern State University, 1974.

Kenneth M. Weed...........Professor of Chemistry
B.S., Oral Roberts University, 1986; M.A., San Diego State University, 1991; Ph.D., University of California, 1993.

Teresa Williams...........Associate Professor of Mathematics
B.S., Howard University, 1968; M.A., University of Wisconsin, 1978; Ph.D., University of Iowa, 1989.

Debibin Zhang..........Associate Professor of Engineering
Ph.D., Shenyang Polytechnic University, 1970; M.E., Katholieke Universiteit Leuven, 1986; Ph.D., 1990.

Learning Resources Faculty

Myra Bloom..................Assistant Professor and Reference Librarian, Bibliographical Instruction

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

Donald R. Eiland...........Associate Professor of Communication Arts/New Media and Senior Multimedia Producer
B.A., Oral Roberts University, 1975; M.A., University of Tulsa, 1976.

Dana L. Higeeons...........Instructor and Head Cataloger/Library Technical and Computer Services

Jane Malcolm..................Assistant Professor and Director of Library Public Services B.A., Oral Roberts University, 1978; M.L.S., Emporia State University, 1979.


Mark Roberts aan Associate Professor and Director of the Holy Spirit Research Center B.A., Mississippi College, 1982; M.A., Ohio State University, 1994; M.A., Vanderbilt University, 1995; Ph.D., 2002.

Sally Jo Shelton..............Assistant Professor and Librarian Information/Faculty Facilitator B.A., Oral Roberts University, 1971; M.L.I.S., University of Oklahoma, 1995; M.A., Oral Roberts University, 2004.

Emeriti Faculty

Dr. LaVoy Hatchet, 1965-1995
Dr. C. Thomas Luikutty, 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. Dusne Thurman, 1967-1998
Nina Tucker, 1989-2008

Overview

The Behavioral Sciences Department focuses on human behavior, social structure, and relationships in groups, organizations, and community life. The department offers majors and minors in these areas and has articulation agreements with Tulsa Community College and the University of Oklahoma Graduate School of Social Work for easier transferring to and from those schools and ORU.

The social work program at Oral Roberts University is a professional degree program accredited by the Council on Social Work Education (CSWE), and the University of Oklahoma Graduate School.

General Education Courses

The Behavioral Sciences Department contributes to the general education courses that all undergraduate students take. As part of the social sciences requirement of general education, the Behavioral Sciences Department offers five options for fulfilling the social sciences elective: PSY 201 Principles of Psychology, SOC 101 Introduction to Sociology, SOC 201 Marriage and the Family, SOC 323 Child and Family in the Social Context, and SWK 202 Introduction to Social Work.

Degree Programs

Psychology (B.S.)

Courses in psychology are designed to give an empirical approach to the study of human behavior, a knowledge of psychological principles, and an acquaintance with contemporary problems.

The major is tailored to prepare the student for graduate work in any of the variety of areas within which professional psychologists function. The professional areas include, but are not limited to, the more popular areas of clinical psychology, counseling psychology, and biological psychology. The psychology major program also seeks to assist its students to better understand themselves and others with whom they interact. For this reason, the major is an excellent choice for students eventually planning to be ministers or to work in almost any field.

Social Work (B.S.)

The social work program is a professional degree program accredited by the Council on Social Work Education (CSWE). This means that it is recognized nationally as meeting the necessary requirements for preparing graduates to enter beginning social work practice in a variety of settings as generalist social workers.

Social Work Articulation Agreements

Articulation agreements are agreements between two educational entities to ease the transfer process for students transferring from one educational institution to the other. The Behavioral Sciences Department is included in two articulation agreements—one with Tulsa Community College (TCC) and one with the University of Oklahoma Graduate School of Social Work.

A student completing the Associate of Science degree in Human Services from Tulsa Community College (TCC) satisfies most general education as well as lower level social work curriculum prerequisites for entering the ORU Social Work Program. It is possible for students to complete the A.S. in Human Services from TCC within a two-year period and complete the B.S.W. degree at ORU within approximately two and a half more years.

Graduates from the ORU Social Work Program are eligible for the one year Advanced Standing Social Work Program at the University of Oklahoma Graduate School of Social Work.

Awards

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

- Outstanding Psychology Major Senior Award: This recognizes the department’s most worthy graduating senior.
- Outstanding Social Work Major Senior Award: This recognizes the department’s most worthy graduating senior.
- Outstanding Psychology Senior Paper: This recognizes the department’s best senior research project.
- Outstanding Social Work Senior Paper: This recognizes the department’s best senior research project.

Psychology Major (PSY)

Bachelor of Arts

All psychology majors must take PSY 401 during the spring semester of their junior year and PSY 499 during the fall semester of the senior year.

Degree Total

128
SOCIAL WORK

MAJOR (SWK)

Bachelor of Social Work

The mission of the social work program is to prepare students with a strong Christian grounding to enter entry-level social work practice, in a variety of social work settings, on the baccalaureate level in social work (BSW) and prepare for pursuing graduate education in social work (MSW).

The goals of the program are to develop students grounded in the Christian faith who are prepared academically and with practice skills for entry-level professional social work practice, in a variety of settings, as generalist social workers; who meet entry qualifications for graduate social work education and who are qualified to apply for licensure on the baccalaureate level in states with licensure laws.

The program, in keeping with the Council on Social Work Education’s (CSWE) focus on competency-based education, prepares students to demonstrate the following competencies:

1. Identify as a professional social worker and conduct oneself accordingly.

Social workers serve as representatives of the profession, its mission, and its core values. They know the profession’s history. Social workers commit themselves to the profession’s enhancement and to their own professional conduct and growth.

2. Apply social work ethical principles to guide professional practice.

Social workers have an obligation to conduct themselves ethically and to engage in ethical decision-making. Social workers are knowledgeable about the value base of the profession, its ethical standards, and relevant law.

3. Apply critical thinking to inform and communicate professional judgments.

Social workers are knowledgeable about the principles of logic, scientific inquiry, and reasoned dissemination. They use critical thinking augmented by creativity and curiosity. Critical thinking also requires the synthesis and communication of relevant information.

4. Engage diversity and difference in practice.

Social workers understand how diversity characterizes and shapes the human experience and is critical to the formation of identity. The dimensions of diversity are understood as the interrelatedness of multiple factors including age, class, color, culture, disability, ethnicity, gender, gender identity and expression, immigration status, political ideology, race, religion, sex, and sexual orientation. Social workers appreciate that, as a consequence of difference, a person’s life experiences may include oppression, poverty, marginalization, and alienation as well as privilege, power, and acclaim.

5. Advance human rights and social and economic justice.

Each person, regardless of position in society, has basic human rights, such as freedom, safety, privacy, an adequate standard of living, health care, and education. Social workers recognize the global interconnections of oppression and are knowledgeable about theories of justice and strategies to promote human and civil rights. Social work incorporates social justice practices in organizations, institutions, and society to ensure that these basic human rights are distributed equitably and without prejudice.


Social workers use practice experience to inform research, employ evidence-based interventions, evaluate their own practice, and use research findings to improve practice, policy, and social service delivery. Social workers comprehend quantitative and qualitative research and understand scientific and ethical approaches to building knowledge.

7. Apply knowledge of human behavior and the social environment.

Social workers are knowledgeable about human behavior across the life course; the range of social systems in which people live; and the ways social systems promote or deter people in maintaining or achieving health and well-being. Social workers apply theories and knowledge from the liberal arts to understand biological, social, cultural, psychological, and spiritual development.

8. Engage in policy practice to advance social and economic well-being and to deliver effective social work services.

Social work practitioners understand that policy affects service delivery, and they actively engage in policy practice. Social workers know the history and current structures of social policies and services; the role of policy in service delivery; and the role of practice in policy development.

9. Respond to contexts that shape practice.

Social workers are informed, resourceful, and proactive in responding to evolving organizational, community, and societal contexts at all levels of practice. Social workers recognize that the context of practice is dynamic, and use knowledge and skill to respond proactively.

10. Engage, assess, intervene, and evaluate with individuals, families, groups, organizations, and communities.

Professional practice involves the dynamic and interactive processes of engagement, assessment, intervention, and evaluation at multiple levels. Social workers have the knowledge and skills to practice with individuals, families, groups, organizations, and communities. Practice knowledge includes identifying, analyzing, and implementing evidence-based interventions designed to achieve client goals; using research and technological advances; evaluating program outcomes and practice effectiveness; developing, analyzing, advocating, and providing leadership for policies and services; and promoting social and economic justice.

11. Integrate a personal Christian World View with professional social work values, ethics, and practice.

Professional practice involves the dynamic and ongoing integration of one’s Christian World View with the values and ethics of the profession; that the professional will embrace the diversity of belief systems of individuals and groups in a respectful, supportive, caring, and nonjudgmental manner.

Unlike the first 10 competencies, which are from CSWE, the 11th competency is unique to ORU’s social work program.

General Education

<table>
<thead>
<tr>
<th>Course Code</th>
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<tr>
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<td>COMP 303</td>
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<tr>
<td>COMP 304</td>
<td>Foreign Language</td>
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<tr>
<td>HUM 101</td>
<td>Humanities</td>
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</tr>
<tr>
<td>ART 103, ART 104, MUS 300</td>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>*BIO 101, MAT 232, BUS 201, as well as cognate courses and courses in the major, require a grade of &quot;C&quot; or higher.</td>
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Cognate*

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<tr>
<td>PSY 101</td>
<td>Principles of Psychology</td>
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Electives

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<tr>
<td>*BIO 101, MAT 232, BUS 201</td>
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</table>

POLICIES

The social work program at Oral Roberts University is a professional degree program accredited by the Council on Social Work Education (CSWE). The following information presents policies and procedures of the program. These policies; the degree plan sheet; the program’s mission, goals, and competencies; and a copy of the Educational Policy and Accreditation Standards of 2008 (EPAS) are provided to all students.

Application Procedure

First Stage: Applying for the social work major

Students wanting to be admitted to the social work program need to do the following:

2. Submit a completed application form to the program director.
3. Be interviewed by a faculty member in the program.
4. Have a current accumulative GPA of at least 2.0.
5. Sign a statement to follow the National Association of Social Workers (NASW) Code of Ethics.

A committee made up of social work faculty determines the student’s admission into the program. Once admitted to the program, students are assigned a faculty member to provide advisement throughout their social work education at ORU.

Second Stage: Applying for senior practicum

Students needing to be admitted to the senior practicum need to do the following:

1. Prove senior status
2. Complete prerequisites for eligibility to participate in the senior practicum: SWK Practice I, II, and III, Human Behavior in the Social Environment I and II, Social Welfare Policy, Minority Group Relations, Research Methods, and Junior Practicums I and II
3. Be interviewed by a field coordinator regarding field placement preferences and practicum fit

Evaluations

<table>
<thead>
<tr>
<th>Course Code</th>
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<td>SWK 202</td>
<td>Introduction to Social Work</td>
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<tr>
<td>SWK 302</td>
<td>Research Methods</td>
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<td>SWK 303</td>
<td>Social Welfare Policy</td>
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<tr>
<td>SWK 310</td>
<td>Human Behavior in the Social Environment II</td>
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<tr>
<td>SWK 331</td>
<td>Social Work Practice I</td>
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<tr>
<td>SWK 332</td>
<td>Social Work Practice II</td>
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<tr>
<td>SWK 333</td>
<td>Social Work Practice III</td>
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<td>SWK 341</td>
<td>Junior Practicum I</td>
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<td>SWK 342</td>
<td>Junior Practicum II</td>
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<td>SWK 404</td>
<td>Social Work Practice IV</td>
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<td>SWK 405</td>
<td>Senior Seminar</td>
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<td>SWK 420</td>
<td>Minority Group Relations</td>
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<td>SWK 443</td>
<td>Senior Practicum I</td>
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<td>SWK 444</td>
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<tr>
<td>SWK 499</td>
<td>Senior Research Paper</td>
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*Major**

<table>
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<th>Course Name</th>
<th>Credits</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>
</tbody>
</table>
4. Receive faculty approval to proceed with the senior practicum

**Transfer of Credit Policy**

The social work program treats transfer credit on a case-by-case basis. Course and/or practicum credit is not given for life or work experience. Credit is given for comparable practice and foundation courses being transferred from other CSWE accredited schools. Courses being considered for transfer from schools not accredited by the Council will be examined individually, in which case the student needs to produce catalog and other information describing the course(s) in question (e.g., texts, syllabi, etc.). SWK 405 Senior Practicum must be taken at ORU and cannot be transferred from another institution.

**Continuation in the Program**

Continuation in the program is based on the student’s maintenance of the 2.0 GPA average in social work courses and ethical conduct necessary for professional social work practice. Courses taken in the core curriculum must have a grade of “C” or better grade to be counted for social work credit. These courses include all major and cognate courses plus BIO 101 Biology, MAT 232 Statistics, and BUS 201 Principles of Economics I from general education. If the student’s performance falls below the standards for program continuation, then termination procedures may be considered. However, every effort is made to work with a student in this situation by providing advisement, referral for remedial assistance, and/or referral for medical or mental health treatment if appropriate.

**Termination Policy**

In the event a student needs to be terminated from the social work professional program, the following steps are taken:

1. The program faculty meet together to discuss the student in question.
2. The student is brought before the faculty or faculty designee (appointed by the director) to discuss concerns and devise a plan for remediation.
3. Progress is carefully monitored.
4. Only if the remediation efforts prove unsuccessful is the student considered for termination. A majority of the faculty must agree that the student should be terminated.
5. The director informs the student of the termination and appoints a faculty member in the program to provide advisement and referral for seeking an alternative academic major.
6. The student may appeal the decision to terminate to the chair of the Behavioral Sciences Department and to the Dean of the College of Science and Engineering, if desired.

Confidential written documentation is kept on all proceedings of termination. Conditions that may initiate termination proceedings include such behaviors as unethical conduct, unsatisfactory academic performance, inability to work with clients, colleagues, supervisors, and general failure to adhere to professional expectations and standards of the social work profession.

The termination process is initiated only after a reasonable effort has been made to assist the student with gaining access to relevant resources (e.g., medical care, counseling) to help resolve personal issues. In event that a student is terminated from the social work program, assistance is provided to seek another academic major so as to graduate in a timely manner.

**Student Rights and Responsibilities**

1. Students have the right to be treated in all aspects of the Social Work Program without discrimination on the basis of age, color, disability, ethnicity, gender, national origin, race or religion.
2. Students have the right to form their own organization.
3. Students have the right to express grievances and make appeal within the social work program.
4. Students have the responsibility to pursue excellence in their academic and social work career development.
5. Students have the responsibility to act ethically and follow the NASW Code of Ethics and the Honor Code Pledge of the university.
6. Students have the responsibility to behave professionally, as beginning social workers would.
7. Students have the right and responsibility to provide input into evaluating and planning social work program policies and curriculum.

**Student Grievance Procedures**

In matters of student grievance in the program, the following procedures are followed:

1. If the grievance pertains to a grade the student received in a course, the student should complete the Petition for Grade Change and the Petition for Policy Exception (available from the Behavioral Sciences Department or the registrar) stating reasons for the requested change. These two forms should be signed by the individual faculty member, social work program director, and chair of the Behavioral Sciences Department. In the event the faculty member does not change the grade, the student may present the case to the program director and, if necessary, to the Behavioral Sciences chair and the dean of the College of Science and Engineering. The dean’s ruling is final.
2. In situations where there is conflict with a faculty member and/or advisor, the student may present the complaint to the program director for a hearing or mediation. The program director may change the advisor assigned to the student if the change is warranted. If the student has a complaint against the program director, a hearing may be requested with the department chair.

**Psychology Minor (PSYM)**

PSY 201 Principles of Psychology 3
PSY Electives 15

Minor Total 18

**Sociology Minor (SOCM)**

A minor in sociology should assist any student, regardless of the major program, to a better understanding of social interaction within group settings. Because most facets of American society involve frequent interaction of persons within groups, the sociology minor would seem a logical choice to complement any major program offered by Oral Roberts University. Many graduate programs in sociology do not specify an undergraduate major as a requirement for admission; therefore, a minor in sociology with a proper selection of courses should prepare the aspiring professional sociologist for admission to most graduate programs.

**Social Justice Minor (SJM)**

Social justice is a cornerstone value for the practice of social work. The minor in social justice (1) provides students with the opportunity to further examine social work as a major course of study; and (2) offers students from other disciplines a minor that provides an indepth examination of social justice and its socio-eco-nomic, cultural, political, and spiritual ramifications.

Study the issues of poverty, racism, discrimination, and oppression, especially those people groups most vulnerable, can lead to involvement in the struggle for social justice.

SWK 202 Introduction to Social Work 3
SWK 303 Social Welfare Policy 3
SWK 310 Human Behavior in the Social Environment II 3
SWK 420 Minority Group Relations 3
SWK 450 Directed Study* 3
Choice of one of the following three courses: 3
SOC 308 Cultural Anthropology 3
SOC 329 Social Deviance/Social Control 3
SWK 381 Child Welfare 3

Minor Total 18

*A service project.

**Departmental Courses**

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

**Psychology**

PSY 201 Principles of Psychology 3
PSY 212 Social Psychology 3
PSY 250 Behavior Management 3
PSY 301 Developmental Psychology 3
PSY 305 Physiological Psychology 3
PSY 321 Psychology of Personality Development 3
PSY 322 Psychology of Learning and Motivation 3
PSY 323 Psychological Measurement 3
PSY 338 Psychology of Abnormal Behavior 3
PSY 340 Research Design and Analysis 3
PSY 354 History and Systems of Psychology 3
PSY 401 Experimental Psychology 3
PSY 401 Experimental Psychology Laboratory 3
PSY 411 Counseling Psychology I 3
PSY 412 Counseling Psychology II 3
PSY 423 Advanced Psychology Seminar 3
PSY 450 Directed Study 3
PSY 451 Senior Internship 3
PSY 461 Honors Research 3
PSY 499 Senior Paper 3
PSY 999 Elective

**Sociology**

SOC 101 Introduction to Sociology 3
SOC 201 Marriage and the Family 3
SOC 212 Social Psychology 3
SOC 300 Group Dynamics 3
SOC 302 Research Methods 3

Minor Total 3
--must learn to understand, interact with, and respond positively to those concerns.

**Departmental Outcomes**

A graduate from the Biology and Chemistry Department should be able to do the following:

1. Use scientific knowledge and the power of the Holy Spirit to make professional decisions consistent with Biblical principles.
2. Analyze problems using a working knowledge of scientific concepts to offer beneficial solutions.
3. Exhibit competency in research literature and use of information to effectively analyze and interpret data.
4. Write and speak effectively using the language, concepts, and models of science including evidence of God within the natural realm.
5. Relate to the university and the world through the use of professional competencies to provide service and healing.

**Degree Programs**

The Biology and Chemistry Department offers courses of study leading to the bachelor of science degree with majors in biology, chemistry, biomedical chemistry, and science education (middle and high school). The biology, biomedical chemistry, and chemistry programs are designed to meet the needs of students who desire to (1) pursue graduate work, (2) train for work in industry and government, or (3) prepare for professional training in the health sciences.

Students may choose to receive a bachelor of arts degree (instead of a bachelor of science) by meeting requirements listed for the bachelor of science degree.

**Biology (B.S.)**

The biology major offers optional concentrations in environmental science, premedicine, and other health professions.

**Chemistry (B.S.)**

The chemistry program is designed to provide (1) a working knowledge of chemical concepts; (2) a rigorous, medically oriented program; (3) state-of-the-art training for graduate school or immediate employment; (4) opportunities to broaden a student's skill by learning the concepts of chemistry; and (5) opportunities to work in chemical companies and industrial research.

**Biomedical Chemistry (B.S.)**

The biomedical chemistry offers optional concentrations in premedicine and research. Students selecting to major in biomedical chemistry must minor in biology. The biomedical chemistry program with a research concentration is specifically designed to prepare students to pursue professional training in M.D.-Ph.D. programs.

**Science Education (B.S.)**

Students seeking licensure to teach at the secondary levels have two options: (1) completion of the science education major, which leads to standard certification or (2) completion of any other major in the Biology and Chemistry Department or Engineering, Computer Science, Physics, and Mathematics Department, which can lead to alternative certification. As alternative certification is intended for those seeking career changes, requirements vary widely from state to state, and laws governing these programs can change frequently. Therefore, students interested in pursuing alternative certification need to meet with the ORU College of Education's certification officer to ensure they are well informed prior to choosing this option. Students pursuing alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification.

**Minors**

Minors are offered in biology, biochemistry, chemistry, and environmental studies.

**Preprofessional Health Programs**

Prehealth professional students, including premedicine, predentistry, and others, should follow the inspiration of the Holy Spirit and assessment of their God-given gifts and abilities in selecting one of several recognized majors, such as biology, chemistry, biomedical engineering, psychology, or health and exercise science as a prehealth professional route.

Prehealth professional programs provide a balanced liberal arts education with strengths in the sciences and humanities. Any major can be adapted to a prehealth professional program by including the following courses: (1) MAT 114 or 201, (2) BIO 111 and 112 lecture and lab, (3) CHE 111 and 112 lecture and lab, (4) CHE 211 and 212 lecture and lab, and (5) PHY 101 and 102 lecture and lab or PHY 111 and 112 lecture and lab. These courses are required by most health professional schools, including medical, dental, and pharmacy schools, and assist in preparing students to take the MCAT, DAT, or PCAT exams.

Admission to medical, dental, pharmacy, and other health professional schools in the United States is very selective. Students with excellent grades, high admission test scores, knowledge of their health profession, and health care experience are highly favored for admission. Proper advisement is necessary to adequately prepare students for admission to professional schools, so ORU offers advisement to prepare students for various medical fields. A prehealth professional advisor can provide a comprehensive advisement program that includes academic advisement, health career literature, guest speakers, information on admissions tests, medical and dental school application procedures, and a library of special reference publications. Students seeking to attend these professional schools need to work with faculty members to choose courses appropriate for their plans.

All prehealth professional programs at ORU start with a general set of courses based on the typical admission requirements of various health professional schools. However, since some of these schools have unique preparatory requirements, students are advised to obtain a catalog from each school to which they plan to apply in order to determine the exact requirements. This will assist students and their prehealth professional advisors to tailor the prehealth professional program directly to address specific applications.

**Premedicine**

Both the biology major and the biomedical chemistry major offer a premedicine concentration. However, students interested in the premedical program at ORU can also major in chemistry or psychology. Electives should be chosen in consultation with the advisor.

**Predentistry**

Students interested in preparing for dental school should major in biology, biomedical chemistry, chemistry, psychology, health exercise science, or another major with electives chosen to fulfill the unique requirements of the desired schools of dentistry.
A two-year recommended program is designed to meet the common prerequisites for most professional schools in dental hygiene. Advice is available from the department.

**Prepharmacy**

While the prepharmacy program follows a similar schedule to both premedicine and predentistry (such as majoring in chemistry or biochemistry), there are significant differences. Often various schools of pharmacy have different prerequisite course requirements. It is particularly important for students following the prepharmacy program to work closely with prehealth professional advisors to adjust their programs.

**Preveterinary**

The minimum prerequisites for admission to a college of veterinary medicine can usually be completed in three years. However, most of the successful preveterinary applicants in recent years have had four years or more of preparatory training. Therefore, the Biology and Chemistry Department recommends preveterinary students complete a four-year degree program with a major in biology or biomedical chemistry. It is particularly important for students following the preveterinary program to work closely with ORU faculty serving as prehealth professional advisors to adjust their programs.

**Other Health Professions**

The Biology and Chemistry Department offers assistance in degree planning for students planning to enter schools of occupational therapy, physical therapy, optometry, medical technology, or physician assistant.

Most of these programs now require students to have an undergraduate degree before entering the program. However, some well-qualified students who have taken all the prerequisites may enter some programs after the third year of undergraduate study. Most schools require a general education program that includes courses in biology, chemistry, and human anatomy, and physiology. Unlike medical schools, requirements and prerequisites for allied health careers vary among programs and schools. Anyone planning a career in one of these fields should consult with a prehealth professional advisor in the Biology and Chemistry Department to develop a specific undergraduate curriculum to successfully meet their goals.

**Health Profession Articulation Agreements**

These articulation agreements between Oral Roberts University and other institutions of higher education enable students to begin coursework at ORU and later transfer to another university in order to complete their undergraduate and graduate degrees in medical fields.

**Physical Therapy**

ORU has two articulation agreements in physical therapy. The first agreement is with University of Oklahoma-Tulsa. The agreement allows for students with three years of study at ORU to apply for admission to the Ph.D. program in physical therapy. Further information is available in the ORU Health, Physical Education, and Recreation Department.

The second agreement is with Southwest Baptist University (SBU). A student who completes a baccalaureate degree in any major at ORU and the requirements for admission to the Doctor of Physical Therapy Program at Southwest Baptist University as listed here will automatically receive preference and be eligible for the admission process.

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

**Nutritional Sciences**

ORU has an articulation agreement with the University of Oklahoma-Tulsa (OU-Tulsa) for earning a bachelor's degree in nutritional sciences. This program provides an opportunity for area students to complete a bachelor's degree in nutritional sciences in Tulsa. The first 60 hours, which includes general education and science courses, are taken at ORU and the remainder of the degree at OU-Tulsa. Information is available in the ORU Biology and Chemistry Department and at OU-Tulsa.

**Communication Sciences and Disorders**

ORU has an articulation agreement with the University of Oklahoma-Tulsa (OU-Tulsa) for earning a Bachelor of Science degree in communication sciences and disorders. This program provides an opportunity for area students to complete a bachelor's degree in communication sciences and disorders in Tulsa. The first 60 hours, which includes general education and science courses, are taken at ORU and the remainder of the degree at OU-Tulsa. Information is available in the ORU Biology and Chemistry Department and at OU-Tulsa.

**Radiologic Technology**

ORU has an articulation agreement with the University of Oklahoma-Tulsa (OU-Tulsa) for earning a Bachelor of Science degree in radiologic technology. This program provides an opportunity for area students to complete a bachelor's degree in radiologic technology in Tulsa. The first 60 hours, which includes general education and science courses, are taken at ORU and the remainder of the degree at OU-Tulsa. Information is available in the ORU Biology and Chemistry Department and at OU-Tulsa.

**Special Opportunities**

The Biology and Chemistry Department has arranged opportunities for student internships with the Oklahoma Aquarium in Tulsa. The department also works with students in developing or applying for internships that are tailored to their interests.

Students desiring a hands-on environmental learning experience have the opportunity to attend As Sable Institute in northern Michigan to complete some course requirements that are normally met at ORU. Courses are designed to prepare students for work or further study in environmental endeavors. Any ORU student who meets the course prerequisites may take these courses, but the opportunity is of particular value to biology majors with an environmental concentration.

**CLUBS AND ORGANIZATIONS**

**Tri-Beta Honor Society** assists students interested in biological topics an opportunity to focus on scientific research. There are two national conventions each year and the publication of BIOS, a scholarly journal that includes student research. The Mu Kappa chapter at ORU participates in monthly meetings and community service projects.

The ORU student affiliate chapter of the American Chemical Society (ACS) meets regularly to focus scholarly attention on relevant issues in chemistry. Student affiliates have the opportunity to present research during local, statewide, regional, or national meetings of ACS.

**Alpha Epsilon Delta National Society** provides additional opportunities for professional development for all pre-health profession majors with scholarly achievement. These opportunities increase student awareness of issues important to the process of application and acceptance into advanced health professional programs. Opportunities include attendance in medical seminars, cadaver dissection, job shadowing, mission experiences, and volunteer opportunities at the Good Samaritan Health Clinic.

**AWARDS AND SCHOLARSHIPS**

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

**Outstanding Biology Senior Award.** This award recognizes the outstanding graduating senior in biology.

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

**Outstanding Biology and Chemistry Senior Papers.** These awards recognize outstanding senior research projects from each major in the Biology and Chemistry Department.

**James Wilkes Pugh Memorial Scholarship.** This fund is designated for students majoring in the natural sciences, primarily those who live in the Ozark regions of Missouri, Arkansas, and Oklahoma, but students from other regions may apply.

**Muccio Endowed Scholarship Fund.** This fund is designed for outstanding premedical students who demonstrate financial need and have a strong desire to serve in medical missions.

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

**Outstanding Organic Chemistry Student Award.** This recognizes the student with the highest combined GPA in Organic I and II lectures.

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

Bachelor of Science

<table>
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<th>Credit Hours</th>
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<tr>
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<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
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<td>Humanities (HUM 101 plus three of the following: HUM 222*, 223*, 224*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)</td>
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<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
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<tr>
<td>Theology (THE 103)</td>
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<tr>
<td>Physics (101 and 102 or 111 and 112)</td>
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<tr>
<td>Mathematics (MAT 332)</td>
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<tr>
<td>American History (HIS 101)</td>
<td>3</td>
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<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>
<tr>
<td>Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives)</td>
<td>5</td>
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| General Education Total | 55 |

*At least one course must be chosen from list courses with asterisks.

<table>
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<tr>
<td>BIO 112</td>
<td>Introductory Biology II (lecture and lab)</td>
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<tr>
<td>BIO 370</td>
<td>Methods in Biotechnology</td>
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<td>BIO 372</td>
<td>Introduction to Biological Research</td>
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<td>BIO 451</td>
<td>Biology Seminar</td>
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<td>BIO 456</td>
<td>Bioethics</td>
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<tr>
<td>BIO 499</td>
<td>Research and Senior Paper</td>
</tr>
<tr>
<td>BIO 312</td>
<td>Ecology (lecture and lab)</td>
</tr>
<tr>
<td>Choice of four of the following courses:**</td>
<td>16</td>
</tr>
<tr>
<td>BIO 310</td>
<td>Microbiology (lecture and lab)</td>
</tr>
<tr>
<td>BIO 311</td>
<td>Genetics (lecture and lab)</td>
</tr>
<tr>
<td>BIO 421</td>
<td>General and Comparative Physiology (lecture and lab)</td>
</tr>
<tr>
<td>BIO 431</td>
<td>Developmental Biology (lecture and lab)</td>
</tr>
<tr>
<td>BIO 454</td>
<td>Special Topics (must be a lecture and lab; maximum one course)</td>
</tr>
<tr>
<td>BIO 457</td>
<td>Principles of Immunology (lecture and lab)</td>
</tr>
<tr>
<td>BIO 458</td>
<td>Marine Ecology (lecture and lab)</td>
</tr>
<tr>
<td>AUS 217</td>
<td>Field Geology*</td>
</tr>
<tr>
<td>AUS 301</td>
<td>Land Resources*</td>
</tr>
<tr>
<td>AUS 302</td>
<td>Limnology*</td>
</tr>
<tr>
<td>AUS 303</td>
<td>Ecological Agriculture*</td>
</tr>
<tr>
<td>AUS 304</td>
<td>Global Development and Ecological Sustainability*</td>
</tr>
<tr>
<td>AUS 311</td>
<td>Field Botany*</td>
</tr>
<tr>
<td>AUS 312</td>
<td>Insect Biology and Ecology*</td>
</tr>
<tr>
<td>AUS 322</td>
<td>Aquatic Biology*</td>
</tr>
<tr>
<td>AUS 342</td>
<td>Fish Biology and Ecology*</td>
</tr>
<tr>
<td>AUS 359</td>
<td>Marine Mammals*</td>
</tr>
<tr>
<td>AUS 377</td>
<td>Marine Invertebrates*</td>
</tr>
<tr>
<td>AUS 471</td>
<td>Conservation Biology*</td>
</tr>
<tr>
<td>AUS 477</td>
<td>Plant Ecology*</td>
</tr>
<tr>
<td>AUS 482</td>
<td>Restoration Ecology*</td>
</tr>
</tbody>
</table>

| Major Total | 38 |

*Courses with an AUS prefix are offered only at the Au Sable Institute in Michigan and other off-campus locations.

**Students choosing an environmental concentration must choose from BIO 312 or BIO 458 and one of the AUS courses offered only at the Au Sable Institute.

Cognate

<table>
<thead>
<tr>
<th>Cognate</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 111</td>
<td>General Chemistry I (lecture and lab)</td>
</tr>
<tr>
<td>CHE 112</td>
<td>General Chemistry II (lecture and lab)</td>
</tr>
<tr>
<td>CHE 211</td>
<td>Organic Chemistry I (lecture and lab)</td>
</tr>
<tr>
<td>CHE 212</td>
<td>Organic Chemistry II (lecture and lab)</td>
</tr>
<tr>
<td>Choice of one of the following courses:</td>
<td>3-4</td>
</tr>
<tr>
<td>MAT 114</td>
<td>Mathematical Analysis (3 hrs.)</td>
</tr>
<tr>
<td>MAT 201</td>
<td>Calculus I (4 hrs.)</td>
</tr>
</tbody>
</table>

| Cognate Total | 19-20 |

| Minor and/or Electives* | 17-18 |

| Degree Total | 128 |

*Recommended electives include MAT 201, 202; CHE 300, 400, 454, 457, PHS 223, 224, BIO 200 and any upper-division biology course. Alternatively, students may choose to use their elective hours to complete a chemistry minor (20 hours). One or two years of foreign language should be included by students who plan to pursue an advanced degree in biology.

Students may use their elective hours or options within the major for a concentration in premedicine, health professions, or environmental science.

Premeicine Concentration (PMDC)

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:

| 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 (HPC)

Students desiring to prepare for health professions such as optometry, medical technology, physician assistant, physical therapy, or occupational therapy need to add the following concentration in place of eight hours of electives.

| 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 (ENVC)

Students interested in preparing for work in environmental areas may minor in environmental studies (offered through the Engineering, Computer Science, Physics, and Mathematics Department) or major in biology with an environmental concentration.

The Au Sable Institute, located in northern Michigan, offers environmental courses for students from ORU and other participating colleges of the Council for Christian Colleges and Universities. Au Sable also has courses in Florida and India. Courses are designed to prepare students for work or further study in environmental endeavors. Any ORU student who meets the course prerequisites may take these courses. Au Sable has awarded some scholarship money for ORU students to support student involvement in their program. The Biology and Chemistry Department has more information.

SCIENCE EDUCATION MAJOR (SCED) WITH SECONDARY SCHOOL TEACHING LICENSURE

Bachelor of Science

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

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
<td>0</td>
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<tr>
<td>English (COMP 102, 303)</td>
<td>6</td>
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<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 101 plus three of the following: HUM 222*, 223*, 224*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)</td>
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<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
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<tr>
<td>Theology (THE 103)</td>
<td>3</td>
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<tr>
<td>Laboratory Science (PSC 201 and CHE 101 Honors)</td>
<td>8</td>
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<tr>
<td>Mathematics (MAT 113 or 201)</td>
<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
<td>3</td>
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</tbody>
</table>
American Government (GOV 101) 3
Foreign Language Proficiency PRF 001 0
(exam or 102 level of a foreign language class)
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 201, SOC 323, FIN 244) 3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives) 4.5

**General Education Total** 54.5

*At least one course must be chosen from list courses marked with asterisks.

<table>
<thead>
<tr>
<th>Major</th>
<th><strong>BIO 111</strong> Introduction to Biology (lecture and lab)</th>
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<tbody>
<tr>
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<td><strong>BIO 112</strong> Introductory Biology II (lecture and lab)</td>
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<td></td>
<td><strong>BIO 312</strong> Ecology (lecture and lab)</td>
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<tr>
<td></td>
<td><strong>BIO 370</strong> Methods in Biotechnology</td>
<td>1</td>
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<tr>
<td></td>
<td><strong>CHE 111</strong> General Chemistry I (lecture and lab)</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>CHE 112</strong> General Chemistry II (lecture and lab)</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>PHS 223</strong> Human Anatomy (lecture and lab)</td>
<td>4</td>
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<tr>
<td></td>
<td><strong>PHS 224</strong> Human Physiology I (lecture and lab)</td>
<td>4</td>
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<tr>
<td></td>
<td><strong>PHY 101</strong> General Physics I (lecture and lab)</td>
<td>4</td>
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<tr>
<td></td>
<td><strong>HONR 102</strong> Philosophy of Science</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>BIO</strong> Electives* (upper division)</td>
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</tr>
<tr>
<td><strong>Major Total</strong></td>
<td></td>
<td>48</td>
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</tbody>
</table>

*Science education candidates may include BIO 499 senior paper in these elective hours. Advisors have further information.

**Professional Education**

| PED 100 | Education Seminar (every semester) | 0 |
| PED 121 | Field Based Experience/Practicum (Secondary) | 1 |
| PED 203 | Foundations and Methods of Education | 3 |
| PED 222 | School Health Care | 1 |
| PED 305 | Pedagogy I | 4 |
| PED 306 | Pedagogy II | 4 |
| PED 361 | Professional Education Seminar/Portfolio | 0 |
| PED 485 | Student Teaching: 7-9 | 5 |
| PED 495 | Student Teaching: 10-12 | 5 |
| BIO 429 | Secondary Methods: Science | 3 |
| **Professional Education Total** | | 26 |

**Degree Total** 128.5

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**BIOMEDICAL CHEMISTRY MAJOR (BMCH)**

**Bachelor of Science**

The degree program in biomedical chemistry, which has a required minor in biology, is designed to provide a combination of studies in the biological sciences and chemistry for those students who plan to enter a professional school of medicine, dentistry, pharmaceutical, or veterinary medicine; plan to pursue a career in clinical or medicinal chemistry; or plan to work in a biological or medical industry.

**General Education**

| whole Person Assessment (GEN 099) | 0 |
| English (COMP 102, 303) | 6 |
| Oral Communication (COM 101) | 3 |
| Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) | 12 |

**General Education Total** 56

*At least one course must be chosen from list courses marked with asterisks.

**Major**

| CHE 211 | Organic Chemistry I (lecture and lab) | 4 |
| CHE 212 | Organic Chemistry II (lecture and lab) | 4 |
| CHE 300 | Quantitative Analysis (lecture and lab) | 4 |
| CHE 303 | Physical Chemistry I (lecture and lab) | 4 |
| CHE 400 | Chemical Instrumentation (lecture and lab) | 4 |
| CHE 449 | Chemistry Research | 1 |
| CHE 452 | Seminar | 1 |
| CHE 499 | Individual Research and Senior Paper | 3 |
| CHE | Concentration (premedicine or research) | 9 |
| **Major Total** | | 34 |

*At least one course must be chosen from list courses marked with asterisks.

**Cognate**

| MAT 202 | Calculus II | 4 |
| **Choice of one of the following pairs:** | | 8 |
| PHY 101/102 General Physics I and II | | 6 |
| PHY 111/112 Physics I and II | | 6 |
| **Cognate Total** | | 12 |

**Choice of one of the following pairs:**

- CHE 454 Recombinant DNA Technology (3 hrs.)
- CHE 455 Inorganic Chemistry (3 hrs.)
- CHE 471 Structure and Bonding (3 hrs.)
- CHE 474 Environmental Analysis (3 hrs.)

**Concentration Total** 9

**Research Concentration (CHRC)**

| **Choice of three of the following courses:** | | 9 |
| MAT 111 | Introduction to Computing | | 3 |
| MAT 211 | Differential Equations | | 3 |
| MAT 312 | Linear and Matrix Algebra | | 3 |
| MAT 332 | Introduction to Biostatistics | | 3 |

**Concentration Total** 9

**Electives Total** 6

**Degree Total** 128

*At least one course must be chosen from list courses marked with asterisks.

---

**CHEMISTRY MAJOR (CHE)**

**Bachelor of Science**

**General Education**

| Whole Person Assessment (GEN 099) | 0 |
| English (COMP 102, 303) | 6 |
| Oral Communication (COM 101) | 3 |
| Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) | 12 |

**General Education Total** 56

Biblical Literature (BLIT 110, 120) 6
Theology (THE 103) 3
Chemistry (CHE 111 and 112 lecture and lab) 3
Mathematics (MAT 201) 4
American History (HIS 101) 3
American Government (GOV 101) 3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244) 5
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives) 5

**General Education Total** 56

*At least one course must be chosen from list courses marked with asterisks.

| Major | CHE 211 | Organic Chemistry I (lecture and lab) | 4 |
|       | CHE 212 | Organic Chemistry II (lecture and lab) | 4 |
|       | CHE 300 | Quantitative Analysis (lecture and lab) | 4 |
|       | CHE 303 | Physical Chemistry I (lecture and lab) | 4 |
|       | CHE 400 | Chemical Instrumentation (lecture and lab) | 4 |
|       | CHE 449 | Chemistry Research | 1 |
|       | CHE 452 | Seminar | 1 |
|       | CHE 499 | Individual Research and Senior Paper | 3 |
| CHE | Concentration (premedicine or research) | 9 |
| **Major Total** | | 34 |

*At least one course must be chosen from list courses marked with asterisks.

**Cognate**

| MAT 202 | Calculus II | 4 |
| **Choice of one of the following pairs:** | | 8 |
| PHY 101/102 General Physics I and II | | 6 |
| PHY 111/112 Physics I and II | | 6 |
| **Cognate Total** | | 12 |

**Choice of one of the following pairs:**

- CHE 454 Recombinant DNA Technology (3 hrs.)
- CHE 455 Inorganic Chemistry (3 hrs.)
- CHE 471 Structure and Bonding (3 hrs.)
- CHE 474 Environmental Analysis (3 hrs.)

**Concentration Total** 9

**Research Concentration (CHRC)**

| **Choice of three of the following courses:** | | 9 |
| MAT 111 | Introduction to Computing | | 3 |
| MAT 211 | Differential Equations | | 3 |
| MAT 312 | Linear and Matrix Algebra | | 3 |
| MAT 332 | Introduction to Biostatistics | | 3 |

**Concentration Total** 9

**Electives Total** 6

**Degree Total** 128

*At least one course must be chosen from list courses marked with asterisks.
CHEMISTRY MINOR (CHEM)

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

CHE 111 General Chemistry I (lecture and lab) 4
CHE 112 General Chemistry II (lecture and lab) 4
CHE 211 Organic Chemistry I (lecture and lab) 4
CHE 212 Organic Chemistry II (lecture and lab) 4
CHE 300 Quantitative Analysis (lecture and lab) 4

Minor Total 20

BIOCHEMISTRY MINOR (BCM)

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

BIO 111 Introductory Biology I (lecture and lab) 4
BIO 112 Introductory Biology II (lecture and lab) 4
BIO Electives in biology (300-level or above) must include three courses with respective labs including one field course (lecture and lab) 12

Minor Total 20

BIOLOGY MINOR (BIOM)

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

BIO 111 Introductory Biology I (lecture and lab) 4
BIO 112 Introductory Biology II (lecture and lab) 4

Minor Total 20

TRANSFERRING TO ORU WITH AN A.S. DEGREE (FROM TULSA COMMUNITY COLLEGE)

An articulation agreement between Tulsa Community College (TCC) and ORU has been developed to assist students having an associate of science degree in chemistry or biology to obtain a bachelor of science in biology, biology (premedicine concentration), chemistry, or biomedical chemistry (premedicine concentration) at ORU. This agreement allows students from TCC to transfer to ORU and receive the maximum allowable credit towards a bachelor’s degree. Additional information is available in the admissions section of this catalog.

Degree Requirements (Chemistry)

Students with an associate’s degree in chemistry from TCC—regardless of whether they plan to major in chemistry or biomedical chemistry with a premedicine concentration at ORU—need to take the following courses at TCC and the following general education courses at ORU.

TCC General Education Total 24 hrs.
Freshman Composition (ENGL 1113, 1213) 6
Speech Communication (SPCH 1113) 3

TCC-ORU Bachelor’s Degree Total 134 hrs.

B.S. Degree in Chemistry

Concentration: None

Students seeking an associate’s degree in chemistry from TCC and a bachelor’s degree in chemistry from ORU take courses and earn credit hours in the following areas:

TCC Associate’s Degree Total 65 hrs.
• TCC general education (24 hrs.)
• TCC chemistry program (41 hrs.)

ORU Total 69 hrs.
• ORU general education courses (18 hrs.)
• ORU chemistry major (33 hrs.)
• A minor area of study (18 hrs.)

TCC-ORU Bachelor’s Degree Total 134 hrs.

In addition to the TCC courses (general education and the chemistry program) listed earlier in this section, students wanting to major in chemistry at ORU need to take the following ORU courses:

ORU Chemistry Major Total 33 hrs.
CHE 300 Quantitative Analysis (lecture and lab) 4
CHE 303 Physical Chemistry I (lecture and lab) 4
CHE 304 Physical Chemistry II (lecture and lab) 4
CHE 449 Chemistry Research 1
CHE 452 Seminar 1
CHE 456 Inorganic Chemistry 3
CHE 499 Individual Research and Senior Paper 3
Elec 6
MAT 211 Differential Equations 3

Minor 18 hrs.

B.S. Degree in Biomedical Chemistry

Concentration: Premedicine

Students seeking an associate’s degree in chemistry from TCC and a bachelor’s degree in biomedical chemistry with a premedicine concentration from ORU need to take the following courses in the following areas:

TCC Associate’s Degree Total 65 hrs.
• TCC general education (24 hrs.)
• TCC chemistry program (41 hrs.)

ORU Total 71 hrs.
• ORU general education courses (21 hrs.)
• ORU biomedical chemistry major (20 hrs.)
• ORU premedicine concentration (10 hrs.)
• A biology minor (20 hrs.)

TCC Biotechnology Program Total 47 hrs.
Chemistry Lecture and Lab (CHEM 1315, 1415, 2145) 15

Degree Requirements (Biology)

Students have several options if they choose to major in biology at ORU. Students with an associate’s degree in biotechnology can earn a bachelor’s degree in biology, and students with an associate’s degree in biology can earn a bachelor’s degree in biology—with or without a premedicine concentration.

B. S. Degree in Biology

Students seeking an associate’s degree in biotechnology from TCC and a bachelor’s degree in biology at ORU need to take the following general education courses at TCC and ORU.

TCC General Education Total 24 hrs.
Freshman Composition (ENGL 1113 and 1213) 6
US History (HIST 1483 or 1493) 3
Humanities Electives 6
American Government (POLS 1113) 3
Mathematics (MATH 1513) 3
Social Sciences (PSYC 1113) 3

TCC Biotechnology Program Total 47 hrs.
Chemistry Lecture and Lab (CHEM 1315, 1415, 2145) 15
## B.S. Degree in Biology

### ORU General Education Total 32 hrs.
- Whole Person Assessment (GEN 099) 0
- English (COMP 303) 3
- Oral Communication (COM 101) 1
- Biblical Literature (BLIT 110, 120) 6
- Theology (THE 103) 3
- Mathematics (MAT 332) 3
- Lab Science (PHY 101, 102) 8
- Humanities (Choice of HUM 101, 222, 233, 244, 301, 333) 3
- Health, Physical Education, and Recreation 3
- (HPE 001 and 002, swimming course or proficiency, two electives) 3

### ORU Biochemistry Minor (Optional) 4 hrs.
- CHE 459 Biochemistry with Lab 4

### B.S. Degree in Biology

**Students seeking an associate’s degree in biology from TCC and a bachelor’s degree in biology at ORU (with an optional premedicine concentration) need to take the following general education courses at TCC and ORU.**

### TCC Associate’s Degree Total 61 hrs.
- • TCC general education (27 hrs.)
- • TCC biology program (34 hrs.)

### ORU Total 76 hrs.
- • ORU general education (29 hrs.)
- • ORU biology major (17-25 hrs.)
- • ORU cognate (4 hrs.)
- • Optional premedicine concentration (8 hrs.)
- • ORU minor (18 hrs.)

### TCC-ORU Bachelor’s Degree Total 137 hrs.

Specific courses needed for an associate’s degree in biology and a bachelor’s degree in biology are as follows:

### TCC General Education Total 27 hrs.
- Freshman Composition (ENGL 1113 and 1213) 6
- US History (HIST 1483 or 1493) 3
- Humanities Electives 6
- American Government (POLI 1103) 3
- Mathematics (MATH 1113) 3
- Social Sciences (PSYC 1113 or SOCI 1113) 3
- Speech Communication (SPCH 1113) 3

### TCC Biology Program Total 34 hrs.
- Biology (Biol 1224, 2164) 8
- Chemistry (CHEM 1315, 1415, 2145) 15
- Mathematics (MATH 1613) 3

**ORU General Education Total 29 hrs.**
- Whole Person Assessment (GEN 099) 0
- English (COMP 303) 3
- Biblical Literature (BLIT 110, 120) 6

### Minors
- ORU Biochemistry Minor (Optional) 4 hrs.
  - CHE 459 Biochemistry with Lab 4

### Requirement for ORU Total 76 hrs.
- • ORU minor (18 hrs.)
- • Premedical Concentration 8 hrs.
  - **Students wanting to include a premedicine concentration use 8 hours of elective to take the following courses:**
  - CHE 212 Organic Chemistry II (lecture and lab) 4

### Departmental Courses

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 101</td>
<td>Principles of Biology Lecture</td>
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<tr>
<td>BIO 101</td>
<td>Principles of Biology Laboratory</td>
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<tr>
<td>BIO 111</td>
<td>Introductory Biology I Lecture</td>
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<tr>
<td>BIO 111</td>
<td>Introductory Biology I Laboratory</td>
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<td>BIO 112</td>
<td>Introductory Biology II Lecture</td>
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<td>Introductory Biology II Laboratory</td>
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<td>BIO 200</td>
<td>Human Cadaver Dissection</td>
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<td>BIO 212</td>
<td>Principles of Microbiology Lecture</td>
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<td>Principles of Microbiology Laboratory</td>
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<td>BIO 251</td>
<td>Ozark Region Field Studies</td>
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<td>Scientific Terminology</td>
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<td>Microbiology Lecture</td>
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<td>BIO 360</td>
<td>Readings in Biology</td>
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<td>BIO 370</td>
<td>Methods in Biotechnology</td>
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<td>BIO 372</td>
<td>Introduction to Biological Research</td>
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<td>BIO 411</td>
<td>Molecular Cell Biology Lecture</td>
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<td>Biochemistry Seminar</td>
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<td>BIO 454</td>
<td>Special Topics</td>
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<td>BIO 456</td>
<td>Bioethics</td>
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<td>BIO 457</td>
<td>Principles of Immunology Lecture</td>
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<td>Principles of Immunology Laboratory</td>
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<td>Marine Ecology Lecture</td>
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<td>CHE 211</td>
<td>Organic Chemistry Lecture</td>
</tr>
<tr>
<td>CHE 211</td>
<td>Organic Chemistry Laboratory</td>
</tr>
<tr>
<td>CHE 212</td>
<td>Organic Chemistry II Lecture</td>
</tr>
<tr>
<td>CHE 212</td>
<td>Organic Chemistry II Laboratory</td>
</tr>
<tr>
<td>CHE 300</td>
<td>Quantitative Analysis Lecture</td>
</tr>
<tr>
<td>CHE 300</td>
<td>Quantitative Analysis Laboratory</td>
</tr>
<tr>
<td>CHE 303</td>
<td>Physical Chemistry I Lecture</td>
</tr>
<tr>
<td>CHE 303</td>
<td>Physical Chemistry Laboratory</td>
</tr>
<tr>
<td>CHE 304</td>
<td>Physical Chemistry II</td>
</tr>
<tr>
<td>CHE 400</td>
<td>Chemical Instrumentation Lecture</td>
</tr>
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<td>CHE 400</td>
<td>Chemical Instrumentation Laboratory</td>
</tr>
<tr>
<td>CHE 449</td>
<td>Chemistry Research Laboratory</td>
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<tr>
<td>CHE 452</td>
<td>Seminar</td>
</tr>
<tr>
<td>CHE 454</td>
<td>Recombinant DNA Technology</td>
</tr>
<tr>
<td>CHE 455</td>
<td>Oncological Chemistry</td>
</tr>
<tr>
<td>CHE 456</td>
<td>Inorganic Chemistry</td>
</tr>
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<td>CHE 458</td>
<td>Chemistry Internship</td>
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<tr>
<td>CHE 459</td>
<td>Biochemistry Lecture</td>
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<td>CHE 459</td>
<td>Biochemistry Laboratory</td>
</tr>
<tr>
<td>CHE 471</td>
<td>Structure and Bonding</td>
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<tr>
<td>CHE 473</td>
<td>Medicinal Chemistry</td>
</tr>
<tr>
<td>CHE 474</td>
<td>Environmental Analysis</td>
</tr>
<tr>
<td>CHE 499</td>
<td>Individual Research and Senior Paper</td>
</tr>
<tr>
<td>CHE 999</td>
<td>Elective</td>
</tr>
</tbody>
</table>

**ENGINEERING, COMPUTER SCIENCE, PHYSICS, AND MATHEMATICS DEPARTMENT**

John Matsson, Ph.D., Chair

MISSION STATEMENT: The Engineering, Computer Science, Physics, and Mathematics Department (ECSPM) seeks to provide students with the knowledge, skills, and experiences that will prepare them to solve real world problems within the context of a Christian worldview. This training (1) equips students in the application of science, mathematics, and computing for the improvement of the physical world, and (2) enables graduates to enter the engineering and scientific communities and contribute to the healing of the human condition. The department supports the overall university mission by developing analyti-
cal reasoning, technological competence, and problem solving in science, math, and engineering and by promoting understanding and reconciliation among the fields of science and theology.

**OVERVIEW**

The Engineering, Computer Science, Physics, and Mathematics Department (ECPM) offers bachelor's degrees in seven fields: (1) engineering, (2) engineering physics, (3) biomedical engineering, (4) environmental sustainability, (5) computer information technology, (6) mathematics, and (7) mathematics education. The department also offers minors in three fields (physics, environmental studies, and mathematics) and general education courses for students university-wide. An articulation program simplifies the transfer for students from Tulsa Community College (TCC) engineering programs to the engineering programs at ORU. The program is designed to enable students to earn an associate in science degree from TCC and then transfer to ORU to complete a bachelor's degree in science.

**GENERAL EDUCATION SCIENCE COURSES**

The department offers several courses that satisfy the general education lab science requirement at ORU. These include physical science, earth science, environmental geography, and environmental science. Cultural geography is also offered as a service or elective course for other majors. Additionally, summer field courses in environmental science are offered through an agreement with the Au Sable Institute in Michigan.

**DEGREE PROGRAMS**

**Engineering (B.S.E.)**

The ECPM Department has an ABET accredited bachelor of science in engineering (B.S.E.) degree with a mechanical, electrical, or computer engineering concentration. This degree is designed to prepare students to enter professional engineering practice and to provide instruction that will serve as an adequate foundation for graduate studies. This curriculum includes concentrations in electrical engineering, mechanical engineering, and computer engineering.

**Biomedical Engineering (B.S.)**

The bachelor of science degree with a major in biomedical engineering is designed to provide an engineering background for students planning to pursue advanced studies in biomedical engineering, medicine, or other health professions. This degree is not designed for students who want to enter directly into the practice of professional engineering following undergraduate study.

**Computer Information Technology (B.S.)**

The bachelor of science degree with a major in computer information technology is designed to provide (1) an appreciation for the impact of the computer on modern-day society, (2) valuable skills for use in any discipline, (3) training in rapidly growing information technology, (4) application development and deployment, (5) background necessary for graduate work in information technology. The information technology major trains students to apply the fundamental principles of information technology to projects, enterprise operations, application implementation, security, and main systems utilized in science, business, education, and government.

Students majoring in computer information technology major may choose to follow a fast-track path to an MBA degree. More information is available in the following section titled "Special Opportunities--Fast Track."

**Engineeing Physics (B.S.)**

The department offers a course of study leading to a bachelor of science degree with a major in engineering physics. Physics is the study of physical phenomena that occur in the universe. Knowledge of physics is required to understand the mechanisms that hold matter together at the subatomic, atomic, observational, and astrometric levels. As the principles of physics find wide application in other branches of science (e.g., chemistry, biology, medicine, etc.), the engineering physics major is designed to provide the necessary tools for students to become professional physicists who upon graduation may choose to enter industry, professional school, or graduate school. To prepare physics students for careers in engineering or physics upon graduating, the engineering physics curriculum emphasizes application of physics concepts to various engineering topics and problems. During the senior year, students may choose to study either a design problem or a research problem.

**Environmental Sustainability (B.S.)**

The bachelor of science degree with a major in environmental sustainability is designed to allow students to combine training in the fundamentals of environmental science with instruction to other pertinent fields of study. Stewardship of the environment and management of natural resources are seen as essential steps to providing for the needs of future generations. Such endeavors involve a wide range of professional disciplines. In this degree, students complete a core of environmental classes and also pursue two minors from a list that includes sociology, social justice, business, government, international relations, biology, chemistry, writing, journalism, missions, and recreation management. The degree prepares students to seek graduate degrees in related specialties.

**Mathematics (B.S.)**

The bachelor of science degree with a major in mathematics is designed to meet the needs of students seeking (1) a general appreciation of mathematics, (2) a foundation for graduate study in mathematics, and (3) mathematical tools required by other majors. Studying and researching in the classical fields of mathematics helps to develop knowledge, skills, and reasoning abilities necessary to pursue advanced studies in mathematics.

**Mathematics Education (B.S.)**

Students seeking licensure to teach at the secondary levels have two options: (1) completion of the mathematics education major, which leads to standard certification or (2) completion of any other major in the Engineering, Computer Science, Physics, and Mathematics Department, which can lead to alternative certification. As alternative certification is intended for those seeking career changes, requirements vary widely from state to state, and laws governing these programs can change frequently. Therefore, students interested in pursuing alternative certification need to meet with the ORU College of Education's certification officer to ensure they are well informed prior to choosing this option. Students pursuing alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification.

**ADMISSION TO THE ENGINEERING PROGRAM**

Engineering is the discipline and profession of applying mathematics and natural sciences to design and implement solutions of relevant problems in society. Engineers are professionals who turn ideas into reality, designing products and processes that are beneficial to people.

Initial admission to pursue a major in any of the engineering disciplines is provisional. Transfer students and students transferring from other majors at ORU must meet the same requirements to be fully admitted to the engineering degree program. Full admission is based on the following steps:

- Completion of the required engineering, science, and math courses as listed through the third semester of the respective degree plans with a minimum GPA of 2.25 in those courses.
- Submission of a written application, including an unofficial transcript, to the chairman expressing intent to enter the full program.
- Completion of an interview with the engineering faculty prior to final acceptance.

In addition, students must earn at least a grade of "C" in any prerequisite courses in order to continue in the engineering courses. To successfully complete the program, students must earn a grade of "C" or above in all major and cognate courses as well as MAT 201, PHY 111, and CHE 111. Students may not repeat a course more than two times.

**SPECIAL OPPORTUNITIES**

**Fast-Track Program**

The Fast Track Program allows ORU senior students to enroll concurrently in graduate courses and apply those hours toward a master's degree. Students may register for a maximum of six semester hours of graduate courses per semester.

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

Students in the computer information technology major and whose vision includes the earning of the Master of Business Administration (MBA) degree may reduce the time necessary to complete their study by enrolling in the Fast-Track Program. Undergraduate students in the computer information technology major need to minor in business and take two leveling courses, which serve to help the student meet prerequisites.

**Business Minor**

- ACT 215 Principles of Financial Accounting I 3
- BUS 201 Principles of Economics I 3
- MGT 130 Principles of Management 3
- MKT 130 Principles of Marketing 3

For the elective section of the minor, students need to take the following courses:

- ACT 216 Principles of Accounting II 3
- BUS 325 Business Law 3

School of Science and Engineering
Leveling Courses
FIN 338   Financial Management   3
BUS 372   Business Ethics   3

To participate, a student needs to apply to the College of Business graduate admissions. General criteria used for acceptance include a 3.0 GPA and an approved undergraduate major; students with a GPA below 3.0 may be considered on a case-by-case basis.

CLUBS AND ORGANIZATIONS
The ORU student section of the American Society of Mechanical Engineers (ASME) meets regularly to promote networking among professionals with a mechanical engineering emphasis. Participation with ASME professional development conferences offers students opportunities to present research and interact with working professionals.

The ORU chapter of the Association for Computing Machinery (ACM) provides students opportunities to establish relationships and share technological experiences and resources with professionals in the information technology field. ACM is an international scientific and educational organization dedicated to advancing the art, science, engineering, and application of information technology.

The Environmental Stewardship Club encourages students who are interested in improving the physical environment and learning how to be better stewards of God’s creation to meet regularly to hear speakers, have fellowship, and perform service projects. Students in any major are invited to participate.

The ORU student section of the Institute of Electrical and Electronics Engineers (IEEE) offers opportunities for students with electrical engineering or computer engineering emphases to engage in professional collaboration and participate in student competitions.

Students demonstrating scholarship in mathematics are invited to participate in the student chapter of Kappa Mu Epsilon, a mathematics honor society. The society hosts conferences and competitions to promote instruction and research in mathematics.

Opportunities for professional networking and development are also available to students through participation with the ORU student section of the Society of Hispanic Professional Engineers.

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

Outstanding Senior Awards. The department annually honors a graduating senior in each of the following majors: biomedical engineering, computer science, engineering physics, environmental engineering, mathematics, and mathematics education. The department also recognizes the overall outstanding graduating senior.

Outstanding Senior Paper. This recognizes the department’s best senior paper in each major.

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

Science Faculty and Alumni Scholarship. This award of approximately $600 is granted to one rising sophomore, one rising junior, and one rising senior from the Biology and Chemistry Department, and the Engineering, Computer Science, Physics, and Mathematics Department. The award is based on financial need and scholarship and is funded by contributions from alumni and faculty members.

James Wilkes Pugh Memorial Scholarship. This fund is designated for majors in the natural sciences (Biology and Chemistry Department and the Engineering, Computer Science, Physics, and Mathematics Department) who live in the Ozark regions of Missouri, Arkansas, and Oklahoma. This award is approximately $500.

Computer Science and Mathematics Scholarship. This award of $150 is granted based on need and performance to a junior or senior in a major in computer science, mathematics, or mathematics education.

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

Alumnus of the Year. This recognizes the outstanding Engineering, Computer Science, Physics, and Mathematics alumnus.

ENGINEERING MAJOR (EGR)
Bachelor of Science in Engineering

The degree requirements for the bachelor of science in engineering consist of general education courses, the engineering major, and one area of concentration.

General Education

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
</tr>
<tr>
<td>English (COMP 102, 303)</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
</tr>
<tr>
<td>Humanities (HUM 101 plus three of the following: HUM 222*, 223*, 244*, 301*, 333*, 250, 256, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
</tr>
<tr>
<td>Chemistry (CHE 111 lecture and lab)**</td>
</tr>
<tr>
<td>Physics (PHY 111 lecture and lab)</td>
</tr>
<tr>
<td>Mathematics (MAT 201)</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
</tr>
<tr>
<td>Social Sciences Elective (BUS 201 recommended)</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          56

* At least one course must be chosen from list courses marked with asterisks.

**Chemistry 112 lecture and lab may be substituted for Physics 111 lecture and lab for students who have a strong background in high school physics.

Major

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGR 100 Engineering/Physics Seminar*</td>
</tr>
<tr>
<td>EGR 101 Introduction to Engineering</td>
</tr>
<tr>
<td>EGR 140 Engineering Graphics</td>
</tr>
<tr>
<td>EGR 210 Network Analysis I (lecture and lab)</td>
</tr>
<tr>
<td>EGR 221 Mechanics I Statics</td>
</tr>
<tr>
<td>EGR 231 Heat and Thermodynamics</td>
</tr>
<tr>
<td>EGR 461 Engineering Management and Economy</td>
</tr>
<tr>
<td>EGR 498 Senior Design and Research I</td>
</tr>
<tr>
<td>EGR 499 Senior Design and Research II</td>
</tr>
<tr>
<td>PHY 112 Physics II (lecture and lab)</td>
</tr>
<tr>
<td>EGR 471 Concentration</td>
</tr>
</tbody>
</table>

One of the following courses**

EGR 252 Engineering Computational Methods

CSC 111 Introduction to Computing

Major Total          67

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

**Computer engineering concentration students take CSC 111; all others take EGR 252.

Cognate

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 202 Calculus II</td>
</tr>
<tr>
<td>MAT 211 Differential Equations</td>
</tr>
<tr>
<td>MAT 321 Calculus of Functions of Several Variables</td>
</tr>
<tr>
<td>MAT Elective (upper division)</td>
</tr>
</tbody>
</table>

Cognate Total          14

Note: As part of the engineering major, students need to select one of the following concentrations. Technical electives should be chosen so that there are sufficient engineering science and engineering design components to prepare students for professional practice in the chosen concentration.

Electrical Engineering Concentration (EEC)

<table>
<thead>
<tr>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>PHY 211 Introduction to Modern Physics (lecture and lab)</td>
</tr>
<tr>
<td>EGR 222 Mechanics II: Dynamics</td>
</tr>
<tr>
<td>EGR 330 Control Systems</td>
</tr>
<tr>
<td>EE 311 Network Analysis II</td>
</tr>
<tr>
<td>EE 321 Electronics I (lecture and lab)</td>
</tr>
<tr>
<td>EE 322 Electronics II (lecture and lab)</td>
</tr>
<tr>
<td>EE 360 Electromagnetic Theory</td>
</tr>
<tr>
<td>CMPE 340 Digital Systems Design</td>
</tr>
<tr>
<td>Choice of four of the following courses:</td>
</tr>
<tr>
<td>EE 325 Design w/ Standard Components</td>
</tr>
<tr>
<td>EE 361 Power Systems Analysis</td>
</tr>
<tr>
<td>EE 450 Digital Signal Processing</td>
</tr>
<tr>
<td>EGR 331 Design of Control Systems</td>
</tr>
<tr>
<td>CMPE 312 Computer Networks and Communications</td>
</tr>
<tr>
<td>CMPE 441 Microprocessor Systems Design</td>
</tr>
<tr>
<td>CMPE 443 Computer Architecture</td>
</tr>
<tr>
<td>CMPE 450 Special Topics</td>
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</table>

Electrical Engineering Concentration Total          40

Mechanical Engineering Concentration (MEC)

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<th>Credit Hours</th>
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<tbody>
<tr>
<td>EGR 222 Mechanics II: Dynamics</td>
</tr>
<tr>
<td>EGR 330 Control Systems</td>
</tr>
<tr>
<td>ME 321 Mechanics of Materials</td>
</tr>
<tr>
<td>ME 331 Applied Thermodynamics</td>
</tr>
<tr>
<td>ME 381 Principles of Design</td>
</tr>
<tr>
<td>ME 433 Heat Transfer</td>
</tr>
<tr>
<td>ME 441 Fluid Mechanics</td>
</tr>
<tr>
<td>ME 444 Experimental Methods</td>
</tr>
<tr>
<td>ME 447 Finite Element Method</td>
</tr>
<tr>
<td>ME 461 Manufacturing Processes</td>
</tr>
<tr>
<td>EE 321 Electronics I (lecture and lab)</td>
</tr>
<tr>
<td>Choice of two of the following courses:</td>
</tr>
<tr>
<td>EGR 331 Design of Control Systems</td>
</tr>
<tr>
<td>ME 371 Machines and Mechanisms</td>
</tr>
<tr>
<td>ME 450 Special Topics: Spiritual Engineering</td>
</tr>
<tr>
<td>ME 450 Special Topics: Fluid Mechanics Research</td>
</tr>
</tbody>
</table>

Concentration Total          40
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOMEDICAL ENGINEERING MAJOR (EGRB)</td>
<td>Bachelor of Science</td>
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<tr>
<td>General Education</td>
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<tr>
<td>Whole Person Assessment (GEN 009)</td>
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<td>English (COMP 102, 303)</td>
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<td>Oral Communication (COM 101)</td>
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<td>Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)</td>
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<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
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<tr>
<td>Theology (THE 103)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Chemistry (CHE 111 lecture and lab)</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Physics (PHY 111 lecture and lab)</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Mathematics (MAT 201)</td>
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<td>3</td>
</tr>
<tr>
<td>American History (HIS 101)</td>
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<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences Elective (BUS 201)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>(Health Fitness I and II, swimming course or proficiency, six electives)</td>
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</tr>
<tr>
<td>General Education Total</td>
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</tbody>
</table>

*At least one course must be chosen from list courses marked with asterisks.

**Major**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EGR 100</td>
<td>Engineering/Physics Seminar*</td>
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</tr>
<tr>
<td>EGR 101</td>
<td>Introduction to Engineering</td>
<td>2</td>
</tr>
<tr>
<td>EGR 140</td>
<td>Engineering Graphics</td>
<td>2</td>
</tr>
<tr>
<td>EGR 210</td>
<td>Network Analysis I (lecture and lab)</td>
<td>4</td>
</tr>
<tr>
<td>EGR 221</td>
<td>Mechanics I: Statics</td>
<td>3</td>
</tr>
<tr>
<td>EGR 222</td>
<td>Mechanics II: Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>EGR 252</td>
<td>Engineering Computational Methods</td>
<td>3</td>
</tr>
<tr>
<td>EGR 498</td>
<td>Senior Design and Research II</td>
<td>2</td>
</tr>
<tr>
<td>BE 310</td>
<td>Biomedical Engineering Survey</td>
<td>3</td>
</tr>
<tr>
<td>EE 311</td>
<td>Network Analysis II</td>
<td>3</td>
</tr>
<tr>
<td>EE 321</td>
<td>Electronics I (lecture and lab)</td>
<td>4</td>
</tr>
<tr>
<td>EE 322</td>
<td>Electronics II (lecture and lab)</td>
<td>4</td>
</tr>
<tr>
<td>EE 360</td>
<td>Electromagnetic Theory</td>
<td>3</td>
</tr>
<tr>
<td>CHE 112</td>
<td>General Chemistry II (lecture and lab)</td>
<td>4</td>
</tr>
</tbody>
</table>

ENVIRONMENTAL SUSTAINABILITY MAJOR (EVRS) Bachelor of Science

General Education | Credit Hours | 56 |

Major

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 211</td>
<td>Introduction to Modern Physics (lecture and lab)</td>
<td>4</td>
</tr>
<tr>
<td>CSC 255</td>
<td>Data Structures</td>
<td>3</td>
</tr>
<tr>
<td>CMPE 340</td>
<td>Digital Systems</td>
<td>4</td>
</tr>
<tr>
<td>CMPE 443</td>
<td>Microprocessor Systems Design</td>
<td>3</td>
</tr>
<tr>
<td>CMPE 450</td>
<td>Computer Architecture</td>
<td>3</td>
</tr>
<tr>
<td>CMPE 312</td>
<td>Computer Networks and Communications</td>
<td>3</td>
</tr>
<tr>
<td>CMPE 250</td>
<td>Special Topics**</td>
<td>3</td>
</tr>
<tr>
<td>EE 311</td>
<td>Network Analysis II</td>
<td>3</td>
</tr>
<tr>
<td>EE 325</td>
<td>Design with Standard Components</td>
<td>3</td>
</tr>
<tr>
<td>EE 361</td>
<td>Power Systems Analysis</td>
<td>3</td>
</tr>
<tr>
<td>EE 450</td>
<td>Special Topics**</td>
<td>3</td>
</tr>
<tr>
<td>EE 311</td>
<td>Network Analysis II</td>
<td>3</td>
</tr>
<tr>
<td>EE 325</td>
<td>Design with Standard Components</td>
<td>3</td>
</tr>
<tr>
<td>EE 361</td>
<td>Power Systems Analysis</td>
<td>3</td>
</tr>
<tr>
<td>EE 450</td>
<td>Special Topics**</td>
<td>3</td>
</tr>
</tbody>
</table>

Cognate

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 202</td>
<td>Calculus II</td>
<td>3</td>
</tr>
<tr>
<td>MAT 211</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MAT 321</td>
<td>Calculus of Several Variables</td>
<td>3</td>
</tr>
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</table>

Cognate Total | 11 |

Degree Total | 137 |

*At least one course must be chosen from list courses marked with asterisks.

Major

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 111</td>
<td>Organic Chemistry I (lecture and lab)</td>
<td>4</td>
</tr>
<tr>
<td>PHY 112</td>
<td>Organic Chemistry II (lecture and lab)</td>
<td>4</td>
</tr>
<tr>
<td>PHY 115</td>
<td>Physics I (lecture and lab)</td>
<td>4</td>
</tr>
<tr>
<td>PHY 211</td>
<td>Modern Physics (lecture and lab)</td>
<td>4</td>
</tr>
<tr>
<td>PHY 302</td>
<td>Heat and Thermodynamics</td>
<td>4</td>
</tr>
<tr>
<td>PHY 311</td>
<td>Mechanics I: Statics</td>
<td>3</td>
</tr>
<tr>
<td>PHY 312</td>
<td>Mechanics II: Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>PHY 321</td>
<td>Electronics I (lecture and lab)</td>
<td>4</td>
</tr>
<tr>
<td>PHY 331</td>
<td>Electromagnetic Theory</td>
<td>3</td>
</tr>
<tr>
<td>PHY 341</td>
<td>Advanced Physics Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>PHY 401</td>
<td>Optics</td>
<td>3</td>
</tr>
<tr>
<td>PHY 402</td>
<td>Quantum Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>PHY 498</td>
<td>Senior Research and Design I</td>
<td>2</td>
</tr>
<tr>
<td>PHY 499</td>
<td>Senior Research and Design II</td>
<td>2</td>
</tr>
<tr>
<td>PHY/EGR Elective (upper division)</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

EGR 100 | Engineering/Physics Seminar* | 0       |
| EGR 101 | Introduction to Engineering | 2       |
| EGR 140 | Engineering Graphics | 2       |
| EGR 210 | Network Analysis I (lecture and lab) | 4       |
| EGR 252 | Engineering Computational Methods | 3       |

Degree Total | 53 |

*At least one course must be chosen from list courses marked with asterisks.

Minor

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 202</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MAT 211</td>
<td>Differential Equations</td>
<td>4</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>
</tbody>
</table>

Minor Total | 17 |

Degree Total | 132 |

*At least one course must be chosen from list courses marked with asterisks.

Cognate

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 202</td>
<td>Calculus II</td>
<td>3</td>
</tr>
<tr>
<td>MAT 211</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MAT 321</td>
<td>Calculus of Functions of Several Variables</td>
<td>3</td>
</tr>
</tbody>
</table>

Cognate Total | 11 |

Degree Total | 137 |

*At least one course must be chosen from list courses marked with asterisks.

Major

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVE 201</td>
<td>Global Development and Sustainability</td>
<td>3</td>
</tr>
<tr>
<td>EVR 350</td>
<td>Environmental Science (lecture and lab)</td>
<td>4</td>
</tr>
<tr>
<td>EVR 380</td>
<td>Internship</td>
<td>3</td>
</tr>
<tr>
<td>EVR 450</td>
<td>Current Global Issues Seminar</td>
<td>3</td>
</tr>
<tr>
<td>EVR 499</td>
<td>Senior Paper</td>
<td>3</td>
</tr>
<tr>
<td>AUS*</td>
<td>Ethics</td>
<td>4</td>
</tr>
<tr>
<td>PSC 201</td>
<td>Principles of Earth Science</td>
<td>3</td>
</tr>
<tr>
<td>BUS 202</td>
<td>Principles of Economics II</td>
<td>3</td>
</tr>
</tbody>
</table>

Degree Total | 30 |

*At least one course must be chosen from list courses marked with asterisks.

General Education Total | 56 |

*At least one course must be chosen from list courses marked with asterisks.
Students with the environmental sustainability major need to choose two minors from the following list.

**Minor**
- Biology: 20
- Business: 18
- Chemistry: 20
- Government: 18
- International Relations: 18
- Journalism: 18
- Missions: 18
- Recreation Administration: 18
- Social Justice: 18
- Sociology: 18
- Writing: 18

Total for Two Minors: 36-40
Electives**: 9
Degree Total: 130-134

**Electives should be chosen from areas related to the student’s minors.

**MATHEMATICS MAJOR (MAT)**
**Bachelor of Science**

The mathematics curriculum is designed to meet the needs of students seeking (1) a general cultural background, (2) a foundation for graduate study in mathematics, and (3) mathematical tools required by other majors.

**General Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (COMP 102, 303)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 101)</td>
<td>12</td>
</tr>
<tr>
<td>Mathematics (MAT 207)</td>
<td>3</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>
</tbody>
</table>

Choice of one of the following sequences:
- BIO 111 and 112 (lecture and lab)
- CHE 111 and 112 (lecture and lab)
- PHY 111 and 112 (lecture and lab)
- American History (HIS 101)               | 3            |
- American Government (GOV 101)            | 3            |
- Social Sciences Elective (Choice of one  | 3            |
  of the following: PSY 201, MUS 208,      |
  SWK 202, SOC 101, SOC 201, SOC 323,     |
  BUS 201, FIN 244)                        |
- Health, Physical Education, and Recreation| 5            |
  (Health Fitness I and II, swimming course or proficiency, six electives)

**General Education Total**: 55

*At least one course must be chosen from list courses marked with asterisks.

**Major**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 201: Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MAT 202: Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MAT 211: Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MAT 300: Senior Paper/Project Preparation</td>
<td>1</td>
</tr>
<tr>
<td>MAT 312: Linear and Matrix Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAT 321: Calculus of Functions of Several Variables</td>
<td>4</td>
</tr>
<tr>
<td>Choice of two of the following courses:</td>
<td>6</td>
</tr>
<tr>
<td>MAT 325: Probability and Statistics</td>
<td></td>
</tr>
<tr>
<td>MAT 401: Higher Algebra</td>
<td></td>
</tr>
<tr>
<td>MAT 421: Advanced Calculus</td>
<td></td>
</tr>
<tr>
<td>MAT Elective (MAT 300 level or above)</td>
<td>3</td>
</tr>
<tr>
<td>MAT 499: Senior Paper/Project</td>
<td>2</td>
</tr>
</tbody>
</table>

**Major Total**: 30

**Cognate**

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

**Cognate Total**: 6

**Electives**: 18

**Degree Total**: 128

**Students need to choose a business minor or a mathematics minor, other minors need approval. Students choosing a business minor may choose to follow the Fast-Track Program toward a Master of Business Administration (MBA). More information is available in the preceding section titled “Special Opportunities--Fast track.”

**COMPUTER INFORMATION TECHNOLOGY MAJOR (CIT)**
**Bachelor of Science**

**General Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (COMP 102, 303)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 101 plus three of the</td>
<td>12</td>
</tr>
</tbody>
</table>
  following: HUM 222", 233", 244",       |
  301", 333", 250, 255, 260, 270,         |
  ART 103, ART 104, MUS 300, DRAM 215,   |
  COMP 101)                                |
| Mathematics (MAT 114 or 201)              | 3-4          |
| Biblical Literature (BLIT 110, 120)       | 6            |
| Theology (THE 103)                       | 3            |
| Laboratory Science                        | 8            |
| American History (HIS 101)               | 3            |
| American Government (GOV 101)            | 3            |
| Social Sciences Elective (Choice of one of the following: PSY 201, SOC 201, BUS 201) | 3 |
| Health, Physical Education, and Recreation| 5            |
  (Health Fitness I and II, swimming course or proficiency, six electives)

**General Education Total**: 55-56

**Major**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSC 111: Introduction to Computing</td>
<td>3</td>
</tr>
<tr>
<td>CIS 216: Project Management</td>
<td>3</td>
</tr>
<tr>
<td>CIS 302: Enterprise Development</td>
<td>3</td>
</tr>
<tr>
<td>CIS 304: System Analysis/Design</td>
<td>3</td>
</tr>
<tr>
<td>CIS 306: Database Development</td>
<td>3</td>
</tr>
<tr>
<td>CIS 428: Information System</td>
<td>3</td>
</tr>
<tr>
<td>CIS 442: Information System Security</td>
<td>3</td>
</tr>
<tr>
<td>CMPE 443: Computer Architecture</td>
<td>3</td>
</tr>
<tr>
<td>CSC 300: Senior Paper Preparation</td>
<td>3</td>
</tr>
<tr>
<td>CSC 341: Internet Programming</td>
<td>3</td>
</tr>
<tr>
<td>CSC 441: Data Communications</td>
<td>3</td>
</tr>
<tr>
<td>CSC 450: Internship</td>
<td>3</td>
</tr>
<tr>
<td>CSC 499: Senior Paper/Project</td>
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</tr>
</tbody>
</table>

**Major Total**: 36

**Cognate**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSC 255: Data Structures</td>
<td>3</td>
</tr>
<tr>
<td>MAT 208: Elementary Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MAT 325: Probability and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>CSC 232: Elementary Statistics</td>
<td></td>
</tr>
</tbody>
</table>

**Cognate Total**: 9

**Electives**: 9-11

**Degree Total**: 128

**MATHEMATICS EDUCATION MAJOR (MATE) WITH SECONDARY SCHOOL TEACHING LICENSURE**
**Bachelor of Science**

Students seeking licensure to teach at the secondary levels have two options: (1) completion of the mathematics education major, which leads to standard certification or (2) completion of any other major in the Computer Science/Mathematics Department, which can lead to alternative certification. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education of any state in which they plan to teach in order to ensure they meet specific requirements for that state’s alternative certification. Students interested in a teaching license should work closely with the advisor in the major department.

This major is designed for students wanting to teach mathematics at the middle or high school levels and meets the State of Oklahoma specific requirements for licensure. This major is offered in cooperation with the ORU College of Education; therefore, students interested in this major should work with both the advisor in this department and with the College of Education.

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

**General Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
<td>0</td>
</tr>
<tr>
<td>English (COMP 102, 303)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 101 plus three of the</td>
<td>12</td>
</tr>
</tbody>
</table>
  following: HUM 222", 233", 244",       |
  301", 333", 250, 255, 260, 270,         |
  ART 103, ART 104, MUS 300, DRAM 215,   |
  COMP 101)                                |
| Mathematics (MAT 114)                     | 3            |
| Biblical Literature (BLIT 110, 120)       | 6            |
| Theology (THE 103)                       | 3            |
| Laboratory Science                        | 8            |
| American History (HIS 101)               | 3            |
| American Government (GOV 101)            | 3            |
| Social Sciences Elective (Choice of one of the following: PSY 201, SOC 201, BUS 201) | 3 |
| Health, Physical Education, and Recreation| 5            |
  (Health Fitness I and II, swimming course or proficiency, six electives)

**General Education Total**: 55-56

**Major**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSC 111: Introduction to Computing</td>
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<tr>
<td>CIS 216: Project Management</td>
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<tr>
<td>CSC 300: Senior Paper Preparation</td>
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<tr>
<td>CSC 341: Internet Programming</td>
<td>3</td>
</tr>
<tr>
<td>CSC 441: Data Communications</td>
<td>3</td>
</tr>
<tr>
<td>CSC 450: Internship</td>
<td>3</td>
</tr>
<tr>
<td>CSC 499: Senior Paper/Project</td>
<td>3</td>
</tr>
</tbody>
</table>

**Major Total**: 36
Biology (BIO 101 or 111 lecture and lab) 4
Physical Science (PSC 101 lecture and lab) 4
Social Sciences (SOC 323) 3
American History (HIS 101) 3
American Government (GOV 101) 3
Foreign Language Proficiency PRF 001 0
(See 102 or 102 level of a foreign language class) 0
Health, Physical Education, and Recreation 4.5
(one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives)

General Education Total 54.5

*At least one course must be chosen from list courses marked with asterisks.

**Major**

MAT 201 Calculus I 4
MAT 202 Calculus II 4
MAT 207 Discrete Mathematics 3
MAT 211 Differential Equations 3
MAT 221 Math Concepts I 3
MAT 312 Linear and Matrix Algebra 3
MAT 313 College Geometry 3
MAT 315 History of Mathematics 3
MAT 321 Calculus of Functions of Several Variables 4

MAT 325 Probability and Statistics 3
MAT 401 Higher Algebra 3
Choice of one of the following 3

MAT 318 Elementary Number Theory 3
MAT 421 Advanced Calculus 4

Major Total 39

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

**Cognate**

CSC 111 Introduction to Computing 3
CSC 255 Data Structures 3
MAT 451 Mathematics Education Internship 2

Cognate Total 8

**Professional Education**

PED 100 Education Seminar (every semester) 1
PED 121 Field Experience/ Based Practicum (Secondary) 3
PED 203 Foundations and Methods of Education 3
PED 222 School Health Care 1
PED 305 Pedagogy I 4
PED 306 Pedagogy II 4
PED 361 Professional Education Seminar/ Portfolio 0
PED 485 Student Teaching: 7-9 5
PED 495 Student Teaching: 10-12 5
MAT 428 Secondary Methods: Mathematics 3

Professional Education Total 26
Electives 3

Degree Total 130.5

**Environmental Studies Minor (ENVM)**

The stewardship of the environment is of interest to all students regardless of their majors. To assist our community in making appropriate choices on environmental issues, we offer a minor in environmental studies. Students in any major may opt for this minor; however, some courses have prerequisites.

The curriculum for the minor combines in-class courses and field courses. Students should consult the advisor in the Engineering, Computer Science, Physics, and Mathematics Department so that there will be an appropriate combination of courses. Some courses are available through the Sable Institute in northern Michigan and may be taken in summer terms.

BIO 312 Ecology (lecture and lab) 4
EVR 350 Environmental Science (lecture and lab) 4
EVR 450 Current Global Issues Seminar 3

Choice of one of the following sequences: 4

CHE 101 Principles of Chemistry (lecture and lab) 4
CHE 111 General Chemistry I (lecture and lab) 4

Choice of one course from the following: 4

BIO 458 Marine Ecology (lecture and lab) 4
CHE 400 Chemical Instrumentation (lecture and lab) 4

*AUS 216 Field Geology*
*AUS 302 Limnology*
*AUS 311 Field Botany*
*AUS 471 Conservation Biology*
*AUS 482 Restoration Ecology*

Minor Total 19

*Courses with an AUS prefix are offered only at the Au Sable Institute in Michigan. The Biology Department section in this catalog has more information on this institute.

**Note:** Of the 19 hours, eight must be in field studies. EVR 350 lecture and lab combination may be taken as honors lab science course to meet 4 hours of general education requirements.

**Mathematics Minor (MATM)**

MAT 201 Calculus I 4
MAT 202 Calculus II 4
MAT 207 Discrete Mathematics 3
MAT 312 Linear and Matrix Algebra 3
MAT Elective (MAT 300 level or above) 3

Minor Total 17

**Physics Minor (PHYM)**

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

PHY 111 Physics I (lecture and lab) 4
PHY 112 Physics II (lecture and lab) 4
PHY 211 Introduction to Modern Physics 4

PHY Electives (upper division) 6

Total 18

**Transferring to ORU with an A.S. Degree**

**(from Tulsa Community College)**

An articulation agreement between Tulsa Community College (TCC) and ORU has been developed to assist students having an associate of science degree in engineering or biology to obtain a bachelor of science in one of the engineering or physics majors at ORU. This agreement allows students from TCC to transfer to ORU and receive the maximum allowable credit towards a bachelor's degree. Additional information is in the admissions section of this catalog.

**Degree Requirements**

Students with an associate's degree in engineering or biology from TCC and planning to major in engineering (mechanical, electrical, or computer) or biomedical engineering at ORU need to take the following general education courses at TCC and ORU. All TCC course work must be completed before taking ORU courses.

**TCC General Education Total 21-24 hrs.**

Freshman Composition (ENGL 1113, 1213) 6
Speech Communication (SPCH 1113) 3
US History (HIST 1483 or 1493) 3
Humanities Electives 9
American Government (POL 1113) 3
Social Sciences (PSYC 1113 or SOCI 1113) 3

**ORU General Education Total 18-21 hrs.**

Whole Person Assessment (GEN 099) 0
English (COMP 303) 3
Oral Communication (COM 101) 3
Biblical Literature (BUT 110, 120) 6
Theology (THE 103) 3
Humanities (Choice of HUM 101, 201, 222, 233, 244, 301, 333) 12
Health, Physical Education, and Recreation 3
(HPE 001 and 002, swimming course or proficiency, two electives)

**Students planning to major in engineering with a concentration in computer science take speech at ORU. Students planning to major in biomedical engineering or in engineering with a concentration in electrical or mechanical take speech at TCC.**

**B.S. Degree in Biomedical Engineering**

Students seeking an associate degree in biology from TCC and a bachelor's degree in biomedical engineering from ORU take courses and earn credit hours in the following areas:

**TCC Associate's Degree Total 72 hrs.**

• TCC general education (24 hrs.)
• TCC biology program (36 hrs.)
• TCC specified electives (12 hrs.)

**ORU Total 67 hrs.**

• ORU general education (18 hrs.)
• ORU biomedical engineering major (49 hrs.)

**TCC-ORU Bachelor's Degree Total 139 hrs.**

In addition to the general education courses listed earlier in this section, students wanting to major in biomedical engineering at ORU need to take the following biology program at TCC and engineering courses at
### ORU

**TCC Biology Program** 36 hrs.
- Biology (BIOL 1224, 1604, 2134, 2154) 16
- Chemistry (CHEM 1315, 1415, 2145, 2245) 20

**TCC Electives** 12 hrs.
- Physics (PHYS 2034) 4
- Mathematics (MATH 2114, 2124) 8

**ORU Biomedical Engineering Major** 49 hrs.
- BE 310 Biomedical Engineering Survey 3
- EGR 100 Engineering and Physics Seminar∗ 0
- EGR 101 Introduction to Engineering 4
- EGR 140 Engineering Graphics 2
- EGR 210 Network Analysis I (lecture and lab) 4
- EGR 221 Mechanics I: Statics 3
- EGR 222 Mechanics II: Dynamics 3
- EGR 252 Engineering Computational Methods 3
- EGR 498/499 Senior Design and Research I and II 4

**TCC General Education** 57 hrs.
- Computer Science (CSCI 1901, 2473, 2843) 15
- Engineering (ENGR 1111, 1132, 2103, 2134, 2213, 2523, 2613) 23
- Mathematics (MATH 2114, 2124, 2134, 2245) 16
- Physics (PHYS 2034, 2124) 8

**ORU Engineering Major (Computer)** 57 hrs.
- CMPE 340 Digital Systems 4
- CMPE 441 Microprocessor Systems Design 3
- CMPE 443 Computer Architecture 3
- CSC 255 Data Structures 3
- EE 321/322 Electronics I and II (lecture and lab) 8
- EGR 100 Engineering and Physics Seminar∗ 0
- EGR 101 Introduction to Engineering 2
- EGR 140 Engineering Graphics 2
- EGR 210 Network Analysis I Lab 1
- EGR 221 Mechanics I: Statics 3
- EGR 222 Mechanics II: Dynamics 3
- EGR 232 Heat and Thermodynamics 3
- EGR 461 Engineering Management and Economics 2
- EGR 498/499 Senior Design and Research I and II 4
- PHY 211 Introduction to Modern Physics 4

**TCC Engineering Electives** 20 hrs.
- EE 321 Electronics I (lecture and lab) 4
- EE 322 Electronics II (lecture and lab) 4
- EE 360 Electromagnetic Theory 3
- CMPE 340 Digital Systems Design 4
- PHY 211 Modern Physics (lecture and lab) 4

**ORU Total** 69 hrs.
- ORU general education (18 hrs.)
- ORU engineering major (51 hrs.)

**TCC-ORU Bachelor’s Degree Total** 139 hrs.

**B.S. Degree in Engineering Physics**

Students seeking an associate’s degree in physics from TCC and a bachelor’s degree in engineering physics from ORU take courses and earn credit hours in the following areas:

**TCC Associate’s Degree Total** 66 hrs.
- TCC general education (27 hrs.)
- TCC physics program (26 hrs.)
- TCC recommended electives (13 hrs.)

**ORU Total** 66 hrs.
- ORU general education (15 hrs.)
- ORU engineering physics major (51 hrs.)

**TCC-ORU Bachelor’s Degree Total** 132 hrs.

**B.S. Degree in Engineering**

Students wanting to complete this program need to pass the following courses at TCC and ORU:

**TCC General Education Total** 27 hrs.
- Freshman Composition (ENGL 1113, 1213) 6
- Speech Communication (SPCH 1113) 3
- US History (HIST 1483 or 1493) 3
- Humanities Electives 9
- American Government (POLS 1113) 3
- Social Sciences (PSYC 1113 or SOC 1113) 3

**TCC Physics Program** 26 hrs.
- Physics (PHYS 2034, 2124) 8
- Chemistry (CHEM 1315, 1415) 10
- Mathematics (MATH 2114, 2124) 8

**TCC Electives** 13 hrs.
- Engineering (ENGR 2103, 2523)
- Mathematics (MATH 2134, 2813)

**ORU General Education Total** 15 hrs.
- Whole Person Assessment (GEN 009) 0
- English (COMP 303) 3
- Biblical Literature (BIBL 110) 6
- Theology (THE 103) 3
- Health, Physical Education, and Recreation (HPE 001 and 002, swimming course or proficiency, two electives) 3

**ORU Engineering Physics Major** 51 hrs.
- EGR 100 Engineering and Physics Seminar∗ 0
- EGR 101 Introduction to Engineering 2
- EGR 140 Engineering Graphics 2
- EGR 210 Network Analysis I (lecture and lab) 4
- EGR 252 Engineering Computational Methods 3
Departmental Courses

*Required each semester of enrollment in this major.

**Bioengineering**

Bio 310 Biomedical Engineering Survey
Bio 450 Special Topics
Bio 495 Directed Studies
Bio 999 Elective

**Computer Engineering**

CMPE 312 Computer Networks and Communications
CMPE 340 Digital Systems Design Lecture
CMPE 441 Microprocessor Systems Design
CMPE 443 Computer Architecture
CMPE 450 Special Topics
CMPE 495 Directed Study
CMPE 999 Elective

**Computer Science**

CSC 101 Computer Concepts
CSC 111 Introduction to Computing
CSC 112 Microcomputer Applications in Business
CSC 231 Computers and Programming
CSC 255 Data Structures
CSC 300 Senior Paper/Project Preparation
CSC 331 Computer Logic and Organization
CSC 341 Internet Programming
CSC 351 Operating Systems Principles
CSC 353 Programming Languages
CSC 375 Numerical Analysis
CSC 441 Data Communication
CSC 450 Computer Science Internship
CSC 451 Advanced Systems Programming
CSC 453 Compiler Construction
CSC 454 Special Topics in Computer Science
CSC 460 Object-Oriented Design
CSC 499 Senior Paper/Project
CSC 999 Elective

**Electrical Engineering**

EE 311 Network Analysis II
EE 321 Electronics I Lecture
EE 321 Electronics I Laboratory
EE 322 Electronics II Lecture
EE 322 Electronics II Laboratory
EE 325 Design with Standard Components
EE 360 Electromagnetic Theory
EE 361 Power Systems Analysis
EE 363 Electromechanical Devices
EE 450 Special Topics
EE 462 Design of Power Systems
EE 495 Directed Study

**Environmental Science**

EVR 201 Global Development and Sustainability
EVR 350 Environmental Science Lecture
EVR 350 Environmental Science Laboratory
EVR 450 Current Global Issues Seminar
EVR 499 Senior Paper
EVR 999 Elective

**Geography**

GEO 201 Principles of Earth Science Lecture
GEO 251 Ozark Region Field Studies
GEO 307 Cultural Geography
GEO 350 Environmental Geography
GEO 999 Elective

**Mathematics**

MAT 099 Introduction to College Mathematics
MAT 113 Mathematical Analysis I
MAT 114 Mathematical Analysis II
MAT 151 Mathematics and Society
MAT 201 Calculus I
MAT 202 Calculus II
MAT 207 Discrete Mathematics
MAT 211 Differential Equations
MAT 221 Mathematics Concepts I
MAT 222 Mathematics Concepts II
MAT 232 Elementary Statistics
MAT 300 Senior Paper/Project Preparation
MAT 312 Linear and Matrix Algebra
MAT 313 College Geometry
MAT 315 History of Mathematics
MAT 318 Elementary Number Theory
MAT 321 Calculus of Functions of Several Variables
MAT 325 Probability and Statistics
MAT 332 Introduction to Biostatistics
MAT 401 Higher Algebra
MAT 421 Advanced Calculus I
MAT 422 Advanced Calculus II
MAT 428 Secondary Methods: Mathematics
MAT 429 Topics in Mathematics
MAT 433 Applied Statistics
MAT 451 Mathematics Education Internship
MAT 499 Senior Paper/Project
MAT 999 Elective

**Mechanical Engineering**

ME 321 Mechanics of Materials
ME 331 Applied Thermodynamics
ME 371 Machines and Mechanisms
ME 381 Principles of Design
ME 433 Heat Transfer
ME 441 Fluid Mechanics
ME 444 Experimental Methods

**Physics**

PHY 101 General Physics I Lecture
PHY 101 General Physics I Laboratory
PHY 102 General Physics II Lecture
PHY 102 General Physics II Laboratory
PHY 111 Physics I Lecture
PHY 111 Physics I Laboratory
PHY 112 Physics II Lecture
PHY 112 Physics II Laboratory
PHY 211 Introduction to Modern Physics Lecture
PHY 999 Elective

**Physical Science**

PSC 101 Principles of Physical Science Lecture
PSC 101 Principles of Physical Science Laboratory
PSC 103 Broadcast Electronics Lecture
PSC 103 Broadcast Electronics Laboratory
PSC 201 Principles of Earth Science Lecture
PSC 201 Principles of Earth Science Laboratory
PSC 251 Ozark Region Field Studies
PSC 350 Environmental Geography Lecture
PSC 350 Environmental Geography Laboratory
PSC 999 Elective

**School of Science and Engineering**

Fritz Huber, Ed. D., Chair

MISSION STATEMENT: The mission of the Health, Physical Education, and Recreation Department is to complete the wholeness of the students of Oral Roberts University by imparting lifelong, foundational concepts concerning the development of a healthy lifestyle that includes physical fitness. In addition, it seeks to provide the departmental majors with knowledge and experiences to prepare them to successfully fulfill God's calling on their lives and go into every person's world.
**Overview**

The health, physical education, and recreation program is an integral part of the university's whole-person philosophy. Its objectives are (1) to develop aerobic fitness and to maintain a strong and healthy body through proper physical activity and good health habits; (2) to acquaint the student with the knowledge necessary to participate in a variety of physical activities; (3) to aid the student in acquiring skills in lifetime sports and recreational activities; (4) to provide a climate in which the student may achieve habits of initiative, self-responsibility, and loyalty, and learn to live socially and cooperatively with others; (5) to acquaint the student with a continuing program of lifetime health and fitness; and (6) to provide a curriculum through which a student may qualify for certification to teach or to work in numerous fields of health, physical education, and recreation.

**General Education Courses**

ORU was founded on a concept of education for the whole person, equally emphasizing the development of the mind, spirit, and body. For that reason, each ORU student is required to pass a physical education activity course each semester and to pursue an individual fitness program. Each physical education activity course may be taken only twice for credit toward fulfilling the physical education requirement for graduation.

The ORU program focuses on the concept of aerobics, a physical-fitness program designed by Dr. Kenneth H. Cooper, a former Air Force physician and innovator of the exercise program used by the astronauts. It is a program designed to increase the capacity of the heart, lungs, and blood vessels through a calculated series of exercises that emphasizes walking, running, swimming, and cycling. These exercises require one to breathe harder and faster. The greater the oxygen intake, the harder the heart and lungs must work. The more these organs work, the stronger they become. This reduces the chances of heart disease and related physical ailments later in life.

**Degree Programs**

In addition to the physical activity courses and aerobics requirements for all students, the Health, Physical Education, and Recreation Department offers three majors and two minors.

### Health and Exercise Science (B.S.)

This major helps prepare students for careers in health and exercise science related areas. Students with this major choose one of three areas of concentration: exercise specialist, prephysical therapy, and presports medicine. Students also have choices in electives. This major is also excellent for students wanting to continue their studies in one of the Health, Physical Education, and Recreation Department’s articulation agreements: occupational therapy and physical therapy.

### Recreation Administration (B.S.)

The recreation administration major includes courses in organizing and administering recreation programs, safety and first aid, leadership, outdoor recreation, and the theory and analysis of sports. The major also includes an internship.

### Health and Physical Education (B.S.)

Students seeking licensure to teach at the K-12 levels have two options: (1) completion of the health and physical education major, which leads to standard certification; or (2) completion of any other major in the HPE Department, which can lead to alternative certification. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education for any state in which they plan to teach in order to ensure they meet specific requirements for that state’s alternative certification.

Students interested in a teaching license should work closely with the advisor in the major department.

This degree is designed for students wanting to teach physical education in private or public schools. The program meets the requirements for the State of Oklahoma’s teaching license for elementary through high school grades in this field.

### Occupational Therapy Articulation Agreement

ORU has an articulation agreement with the University of Oklahoma-Tulsa (OU-Tulsa) for earning a Master’s 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.

The University of Oklahoma 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.**
  - **CHE 111 and 112, PHY 101 and 102, BIO 111, PHS 223 and 224, MAT 232, and two psychology courses except PSY 232.**

### Awards

In recognition of scholarship, leadership, and ORU lifestyle commitment, the Health, Physical Education, and Recreation Department annually honors outstanding students by the presentation of the following awards:

- **Outstanding Senior Award:** This recognizes the department’s most worthy graduating senior in each of the majors: health and physical education, health and exercise science, and recreation administration.
- **Outstanding Health, Physical Education, and Recreation Senior Paper:** This recognizes the department’s best senior research project.

**Health and Exercise Science Major (HES)**

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

### General Education Credit Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN 099</td>
<td>Whole Person Assessment</td>
<td>6</td>
</tr>
<tr>
<td>COMP 102, 203</td>
<td>English</td>
<td>6</td>
</tr>
<tr>
<td>COMP 101, 301</td>
<td>Oral Communication</td>
<td>6</td>
</tr>
<tr>
<td>BUT 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>CHE 223, 224</td>
<td>Laboratory Science</td>
<td>12</td>
</tr>
<tr>
<td>MAT 232, 201</td>
<td>Mathematics</td>
<td>3-4</td>
</tr>
<tr>
<td>HUM 101</td>
<td>Humanities</td>
<td>12</td>
</tr>
<tr>
<td>PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244</td>
<td>Social Sciences Elective</td>
<td>3</td>
</tr>
<tr>
<td>COMP 102, 301</td>
<td>Health, Physical Education, and Recreation</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>Total</strong></td>
<td><strong>59-60</strong></td>
</tr>
</tbody>
</table>

**General Education Total**

*At least one course must be chosen from list courses marked with asterisks.

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

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

*Prephysical therapy and presports medicine students need to take PSY 201 for the social sciences elective.
### RECREATION ADMINISTRATION MAJOR (HPR)

**Bachelor of Science**

**General Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
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</tr>
<tr>
<td>English (COMP 102, 303)</td>
<td>6</td>
</tr>
<tr>
<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
<tr>
<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
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<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science (lecture and lab)</td>
<td>8</td>
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<tr>
<td>Mathematics (MAT 151)</td>
<td>3</td>
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<tr>
<td>American History (HIS 101)</td>
<td>3</td>
</tr>
<tr>
<td>American Government (GOV 101)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)</td>
<td>12</td>
</tr>
<tr>
<td><strong>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)</strong></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>
<tr>
<td><strong>General Education Total</strong></td>
<td><strong>55</strong></td>
</tr>
</tbody>
</table>

*At least one course must be chosen from list courses marked with asterisks.

**Major**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Introduction to HPE</td>
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</tr>
<tr>
<td>Introduction to Leisure Services</td>
<td>3</td>
</tr>
<tr>
<td>Personal Health Science</td>
<td>3</td>
</tr>
<tr>
<td>Safety and First Aid</td>
<td>3</td>
</tr>
<tr>
<td>Organization and Administration of Programs</td>
<td>3</td>
</tr>
<tr>
<td>Outdoor Recreation and Camping</td>
<td>3</td>
</tr>
<tr>
<td>Leadership in Sports and Leisure Services</td>
<td>3</td>
</tr>
<tr>
<td>Recreation Programming</td>
<td>3</td>
</tr>
<tr>
<td>Internship in Recreation Administration</td>
<td>3</td>
</tr>
<tr>
<td>Research in HPE (Senior Paper)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Choice of six of the following courses:</strong></td>
<td><strong>12</strong></td>
</tr>
<tr>
<td>Coaching (2 hrs.)</td>
<td></td>
</tr>
<tr>
<td>Psychology of Sport (2 hrs.)</td>
<td></td>
</tr>
<tr>
<td>Theory and Analysis of Teaching Soccer/Volleyball (2 hrs.)</td>
<td></td>
</tr>
<tr>
<td>Theory and Analysis of Teaching Track and Field/Weight Training (2 hrs.)</td>
<td>2</td>
</tr>
<tr>
<td>Theory and Analysis of Teaching Aquatics (2 hrs.)</td>
<td></td>
</tr>
<tr>
<td>Theory and Analysis of Teaching Football/Badminton (2 hrs.)</td>
<td></td>
</tr>
<tr>
<td>Theory and Analysis of Teaching Golf (2 hrs.)</td>
<td></td>
</tr>
<tr>
<td>Theory and Analysis of Teaching Tennis/Pickleball (2 hrs.)</td>
<td></td>
</tr>
<tr>
<td>Theory and Analysis of Teaching Softball/Basketball (2 hrs.)</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>44</strong></td>
</tr>
</tbody>
</table>

**Cognate**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>Microcomputer Application in Business</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>3</strong></td>
</tr>
</tbody>
</table>

**Degree Total**

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

### HEALTH AND PHYSICAL EDUCATION MAJOR (HPE) WITH K-12 TEACHING LICENSURE

**Bachelor of Science**

**General Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Person Assessment (GEN 099)</td>
<td>0</td>
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<tr>
<td>English (COMP 102, 303)</td>
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<td>Oral Communication (COM 101)</td>
<td>3</td>
</tr>
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<td>Biblical Literature (BLIT 110, 120)</td>
<td>6</td>
</tr>
<tr>
<td>Theology (THE 103)</td>
<td>3</td>
</tr>
<tr>
<td>Physical Science (lecture and lab)</td>
<td>4</td>
</tr>
<tr>
<td>Biological Science (HPE 319 lecture and lab)</td>
<td>4</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>Foreign Language Proficiency PRF 001 (exam or 102 level of a foreign language class)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101)</td>
<td>12</td>
</tr>
<tr>
<td><strong>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)</strong></td>
<td>3</td>
</tr>
<tr>
<td>Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, Basic First Aid/CPR, swimming course or proficiency, and electives)</td>
<td>5</td>
</tr>
<tr>
<td><strong>General Education Total</strong></td>
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</tbody>
</table>

*At least one course must be chosen from list courses marked with asterisks.

**Major**

<table>
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<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Introduction to HPE</td>
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<td>3</td>
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<tr>
<td>Safety and First Aid</td>
<td>3</td>
</tr>
<tr>
<td>Motor Learning, Games, and Adaptive PE3</td>
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</tr>
<tr>
<td>Kinesiology and Biomechanics</td>
<td>3</td>
</tr>
<tr>
<td>Prevention and Care of Sports Injuries</td>
<td>3</td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>44</strong></td>
</tr>
</tbody>
</table>

**Cognate**

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<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microcomputer Application in Business</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>3</strong></td>
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</tbody>
</table>

**Degree Total**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>128</td>
</tr>
</tbody>
</table>
School of Science and Engineering

**Departmental Courses**

**HPE Electives (upper division)** 3
- HPE 344 Recreation Programming
- HPE 343 Leadership in Sports and Leisure
- HPE 331 Outdoor Recreation and Camping
- HPE 315 Organization and Administration of
- HPE 202 Introduction to Leisure Services

**Professional Education**

- PED 100 Education Seminar (every semester) 0
- PED 111 Field-Based Experience-(Elementary) 1
- PED 121 Field-Based Experience-(Secondary) 2
- PED 203 Foundations and Methods of Education
- PED 222 School Health Care 1
- PED 305 Pedagogy I 4
- PED 306 Pedagogy II 4
- PED 361 Prof Education Seminar/Portfolio 0
- PED 475 Intern/Student Teaching: Elementary 5
- PED 495- Intern/Student Teach: 10-12 5
- PED 452 HPE Methods and Evaluation 3

**RECREATION ADMINISTRATION MINOR (HPRM)**

- HPE 002 Health Fitness II
- HPE 001 Health Fitness I
- HPE 022 Introduction to Leisure Services 3
- HPE 031 Leadership in Sports and Leisure Services 3
- HPE 034 Recreation Programming 3
- HPE 030 Weight Training 3
- HPE 039 Scuba Master Diver 3
- HPE 040 Advanced Scuba 4
- HPE 042 Creative Aerobics 4
- HPE 044 Step Aerobics 4
- HPE 045 Pilates for Christians 4
- HPE 046 Equestrian 4
- HPE 047 Intermediate Equestrian 4
- HPE 051 Volleyball 5
- HPE 053 Intermediate/Advanced Volleyball 5
- HPE 054 Racquetball 5
- HPE 080 Adaptive Physical Education 5
- HPE 084 Self-Defense 5
- HPE 089 Exercise and Weight Control 5
- HPE 093 Body Sculpting 5
- HPE 096 Intermediate/Advanced Mountain Biking 5
- HPE 097 Backpacking 5
- HPE 099 Aerobics Proficiency 5
- HPE 100 Walk for Fitness 5
- HPE 101 Fitness for Life I 5
- HPE 102 Fitness for Life II 5
- HPE 124 Lifeguarding 5
- HPE 200 Introduction to Health, Physical Education, and Recreation 5
- HPE 202 Introduction to Leisure Services 5
- HPE 208 Theory of Coaching 5
- HPE 231 Personal Health Science 5
- HPE 314 Motor Learning, Games, and Adaptive PE 5
- HPE 315 Organization and Administration of Programs 5
- HPE 316 Kinesiology and Biomechanics 5
- HPE 317 Psychology of Sport 5
- HPE 318 Applied Anatomy and Physiology 5
- HPE 319 Prevention and Care of Sports Injuries 5
- HPE 320 Exercise Physiology 5
- HPE 321 Outdoor Recreation and Camping 5
- HPE 324 Leadership in Sports and Leisure Services 5
- HPE 326 Beginning Tennis 5
- HPE 327 Intermediate Tennis 5
- HPE 328 Advanced Tennis 5
- HPE 333 Intermediate/Advanced Tennis 5
- HPE 334 Advanced Tennis 5
- HPE 335 Intermediate Tennis 5
- HPE 336 Tennis/Field 5
- HPE 337 Tennis/Weight 5
- HPE 338 Tennis/Track 5
- HPE 339 Tennis/Field/Weight 5
- HPE 340 Tennis/Field/Track 5
- HPE 341 Tennis/Field/Weight 5
- HPE 342 Tennis/Track/Weight 5
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- HPE 405 Tennis/Field/Track/Weight 5
- HPE 406 Tennis/Field/Track/Weight 5
- HPE 407 Tennis/Field/Track/Weight 5
- HPE 408 Tennis/Field/Track/Weight 5
- HPE 409 Tennis/Field/Track/Weight 5
- HPE 410 Tennis/Field/Track/Weight 5
- HPE 411 Tennis/Field/Track/Weight 5
- HPE 412 Techniques of Health Fitness Evaluation 5
- HPE 413 Directed Study 5
- HPE 414 HPE Methods and Evaluation 5
- HPE 415 Internship in Health and Exercise Science 5
- HPE 416 Internship in Recreation Administration 5
- HPE 499 Research in HPE (Senior Paper) 5
- HPE 999 Elective 5

**Graduate Health, Physical Education**

- GHPE 503 Graduate Health Fitness 5
- GHPE 703 Graduate Health Fitness 5
- GHPE 515 Graduate Aerobics 5
- GHPE 715 Graduate Aerobics 5
- GHPE 525 Graduate Walk for Fitness 5
- GHPE 725 Graduate Walk for Fitness 5
- GHPE 999 Elective 5

**Proficiencies**

- PRF 007 First Aid and CPR Proficiency 5
- PRF 070 Swimming Proficiency 5

**Softball/Basketball (2 hrs.)**

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

**Health and Exercise Science Minor (HESM)**

This program is designed for students majoring in another discipline and who desire a minor in health promotion and applied exercise physiology.

**RECREATION ADMINISTRATION MINOR (HPRM)**

**Physical Activity Courses**
COLLEGE OF THEOLOGY AND MISSIONS

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

MISSION STATEMENT: Oral Roberts University College of Theology and Missions provides undergraduate and professional theological education for the equipping and training of men and women empowered by the Holy Spirit for effective leadership in the Christian church, ministries, and society.

FACULTY

UNDERGRADUATE

Carol Blan..........................Assistant Professor of Christian Education
B.A., Central Bible College, 1970; B.S.N., University of Tulsa, 1974; M.A., Oral Roberts University, 1990.

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

Kerry Loescher....................Instructor of Practical Ministry

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.........Professor of Theology

Lillian Breckenridge........Professor of Christian Education

William Baker...............Associate Professor of Christian Counseling

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

Tim Eckblad......................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

Thomson K. Mathew..........Professor of Pastoral Care and Dean

Kenneth Mayton...............Associate Professor of Practical Theology

William McDonald............Assistant Professor of Old Testament

James Norwood.................Associate Professor of Counseling
B.S., Acorn State University, 1966; M.Div., Southern Baptist Theological Seminary, 1974; M.A., Fisk University, 1982; M.A., Oral Roberts University, 2006; Ed.D., Vanderbilt University, 1991.

Mark E. Roberts..............Assistant Professor of Learning Resources and Director of Holy Spirit Research Center
B.A., Mississippi College, 1982; M.A., Ohio State University, 1984; M.A., Vanderbilt University, 1995; Ph.D., 2002.

Raymond Smith.................Associate Professor of Missions

Charles Snow..................Professor of Preaching and Leadership

Daniel Thimell...............Assistant Professor of Theological-Historical Studies

Edward Watson...............Associate Professor of Biblical Literature and Practical Theology and Chair, Undergraduate Theology Department

Aghavat Young............Associate Professor of Christian Counseling
B.A., University of North Texas, 1965; M.T.A., Northeastern State University, 1968; Ed.D., University or Tulsa, 1982.

Brad H. Young.................Professor of Biblical Literature

EMERITI FACULTY

Dr. Oon-Chor Khoo, 1977-1996

OVERVIEW

Basic to the purpose of Oral Roberts University—a pre-eminently charismatic university—is its commitment to the historic Christian faith, to assist students in their quest for knowledge of their relationship to God and man and the universe. Students have opportunities to study abroad in Israel. The mission internship program is designed to provide practical experience in a mission environment where students can visit other countries for the summer or a full semester. Ministry internships are also available. The seminary offers M.Div., M.A. (both academic and professional), and D.Min. degrees.

UNDERGRADUATE THEOLOGY DEPARTMENT

Edward Watson, Ph.D., Chair

MISSION STATEMENT: The undergraduate Theology Department equips students with a spirit-filled education in Biblical, historical-theological, and pastoral studies in order to develop effective Christian leadership in the Church and global society.

DEGREE PROGRAMS

The undergraduate Theology Department offers majors in three areas: Biblical literature; church ministry and leadership, and theological-historical studies.

Biblical Literature

The greatest asset for effective integration of truth is a solid knowledge of the Bible. Therefore, courses in Biblical literature are designed to give students an understanding and appreciation of the Word of God and its application. The Biblical literature focuses 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 and philosophical dimensions of the Christian faith and its contemporary expressions. “Always be ready to give a defense to everyone who asks you a reason for the hope that is within you …” (Peter 3:15). The 21st century will be filled with a multitude of worldview and ideas about the nature of reality and truth. Theological studies at ORU prepares students to go into the worlds of religious thought and practice to testify to the Truth. Students majoring in this area choose one of two concentrations offered: Christian philosophy or theology and church history.

Special Opportunities

Trips to Israel

Each year, students have the opportunity to accompany a professor to the Holy Land to visit ancient cities, archaeological digs, and historical museums. These trips provide insight and background for Biblical studies and provide great experience for students.

Study Abroad

Students have the opportunity to spend a semester or term in Jerusalem for college credit and cultural study. Students may broaden their horizons and receive education unavailable in a standard American classroom setting.

Mission Trips

Each year ORU’s missions program offers students the chance to engage in a short-term mission trip and send approximately 200 students to various destinations around the world. Week-long trips occur over fall and spring breaks and month-long trips are taken during the summer. Missions trips have taken ORU students to countries such as Brazil, India, Australia, Belize, Iceland, China, Honduras, Japan, and Guyana. Students may contact ORU missions services for more information.

Fast-Track Program

The Fast Track Program allows ORU senior students to enroll concurrently in graduate courses and apply those hours toward a master's degree. Students may register for a maximum of six semester hours of graduate courses per semester. These students remain classified as undergraduates by the university and are billed the corresponding undergraduate tuition rate as long as enrollment remains between 12.0 and 18.5 credit hours. If enrollment is below 12.0 or exceeds 18.5 credit hours, they are billed the corresponding graduate per-credit-hour tuition rate. Students may earn up to 12 hours towards a graduate degree through the fast-track program. Graduate level courses taken through the fast-track program may not be used to fulfill undergraduate degree requirements.

 ORU undergraduate theology students can be eligible to begin the M.A. fast track in graduate theology if they fulfill the following requirements:
- Complete a Fast-Track Program application form available in the College of Theology and Missions.
- Have completed a minimum of 90 semester hours of undergraduate coursework.
- Have a minimum grade point average of 3.0.
- Need less than a full course load for graduation.

More information is available from the College of Theology and Missions.

M.A. Academic Track

ORU undergraduate theology students can be eligible to begin the M.A. academic track in graduate theology if they meet the following criteria: (1) majoring in Old Testament, New Testament, or Theological and Historical Studies; (2) a minimum 3.0 cumulative GPA; and (3) an undergraduate theology professor's recommendation. Students can complete an M.A. academic degree in one academic year, plus six hours in the summer between their undergraduate and graduate degrees. Students can receive up to 15 hours of advanced standing for undergraduate theology courses that have been completed with a "B" or better.

Students are required to complete an M.A. academic track application and submit it along with the letter of recommendation from an undergraduate theology professor to the College of Theology and Missions graduate representative.

AWARDS

To reward excellence in academics, leadership, and Christian lifestyle, the Undergraduate Theology Department annually honors outstanding students by presenting the following awards:

Outstanding Theology Senior Awards: This recognizes the department's most worthy graduating senior in each of the following areas: Biblical literature, theological/historical studies, ministry and leadership, and practical ministry.

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

Zondervan/Oral Roberts University Greek Award: Zondervan Publishing House recognizes outstanding achievement in the study of Biblical Greek by awarding a Zondervan product and a commemorative medal and by arranging for the recipient's name to be engraved on a plaque displayed in the department. To be eligible, the student must be a graduating senior in the Theology Department and must have completed the four departmental Biblical Greek courses: BIB 251, BIB 252, BIB 351, BIB 352.

ENGLISH BIBLE MAJOR (BLE)

Bachelor of Arts

The English Bible major leads the student in an in-depth examination of the contents of both the Old and New Testament and exegesis of the English text. The student may opt to study the Biblical languages.

Theological-historical courses are required in the cognate to enable the students to interpret the Bible within a sound theological-historical framework.

General Education Credit Hours

Whole Person Assessment (GEN 099) 0
English (COMP 102, 303) 6
Foreign Language (2 semesters including 203) 6
Oral Communication (COM 101) 3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) 12
Bible (BIB 222, 265) 6
Theology (THE 103) 3
Laboratory Science 8
Mathematics 3
American History (HIS 101) 3
American Government (GOV 101) 3
Social Sciences Elective (Choice of one of the following: PSY 201, FIN 244, SOC 101, SOC 201, BUS 201, SOC 323, SWK 202, MUS 208) 3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives) 5

General Education Total 61

*At least one course must be chosen from list courses marked with asterisks.

Major

BIB 362 Jesus and the Gospels 3
BIB 421 Pentateuch 3
BIB 438 Intertestamental Literature 3
BIB 499 Senior Paper 3
BIB Electives in Old Testament* 9
BIB Electives in New Testament* 9

Major Total 30

*Cognate Total 18
Minor** and/or Electives* 19

Degree Total 128

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

**If a student majoring in English Bible declares a minor, it must be in an area other than Biblical literature (Old or New Testament).
OLD TESTAMENT
MAJOR (BLO)
Bachelor of Arts

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

drical-historical framework.

General Education Credit Hours
Whole Person Assessment (GEN 099) 0
English (COMP 102, 303) 6
Foreign Language (2 semesters including 203) 6
Oral Communication (COM 101) 3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) 12
Bible (BIB 222, 261) 6
Theology (THE 103) 3
Laboratory Science 8
Mathematics 3
American History (HIS 101) 3
American Government (GOV 101) 3
Social Sciences Elective (Choice of one of the following: PSY 201, FIN 244, SOC 101, SOC 201, BUS 201, SOC 323, SWK 202, MUS 208) 3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives) 5

General Education Total 61

*At least one course must be chosen from list courses marked with asterisks.

Major
BIB 311 Biblical Hebrew I 3
BIB 312 Biblical Hebrew II 3
BIB 319 Hebrew Exegesis 3
BIB 332 Old Testament Historical Books 3
BIB 421 Pentateuch 3
BIB 424 Hebrew Prophets 3
BIB 437 Psalms and Wisdom Literature 3
BIB 499 Senior Paper 3
BIB Old Testament electives 6

Major Total 30

Cognate
BIB 306 Hermeneutics 3
THE 217 Research Seminar 3
THE 313 Systematic Theology I 3
THE 461 History of Christianity I: Early Church 3
CHRM 305 Teaching the Bible 3
CHRM 399 Signs and Wonders 3

Cognate Total 18
Minor and/or Electives* 19
Elective* 1

Degree Total 128

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

NEW TESTAMENT
MAJOR (BLN)
Bachelor of Arts

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

General Education Credit Hours
Whole Person Assessment (GEN 099) 0
English (COMP 102, 303) 6
Foreign Language (2 semesters including 203) 6
Oral Communication (COM 101) 3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) 12
Bible (BIB 222, 261) 6
Theology (THE 103) 3
Laboratory Science 8
Mathematics 3
American History (HIS 101) 3
American Government (GOV 101) 3
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 201, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) 3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives) 5

General Education Total 61

*At least one course must be chosen from list courses marked with asterisks.

Major
BIB 251 Biblical Greek I 3
BIB 252 Biblical Greek II 3
BIB 351 Greek Exegesis 3
BIB 362 Jesus and the Gospels 3
BIB 364 Pauline Epistles 3
BIB 372 Johanneine Literature 3
BIB 499 Senior Paper 3
BIB New Testament electives 6

Major Total 30

Cognate
BIB 306 Hermeneutics 3
THE 217 Research Seminar 3
THE 313 Systematic Theology I 3
THE 461 History of Christianity I: Early Church 3
CHRM 305 Teaching the Bible 3
CHRM 399 Signs and Wonders 3

Cognate Total 18
Minor and/or Electives* 19
Degree Total 128

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

MINISTRY AND LEADERSHIP
MAJOR (ML)
Bachelor of Arts

This major provides the student with an in-depth exploration of Christian leadership within the context of professional ministry and better equips the student for his or her calling by offering a choice of concentrations: (1) educational ministries of the church, (2) church administration, or (3) evangelism and outreach.

General Education Credit Hours
Whole Person Assessment (GEN 099) 0
English (COMP 102, 303) 6
Foreign Language (2 semesters including 203) 6
Oral Communication (COM 101) 3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) 12
Bible (BIB 222, 261) 6
Theology (THE 103) 3
Laboratory Science 8
Mathematics 3
American History (HIS 101) 3
American Government (GOV 101) 3
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 201, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) 3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives) 5

General Education Total 61

*At least one course must be chosen from list courses marked with asterisks.

Major
CHRM 302 Christian Leadership 3
CHRM 460 Church Administration 3
CHRM 499 Senior Paper 3
CHRM Concentration* 21

Major Total 30

*Students need to choose one of the concentrations and corresponding cognate listed here.

Educational Ministries Concentration (EDMC)
The educational ministries concentration is designed to prepare students for leadership and serv-

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

Concentration
CHRM 303 Curriculum Development 3
CHRM 304 Introduction to Christian Education 3
CHRM 305 Teaching the Bible 3
CHRM 398 Ministry Practicum 3
CHRM 456 Children's Ministry
CHRM 317 Introduction to Youth Ministry
Choice of one of the following courses:
MISS Elective
CHRM Elective
Choice of two of the following courses:
CHRM 335 Introduction to Evangelism 3

Concentration Total 21

Cognate
BIB 306 Hermeneutics 3
BIB Old Testament elective 3
BIB New Testament elective 3
CHRM 399 Signs and Wonders 3
THE 217 Research Seminar 3
THE 299 Introduction to Theology 3
Cognate Total 18

Church Administration Concentration (CHAC)
This concentration is designed to educate and equip students to become church administrators. Students are trained in church administration, including organization, programming, aspects of leadership, and the relationship of the church to the denomination and society. They learn skills in the administration of non-profit organizations, principles of management and organizational behavior. Students also acquire skills in preaching and teaching the Bible. This major emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of pastoral ministry.

Concentration
CHRM 398 Ministry Practicum 3
MGT 130 Principles of Management 3
MGT 352 Organizational Behavior 3
MGT 465 Administration of Non-Profit Organizations 3
Choice of one of the following two courses:
CHRM 305 Teaching the Bible 3
CHRM 340 Sermon Preparation and Preaching 6
Choice of two of the following courses:
CHRM Elective 6
MISS Elective 3
THE 401 Ethics 3
Concentration Total 21

Cognate
BIB 306 Hermeneutics 3
BIB Old Testament elective 3
BIB New Testament elective 3
THE 217 Research Seminar 3
THE 299 Introduction to Theology 3
CHRM 399 Signs and Wonders 3
Cognate Total 18

Evangelism and Outreach Concentration (EVOC)
This concentration is designed to prepare students for leadership and service in the professional capacity of itinerant evangelist or staff evangelist. It emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of evangelism.

Concentration
CHRM 335 Introduction to Evangelism 3
CHRM 398 Ministry Practicum 3
CHRM 430 Local Church Outreach 3

MISS 404 Church Growth and Planting 3
Choice of two of the following courses:
CHRM Elective 3
MISS Elective 3
THE 401 Ethics 3
Choice of one of the following courses:
CHRM 305 Teaching the Bible 3
CHRM 340 Sermon Preparation and Preaching 3

Concentration Total 21

Cognate
BIB 306 Hermeneutics 3
BIB Old Testament elective 3
BIB New Testament elective 3
CHRM 399 Signs and Wonders 3
THE 217 Research Seminar 3
THE 299 Introduction to Theology 3

Cognate Total 18

Pastoral Christian Ministries Major (PCMN)
Bachelor of Arts

This major prepares students for a wide variety of leadership roles within local church and para-church ministries as either paid or volunteer staff ministers. Each concentration within the major better equips the student for his or her calling: (1) local church pastor, (2) missions, (3) pastoral care, and (4) youth ministry.

General Education Credit Hours
Whole Person Assessment (GEN 099) 0
English (COMP 102, 303) 6
Foreign Language (2 semesters including 203) 6
Oral Communication (COM 101) 3
Bible (BIB 222, 201) 6
Theology (THE 103) 3
Laboratory Science 8
Mathematics 3
American History (HIS 101) 3
American Government (GOV 101) 3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 255, 260, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) 12
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 101, SOC 201, BUS 201, FIN 244, SOC 323, SWK 202, MUS 208) 3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives) 5

General Education Total 61

*At least one course must be chosen from list courses marked with asterisks.

Cognate
BIB 306 Hermeneutics 3
BIB Old Testament elective 3

Mission Concentration (MISC)
The missions concentration is designed to educate and prepare students to fulfill Jesus' commission to reach all nations with the witness of God's saving love. It is designed for students preparing for a variety of roles as domestic or foreign missionaries or para-church workers in both long-term and short-term cross-cultural ministry. It is also arranged to educate students for duties as mission directors or supervisors. It emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of missions.

Concentration
MISS 300 History of Missions 3
MISS 350 Missions and Culture 3
MISS 325 Introduction to Christian Missions 3
MISS 333 Theology of Missions 3
MISS 397 Missions Internship 3
THE 303 Major Religions of the World 3
CHRM 399 Signs and Wonders 3
CHRM/MISS Electives 6

Concentration Total 27

Cognate
BIB 306 Hermeneutics 3

Local Church Pastor Concentration (LCPC)
The local church pastor concentration is designed to educate and equip students to prepare God's people for a life of leadership that would reach their neighbors with the gospel of Jesus Christ. It prepares students for a variety of roles as church ministers, such as paid or volunteer staff ministers to youth, children, and pastoral care. This concentration emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of pastoral ministry.

Concentration
CHRM 340 Sermon Preparation and Preaching 3
CHRM 399 Signs and Wonders 3

Concentration Total 27

*Students need to choose one of the concentrations and corresponding cognate listed here.
Pastoral Care Concentration (PACC)
The pastoral care concentration is designed to educate and equip students with the philosophy, methods, and resources suitable for professional or lay ministry, equipping students for application of knowledge and skills to a broad range of pastoral settings. Students gain an understanding of the foundational approaches to pastoral care and an assessment of each approach’s suitability and adaptability for use in Christian ministry. Training is provided in the basic skills necessary for lay counseling and pastoral care. It emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of pastoral ministry.

Concentration
CHRM 203 Foundational Approaches to Pastoral Care 3
CHRM 305 Teaching the Bible 3
CHRM 306 Pastoral Ministry Skills 3
CHRM 313 Prayer Ministry of the Caregiver 3
CHRM 314 Spiritual Formation in Pastoral Care I 3
CHRM 398 Ministry Practicum 3
CHRM 422 Spiritual Formation in Pastoral Care II 3
Choice of two of the following courses: 6
CHRM 307 Urban and Outreach Ministries 3
CHRM 310 Youth Culture and Faith Development 3
CHRM 388 Prayer-Based Ministry in the 21st Century 3
CHRM 402 Discipleship and Small Groups 3
THE 473 Theology and Philosophy in Modern Culture 3
SOC 201 Marriage and the Family 3
SOC 420 Minority Group Relations 3

Concentration Total 27

Cognate
BIB 306 Hermeneutics 3
BIB 317 Introduction to Theology 3
CHRM 399 Signs and Wonders 3
THE 217 Research Seminar 3
THE 299 Introduction to Theology 3

Cognate Total 18

Degree Total 128

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

Theological-Historical Studies Major (THST)
Bachelor of Arts

The Theological-Historical Studies Major enables the student to integrate the various doctrines of the Christian faith into a consistent whole, providing the foundation for pursuing a ministerial or academic calling. Students choose between two concentrations: the theology and church history concentration and the Christian philosophy concentration. Biblical courses are required in the cognates to enable students to demonstrate responsible Biblical interpretation within a theological-historical framework.

General Education  Credit Hours
Whole Person Assessment (GEN 099) 0
English (COMP 102, 30) 6
Foreign Language (2 semesters including 203) 6
Oral Communication (COM 101) 3
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 333*, 250, 256, 270, ART 103, ART 104, MUS 300, DRAM 215, COMP 101) 12

Bible (BIB 222, 261) 6
Theology (THE 103) 3
Laboratory Science 3
Mathematics 3
American History (HIS 101) 3
American Government (GOV 101) 3
Social Sciences Elective (Choice of one of the following: PSY 201, FIN 244, SOC 101, SOC 201, BUS 201, SOC 323, SWK 202, MUS 208, Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives) 5

General Education Total 61

*At least one course must be chosen from list courses marked with asterisks.

Christian Philosophy Concentration (PCLC)
The Christian philosophy concentration provides the student with the history, analysis, and evaluation of the various philosophers and philosophers—ancient, Medieval, modern, and contemporary—that most affect Christian life and thought. Students become aware of and conversant with the many streams of philosophical thought that people of the world have adopted, and they learn to develop sufficient Christian responses to each one. Christianity is a historic faith, based on the revelation of God, human history, and the carefully reasoned theology of the great Christian thinkers of the Church. Christians are kept from conforming to the world by the renewing of their minds and please God by the confession and use of their faith (Romans 12:2, Hebrew 11:6).

Concentration
THE 302 Introduction to Philosophy 3
THE 401 Christian Ethics 3
THE 470 Philosophy of Religion 3
THE 473 Theology and Philosophy 3
Choice of three of the following courses: 9
THE  Elective* 3
THE Elective 3
COM 309 Argument and Persuasion 3
HONR 102 Philosophy of Science 3

Concentration Total 21

Cognate
THE 217 Research Seminar 3
BIB 306 Hermeneutics 3
BIB 317 Introduction to Theology 3
BIB New Testament elective 3

Cognate Total 18

Minor and/or Electives* 19

Total 148
ENGLISH BIBLE MINOR (EBM)

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

BIB 306* Hermeneutics 3
BIB Electives** 15

Minor Total 18

*If BIB 306 is taken as part of the student’s major, then it must be replaced by a New Testament elective for the minor.

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

Note: If a student takes Biblical Greek or Hebrew to fulfill the BIB electives, both semesters of elementary Greek or Hebrew must be taken in order to count toward the minor.

OLD TESTAMENT MINOR (OTM)

This minor is designed for students who are not Biblical literature majors. However, students pursuing a major within the Theology Department and wanting to minor in Old Testament need to have their programs approved by the department. Requirements for the Old Testament minor vary according to the major; however, the following courses must be included in either the major or in the Old Testament minor.

BIB 306* Hermeneutics 3
BIB 311 Biblical Hebrew I 3
BIB 312 Biblical Hebrew II 3
BIB 319 Hebrew Exegesis 3
BIB Electives in Old Testament 6

Minor Total 18

*If BIB 306 is taken as part of the student’s major, then it must be replaced by an Old Testament elective for the minor.

NEW TESTAMENT MINOR (NTM)

This minor is designed for students who are not Biblical literature majors. However, students pursuing a major within the Theology Department and wanting to minor in New Testament need to have their programs approved by the department. Requirements for the New Testament minor vary according to the major; however, the following courses must be included in either the major or in the New Testament minor.

BIB 251 Biblical Greek I 3
BIB 252 Biblical Greek II 3

BIB 306* Hermeneutics 3
BIB 351 Greek Exegesis I 3
BIB Electives in New Testament 6

Minor Total 18

*If BIB 306 is taken as part of the student’s major, then it must be replaced by a New Testament elective for the minor.

BIBLICAL LANGUAGES MINOR (BLM)

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 311 Biblical Hebrew I 3

Choice of one of the following two courses:

BIB 252 Biblical Greek II 3
BIB 312 Biblical Hebrew II 3

Choice of one of the following two courses:

THE 313 Systematic Theology I 3
THE 461 History of Christianity I: Early Church

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 251 Biblical Greek I 3
BIB 306 Hermeneutics 3

Choice of one of the following two courses:

BIB 252 Biblical Greek II 3
BIB 311 Biblical Hebrew I 3

Choice of one of the following two courses:

BIB 306* Hermeneutics 3

Minor Total 18

EDUCATIONAL MINISTRIES MINOR (EDMM)

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.

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:

CHRM 302 Christian Leadership 3
CHRM 306 Pastoral Ministry Skills 3
CHRM 314 Spiritual Formation in Pastoral Care I 3

Minor Total 18

*If BIB 306 is taken as part of the student’s major, then it must be replaced by a New Testament elective for the minor.

CHURCH ADMINISTRATION MINOR (CHAM)

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.

CHRM 302 Christian Leadership 3
CHRM 460 Church Administration 3
MGT 130 Principles of Management 3
MGT 465 Administration of Nonprofit Organizations

Choice of two of the following courses:

MGT 352 Organizational Behavior
COM 300 Organizational Communication
CHRM 307 Urban and Outreach Ministries
CHRM 398 Ministry Practicum

Minor Total 18

EVANGELISM AND OUTREACH MINOR (EVOM)

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.

CHRM 335 Introduction to Evangelism 3
CHRM 430 Local Church Outreach 3

Choice of three of the following courses:

BIB 306* Hermeneutics 3
CHRM 307 Urban and Outreach Ministries
CHRM 317 Introduction to Youth Ministry
CHRM 398 Ministry Practicum
CHRM 402 Discipleship and Small Groups
CHRM 431 Media and Technology in Ministry
CHRM 440 Advanced Preaching
MISS 404 Church Growth and Planting
THE 304 Contemporary Religions of America

Choice of one of the following courses:

CHRM 305 Teaching the Bible 3
CHRM 340 Sermon Preparation/Preaching

Minor Total 18

MISSIONS MINOR (MM)

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.

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 3
MISS 333 Theology of Missions 3
MISS 397 Missions Internship 3
MISS 404 Church Growth and Planting
CHRM 307 Urban and Outreach Ministries
CHRM 402 Discipleship and Small Groups

Minor Total 18

*If BIB 306 is taken as part of the student’s major, then it must be replaced by a New Testament elective for the minor.

PASTORAL CARE MINOR (PACM)

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 306 Hermeneutics 3
CHRM 203 Foundational Approaches to Pastoral Care 3
CHRM 305 Teaching the Bible 3
CHRM 314 Spiritual Formation in Pastoral Care I 3
CHRM 422 Spiritual Formation Pastoral Care II 3

Minor Total 18

*If BIB 306 is taken as part of the student’s major, then it must be replaced by a New Testament elective for the minor.

Cognate Total 18
Minor and/or Electives* 19
Degree Total 128

*One to two hours of electives may be met by a direct study or by one of the five credit hours from the 102 level of the foreign language requirement.
Choice of one of the following: 3
CHRM 313 Prayer Ministry of the Caregiver
CHRM 315 Pastoral Care

Minor Total 18

YOUTH MINISTRY MINOR (YMM)
CHRM 305 Teaching the Bible 3
CHRM 310 Youth Culture 3
CHRM 317 Introduction to Youth Ministry 3
CHRM 453 Pastoral Care of Families with Youth 3
Choice of two of the following courses: 6
CHRM 307 Urban and Outreach Ministries
CHRM 316 Outdoor Adventure and Camping in Youth Ministry
CHRM 335 Introduction to Evangelism
CHRM 402 Discipleship and Small Groups
CHRM 431 Media and Technology in Ministry
MISS 325 Introduction to Christian Missions

Minor Total 18

CHRISTIAN PHILOSOPHY MINOR (CPLM)
THE 302 Introduction to Philosophy 3
THE 401 Christian Ethics 3
THE 470 Philosophy of Religion 3
CHRM 453 Pastoral Care of Families with Youth 3
Choice of three of the following courses: 9
HONR 103 Philosophy of Science
THE 473 Theology and Philosophy in Modern Culture
THE Elective

Minor Total 18

Departmental Courses
(Undergraduate)
Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

BIBlical Studies
BIB 222 Old Testament Introduction
BIB 251 Biblical Greek I
BIB 252 Biblical Greek II
BIB 261 New Testament Introduction
BIB 302 Historical Geography of the Holy Land
BIB 306 Hermeneutics: Principles of Biblical Interpretation
BIB 311 Biblical Hebrew I
BIB 312 Biblical Hebrew II
BIB 319 Hebrew Exegesis
BIB 332 Old Testament Historical Books
BIB 351 Greek Exegesis I
BIB 352 Greek Exegesis II
BIB 362 Jesus and the Gospels
BIB 363 Eschatology and the Book of Revelation
BIB 364 The Pauline Epistles
BIB 372 Johannine Literature
BIB 376 Hebrews and General Epistles
BIB 421 Pentateuch
BIB 424 Hebrew Prophets
BIB 437 Psalms and Wisdom Literature
BIB 438 Interntestamental Literature
BIB 455 Intensive Studies
BIB 457 Honors Assistant Practicum
BIB 499 Senior Paper
BIB 999 Elective

Minor Total 18

Church History/ Systematic Theology Minor (CHSM)
THE 313 Systematic Theology I 3
THE 314 Systematic Theology II 3
THE 461 History of Christianity I: Early Church 3
THE 462 History of Christianity II: Medieval Church 3
THE 463 History of Christianity III: Reformation to Present 3
THE Elective 3

Minor Total 18

GRADUATE THEOLOGY—SEMINARY
MISSION STATEMENT: Oral Roberts University Graduate School of Theology and Missions (Seminary) provides graduate professional theological education for the equipping and training of men and women empowered by the Holy Spirit for the effective leadership in the Christian church, ministries, and society.

Overview
ORU College of Theology and Missions Seminary provides sound academic, theological, and Biblical education with a distinctive charismatic dimension. Students are trained to be academically competent and to place that competency at the disposal of the Holy Spirit as a tool for ministry, in order to bring revival, transformation, and healing. To equip students fully, the Seminary requires training in prayer, divine healing, and signs and wonders, while providing a challenging academic foundation. In the classroom, professors provide Biblical understanding, theological insight, and ministry preparedness in an atmosphere of caring accountability.

Statement of Purpose
The ORU College of Theology and Missions Seminary seeks to prepare students for competent and Spirit-led Christian ministry. The Seminary is called to develop men and women who know the Bible, who have a deep compassion for people, and who, through the empowerment of the Holy Spirit, can revitalize the church, evangelize the world, and heal the nations. Professional, theological education at this Seminary integrates Biblical and theological training with practical skills. This integration takes place in a charismatic/Pentecostal ethos where the gifts of the Spirit are manifested and spiritual formation is nurtured. The Seminary seeks to develop leaders who can communicate the message of the Gospel to those in need of a Savior and God’s healing power to the world’s suffering.
As a multi-denominational Seminary, the ORU College of Theology and Missions seeks to prepare students for Christian ministry within a broad spectrum of traditions, churches, and cultures. Although intentionally evangelical, it is important to embrace a diversity of theological understandings. This enables students to effectively relate to their unique spheres of influence. The College of Theology and Missions’ philosophy seeks to introduce students to the ongoing ecumenical dialogue concerning the nature of the Church and to broaden students’ awareness of the larger Body of Christ.

The College of Theology and Missions exists to prepare men and women for ministry who know the Bible, who have a deep compassion for people, and who, through personal charismatic experiences, can interpret Biblical truth to the Church and society in light of the present-day movement of the Holy Spirit. In other words, it is important to teach, to inform, and to place knowledge as a tool for ministry at the disposal of the Holy Spirit for relevant application.

Importantly, the College of Theology and Missions trains Christian leaders to carry God’s healing power and seed-faith lifestyle to the world’s suffering and lost, whether in America’s darkened ghettos and affluent suburbs or in developing countries.

The goal of the seminary for its graduates is to carry this vital message of redemption, holiness, and healing to those places “where God’s light is dim, where His voice is heard small, where His healing power is not known.”

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

The College of Theology and Missions at Oral Roberts University is firmly grounded in a concept of abundant life and a charismatic concern for the healing of the totality of human need.

The comprehensive, integrated curriculum is designed to balance Bible knowledge and practical, professional ministry skills that will lead to more effective evangelism and healing for body, mind, and spirit. Students are challenged to seek wholeness in their personal lives so they can help those whom they contact to develop wholeness as a way of life.

The following statement by Chancellor Oral Roberts answers “Why a School of Theology and Missions at Oral Roberts University?” and explains his vision for those who graduate from the master of arts, the master of divinity, and the doctor of ministry programs.

“Two things are essential to a vibrant, fruitful ministry of the Gospel. One, Christian leaders must know the Bible; they must really know the life of Jesus and what the Bible says. And second, Christian leaders must have a deep compassion for people.

“As I travel this great country of ours and receive mail from around the world, I feel these voids in Christian leadership. I see a deep hunger in people to know God better. People are searching for someone to explain to them how to live abundantly. They are also aching for love. They long for someone to touch them, to care, to share their deep concerns, and to help them find needs. These are the very reasons we have a Graduate School of Theology and Missions at ORU to train students to know the Bible and to care for people.

“ORU has a baccalaureate theology program, two masters programs, and a doctoral program. The master of arts program offers specializations in several different areas of ministry. The academic specializations immerse students in the Word and its teachings and enable students to train others. The professional specializations equip students for ministry in Christian counseling, Christian education, practical theology or missions.

“The master of divinity program is the basic professional program for ministry and is especially designed for persons who plan to become pastors, evangelists, youth workers, chaplains, missionaries, or enter other areas of Christian leadership. These graduate students receive a solid grounding in the Bible. They also receive practical and professional training in how to be effective church leaders, how to administer church programs, how to preach, how to counsel, and how to lead evangelism programs. Throughout their three years of study, master of divinity students are involved in special projects that place them in the church and community. They become involved with people in need from various backgrounds: the elderly, juvenile delinquents, the poor, the disabled, the imprisoned, and the ghetto children. They give their time and talents; they go into areas where people hurt and touch them with their love.

“The doctor of ministry program enables persons already in full-time ministry to deepen their knowledge of the Word and update their skills while learning from both professors and peers. These ministerial leaders are involved daily in sharing the Word and meeting the needs of others.

“As the students of these graduate programs open their lives to God and give to other people, I believe a miracle will take place. I believe the Holy Spirit will become as real to them as the air they breathe. They will find themselves instruments in God’s hands. A strong, invisible triangle will be formed between God, the ORU student, and the person in need—a relationship that can last for all eternity.

“Let me tell you what I expect from our graduate theology students. I expect our students to be open to the working of the Holy Spirit in their lives and in the lives of others. Through the Holy Spirit, they will find new strength and authority to minister.

“I expect excellence from our students. We have a motto at ORU that says “excellence is a way of life.” We believe in giving God our best and then expecting His best for our lives. Our students have the finest professors and facilities, and we expect our students to devote their finest efforts to their studies.

“I expect their witness to extend to all aspects of life. When Jesus healed people, He often used these words: “Be made whole.” To Christ, wholeness was more than spiritual cleansing. Wholeness meant harmony of spirit, mind, and body. It meant a unity in the inner man and vibrant living in all areas of life.

“At ORU we attempt to integrate the entire person. We call it the whole-man concept. This concept formed the basis for the founding of ORU, and our purpose is to train men and women whose lives reflect this. Our theology students work at physical fitness and mental growth in the same way they work to develop their spiritual potential. I expect our students to go into every facet of life and to share Christ wherever His light is dim, wherever His voice is heard small. I expect them to go to all the nations and to minister to people of all races.

“Full-time graduate and professional students attend chapel together, study together in the same library, and share some classes. This common experience 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 to love all who may be weak and unloved.

“The ORU School of Theology and Missions opened in 1975, enriched by ORU’s fine baccalaureate theological program, which is one of the largest and strongest departments on campus. The Seminary is housed in the Marajen Chinigo Graduate Center, which is a 448,000-square-foot addition to the John D. Messick Learning Resources Center. I believe it is the finest building of its kind.

“We live in a state of expectancy at ORU. We believe in miracles. We work diligently. We are proud to be a free enterprise people. We have faith in God and a spirit of unity. ORU is a family—a family of students, faculty, staff members, and partners around the world. We are unashamedly Christian. We believe in the mighty power of the Holy Spirit. We live to minister.

“Why a graduate School of Theology and Missions? Because God wants people to be whole, and we want what God wants—healing for the totality of human need.”

—Oral Roberts

### DEGREE PROGRAMS

The School of Theology and Missions offers the following graduate-level degree programs:

#### Master of Divinity (M.Div.)

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

#### Master of Arts (M.A.)

The master of arts degree offers both academic and professional programs.

- Biblical Literature (Academic)
- Advanced Languages concentration
- Judaic-Christian Studies concentration
- Theological and Historical Studies (Academic)
- Christian Counseling (Professional)
- Marital and Family Therapy concentration
- Christian Education (Professional)
- Missions (Professional)
- Practical Theology (Professional)
These programs prepare students for specialized ministries within the local church, educational institutions, and parachurch or community organizations. The master of arts degree is well suited as foundational study for Ph.D./Ed.D. degree programs.

**Doctor of Ministry (D.Min.)**
The doctor of ministry degree provides advanced professional training for practical ministry. The program is designed for professionals with an earned master of divinity degree in full-time ministry. It develops ministerial skills and enables ministers to grow in understanding and interpretation of the Church’s ministry.

**Joint Degree Program**
A joint degree program allows students to gain an area of expertise for future ministry. Students may enroll in two masters degrees simultaneously. With proper planning and advisement, they may fulfill the requirements for both degrees with significantly less time than it would take otherwise. The section titled Dual Degrees in the Academic Information section of this catalog has more information.

**Modular Option**
In today’s highly mobile and fast-paced society, it can be difficult to earn a residence degree at the graduate level. This is especially true for potential students who are already in full or part-time employment and who live far from campus. Thus, fully accredited modular masters of divinity (M. Div.) and master of practical theology (MPT) programs are especially designed for individuals who desire to continue their education but cannot relocate to Tulsa.

The M.Div. modular degree is 88.5 credit hours, and the MPT degree is 58 credit hours. Courses for both degrees are offered through on-campus, week long modules and via the Internet.

Intensive one-week modules (on-campus courses) offered throughout the year enable students to integrate classes into their personal calendars. These modular sessions are held Monday-Friday from 8:30 to 5:30 p.m. daily, usually the second or third week of the month. Students choose which modules they will be able to attend. The on-campus courses are offered on a two-year rotation. Students who are not able to take a particular course in a particular month will have an opportunity to take that course again within two years.

Students in the modular program set their own pace but are encouraged to enroll in as many courses (both on-campus and distance education) as they can realistically incorporate into their schedules each semester.

**Admission Information**

**Admission Requirements**
Admission requirements for the master’s degree programs vary to some extent; however, applicants to any of the master’s programs need to submit the following items to the Admissions Committee for review and consideration:

- Proof of a baccalaureate degree from a regionally accredited college or university or college recognized by the Association of Biblical Higher Education.
- Official transcripts of all undergraduate and graduate studies attended
- Score from Miller Analogies Test (MAT) of at least 396 or from the Graduate Record Examination (GRE) of at least 500. Scores must be from within the past 5 years.
- Score from the International English Language Testing System (IELTS) of at least 7.0 or from the Test of English as a Foreign Language (TOEFL). TOEFL scores must be at least 550 (paper-based), 213 (computer-based), or 78-80 (internet-based). (For non-native English speakers only).
- Proof of acceptable grade point average (3.0 for M.A. academic programs; 2.5 for M.Div. and M.A. professional programs)
- Two academic recommendations
- A ministerial recommendation
- A personal sketch

The Admissions Committee may require applicants to submit additional information for evaluation. Applicants to the M.Div. degree may need to submit a personal interview, psychological test results, a spouse’s endorsement, and/or a statement of status at another educational institution. A professional recommendation may be requested if the student has been out of school more than 5 years.

The Admissions Committee may also require applicants to take prerequisite/leveling courses. (Prerequisite/leveling courses are courses at the undergraduate level that help prepare students for courses in the graduate degrees.) Applicants to the master of arts professional degree programs (Christian counseling, Christian education, missions, practical theology) may also need to provide a personal interview, psychological test results, a spouse’s endorsement, or a statement of status at another educational institution.

**Changing Programs**
Students are admitted to the Seminary by acceptance into a particular degree program and concentration and must pursue studies in that program. Students may change programs only if formally accepted into another program. Acceptance into one program does not guarantee admission into another.

When the program change becomes effective, the student is subject to the requirements of the current catalog at the time of matriculation into the new program.

**Readmission Requirements**
Students who have not maintained continuous enrollment and who desire to continue their studies must apply for readmission through the Seminary Admissions Office. Students readmitted to the Seminary are subject to the requirements of the current catalog at the time of readmission. The Admissions Committee may request additional information. If students have attended other institutions, they must supply official transcripts.

**Enrollment and Retention**

**Students enrolled in the School of Theology and Missions are expected to maintain an appropriate grade point average for the program in which they are enrolled. Students in the master of divinity and the professional master of arts programs are to maintain 2.5 grade point averages. Students in the academic master of arts program are to maintain 3.0 GPAs. Students failing to achieve the minimum grade point average in their programs during any semester are automatically placed on probation. In the doctoral program no course grade less than a “B” is accepted. Two “C” course grades result in suspension from the doctoral program.

Students entering the Seminary on probation must achieve removal from probation status within one academic year of matriculation. If a student is placed on probation in the course of the degree, one academic year is allowed to restore the GPA to the appropriate level. Normally, 12 semester hours of coursework earned in one semester with the appropriate grade point average is sufficient to remove one from probation. Students do not receive financial aid in the form of institutional funds during any semester on probation.

Students who fail to achieve a sufficient grade point average while they are on probation within the specified time are suspended from the School of Theology and Missions.

**Course Information**

**Numbering and Sequence**
Courses offered in all areas of the Seminary curriculum are appropriate for graduate level students in the School of Theology and Missions. In general, 500- and 600-level courses are designed for the masters degrees, and 700-level courses are for the doctoral degree. The 500-level courses are frequently considered necessary before students can enroll in advanced-level courses represented by the 600 and 700 numbers.

Students may also be required to take prerequisite/leveling courses in addition to courses required for the graduate degree. Prerequisite/leveling courses need to be taken during the student’s first semester as a graduate student, and the hours earned from leveling courses are in addition to the hours required for the graduate degree.

**Course Load**
The full-time course load for master’s-level students in the School of Theology and Missions is 9 hours.

The full-time load for doctoral students in the School of Theology and Missions is 6 hours per semester while enrolled in the coursework phase of the program. One hour per semester is considered full-time when enrolled in the project phase.

**Courses by Special Arrangement**
With the permission of the faculty advisor, the associate dean, and the instructor of a particular course listed in the catalog, students in special circumstances may complete that course by special arrangement. The objectives of the course, as defined in the current syllabus on file in the office of the dean, must be met. Special assignments, tests, and conferences may be required to satisfy the instructor and coordinator of the area concerned that the objectives have been achieved. A course of study that involves extensive work while the student is absent from the campus may be pursued only upon the approval of a petition presented to the associate dean.

**Credit by Examination, Transfer of Credit, and Advanced Standing**

Students entering the Seminary with advanced knowledge in a particular area of the curriculum may receive credit for courses to which the advanced knowledge relates by passing a comprehensive examination with a score of 80% or above. Such examinations must be taken during the first semester of residency.

The School of Theology and Missions follows the Association of Theological Schools (ATS) guidelines regarding credit transfer and advanced standing.

- ATS requires that the transfer courses be graduate
level courses from an institution accredited by ATS or a recognized accrediting body.

- ATS allows seminaries and graduate schools to admit students with advanced standing with credit by reducing the number of hours required for the degree. The courses selected for advanced standing must be comparable to the School of Theology and Missions graduate courses, and the amount of credit is limited. Students with ORU undergraduate majors in Old or New Testament or in Theological and Historical Studies and who are eligible to apply for the M.A. academic track could receive up to 15 hours of advanced standing for undergraduate courses with a "B" or better.

Audit Privilege

Students in the School of Theology and Missions may—with the approval of the instructors, their faculty advisors, and the associate dean—audit, without academic credit, courses offered by the Seminary. The audit privilege allows students to attend courses for personal enrichment without fulfilling the academic requirements. Required courses in any degree program may not be audited. Regular class attendance, as outlined in the course syllabus, is required to maintain an audit on transcript. If students do not meet the audit requirements for a course, a "no pass" is recorded on the transcripts.

Students auditing a class may request the option of receiving a grade if they indicate this intention at the time of registration. Students must complete all course requirements according to the calendar of the course syllabus and submit a petition to the office of the associate dean to obtain credit for the course. The petition must be submitted and approved and tuition paid within one semester following enrollment in the course. Tuition must be paid at the time of the audit change request.

A full-time Seminary student may audit one course in the Seminary curriculum per semester at no charge. Students enrolled in a full-time course load are charged a fee for auditing an additional course. Students enrolled as part-time pay one-half tuition to audit a class.

ORU Distinctive Courses

The School of Theology and Missions has established specific courses in health fitness and Holy Spirit/Signs and Wonders that seek to fulfill the university's mission. These courses are unique to ORU and are called ORU distinctive courses. These are required as part of the Seminary programs.

Health Fitness

The School of Theology and Missions' faculty and students participate in a full range of fitness opportunities. The core of the health and physical education program is the aerobics emphasis. New students at the Seminary enroll in a one-semester, one-credit course titled Graduate Health Fitness. In this course, students are instructed on the body, its anatomy and physiology, and the role of exercise, diet, weight control, and stress management in good health. Students must submit the results of a medical examination. An exercise program is prescribed. Requirements are adjusted according to gender and age, and special programs are available for students who cannot meet the requirements.

In the semesters following the completion of Graduate Health Fitness, students may elect GHPE

515 Graduate Aerobics, GHPE 525 Graduate Walk for Fitness, or other activity courses. Students in the master of arts program need to take a total of three health fitness/activities courses, and students in the master of divinity program need to take a total of four courses. Graduate students are required to earn a grade of "C" or better in all HPE courses.

Holy Spirit/Signs and Wonders

During their first semesters of residency, students enrolled in a master's-level degree program are required to take the graduate courses GTHE 507 The Holy Spirit in the New and GTHE 508 Signs and Wonders and the Healing Ministry. GTHE 507 deals with part of the basic theological beliefs and lifestyle unique to Oral Roberts University. Both of these courses include practical, contemporary demonstrations of Biblical concepts from the life of Jesus and the Book of Acts. The faculty of the ORU School of Theology and Missions firmly believes that the power and authority entrusted to the Early Church, as described in the Book of Acts, is still available to believers today. The miraculous power of Christ is to operate “in the now.”

The theological faculty encourages all students to enroll in at least one additional course dealing with this vital area of ministry, such as GTHE 663 Charismatic Theology, GTHE 694 The Pentecostal/Charismatic Movements in Historical Perspective, GTHE 696 Divine Healing: A Theological and Historical Study, and GTHE 692 Pneumatology.

Theological Research Proficiency

All students entering any master's-level degree program are expected to have a comprehensive knowledge of English grammar and composition, the ability to do theological research, and a basic biblical biographical. Students passing the Theological Research Proficiency examination during first-semester orientation with a minimum score of 70 percent fulfill the requirement. Others are required to enroll in GTHE 517 Seminar in Theological Research Methods. Passing this course constitutes satisfying this proficiency requirement, which must be satisfied before students are allowed to enroll for graduate credit beyond 24 semester hours (not including prerequisite coursework). Taking PRM 784 Counseling Research meets this requirement for students in the M.A. counseling programs.

Evaluation Grading

Grades are recorded as "A," "B," "C," "D," or "F." Grade points are assigned to each grade: four grade points are allowed for each semester hour of "A"; three for "B"; two for "C"; and one for "D." In the School of Theology and Missions, only graduate hours for which grades of "A," "B," or "C" are earned count toward the completion of the degree. Grade-point averages appropriate to each program are to be maintained. Courses in which a grade of "D" or "F" are earned are reported on the transcript and are included in determining the grade point average.

The grade of "I" (incomplete) is allowed for work that is incomplete at the time grades are given. It is allowed only after the student establishes with the instructor and the associate dean, by petition, that work is incomplete for good cause. Incompletes are granted only for extenuating circumstances, normally prolonged illness that is verified by medical documentation or death in the family. Petitions for an incomplete grade must be granted before the last day of regular classes. It is the responsibility of the student to make up any incomplete work and have the professor submit a grade change to the dean. If this is not done in the subsequent semester, the incomplete is changed to an "F."

Other marks used in grade reporting are "WP" (withdraw/passing), and "WF" (withdraw/failing), and "WM" (withdraw/military). When a course is dropped after two weeks, a "WP" is recorded if the student is passing at the time of the drop. If the student is not passing, a "WF" is recorded. Any student who withdraws from a class after the eighth week receives a "WF." The "WF" is counted as an "F" in determining the grade point average.

Assessment

Professional and personal assessment is an integral part of the total educational program of the ORU School of Theology and Missions. Assessment draws together the varied influences, experiences, and learning of the students in situations that are intentionally evaluative and advisory. It also helps students to become familiar with degree program goals and outcomes and to understand how they contribute to the achievement of the purpose statement for the Seminary. The basic components for assessment are professional skills, specialized knowledge, and personal/spiritual development. The basic purpose is to determine student competencies in relationship to degree program goals. Identified program goals contribute to the overall University mission to prepare professionally competent servant-leaders who are spiritually alive, intellectually alert, physically disciplined, and socially adept.

The electronic portfolio (ePortfolio) is the primary tool for recording and assessing student achievement of program outcomes. As an assessment tool, the ePortfolio helps students to become familiar with the degree program goals and outcomes and to understand how they contribute to the achievement of the purpose statement of the Seminary. Throughout their academic programs, students maintain an electronic record of progress in achieving degree program outcomes. Various artifacts are designed to demonstrate the extent to which program goals are being achieved. Students upload artifacts (e.g., student research and essays) to ePortfolio during each semester of enrollment, and information relative to required artifacts is included in course syllabi. Records related to assessment are maintained by the school for aggregation of data and initiation of university assessment reports. Students must satisfactorily meet all requirements of assessment to graduate.

The assessment process includes a 0.5 credit hour course during both the first and final semesters of enrollment. An advisor-advisee degree program audit (PRF 057 Mid-Program Assessment) occurs when the student has completed one-half of the degree program. Enrollment in PRF 059 Whole Person Assessment, a corequisite of entry-level assessment, is also required to provide an electronic system (ePortfolio) for storing and assessing artifacts. The assessment office offers orientation and training to all students to assist them in understanding and fulfilling assessment requirements. An overview of the assessment program is given to all students at orientation, and specific requirements are explained in special sessions each semester, and at group advisement meetings. Information on the assessment process is also available online on the School of Theology and Missions class pages.
PRF 056 Entry-Level Assessment
All entering students enroll in PRF 056 Entry-Level Assessment. This level involves student participation in a peer group experience called Koinonia, where they reflect on their identity and calling, and at the culmination of the Koinonia group experience, write a self-reflection paper. Students also take the Myers Briggs Type Inventory (MBTI) upon entering ORU and after receiving training by a certified MBTI administrator to understand the interpretive report, the students write a paper analyzing their particular type and its impact on their ministry and leadership style.

A structured interview with academic advisors occurs as part of the entry-level assessment. The topics considered in Koinonia and the MBTI interpretative report are discussed in relationship to vocational plans. Advisors are assigned during entry-level assessment according to each student's degree program and remain the student's advisor through graduation.

Students also enroll in PRF 059 Whole Person Assessment, a corequisite of PRF 056 Entry-Level Assessment, for the purpose of recording their academic progress by uploading relevant documents ("artifacts") to ePortfolio. (A fee is attached to establish an ePortfolio account.) Artifacts are published, stored, and assessed online each semester of enrollment. Various artifacts have been designated to demonstrate the extent to which program goals are being achieved. Information relative to required artifacts is included in course syllabi. Training on how to use the electronic system occurs during the first semester. Based on the student's degree program, artifacts other than the reflection paper and MBTI response paper may be required.

PRF 057 Mid-Program Assessment Audit
PRF 057 Mid-Program Assessment Audit provides opportunities for students to discuss degree program progress with their advisors based on their degree programs. Students enroll for PRF 057 the semester following the completion of one-half of their course requirements or during the semester prior to enrollment in PRF 058 Candidacy-Level Assessment—whichever occurs first. During the mid-program audit, students discuss with their advisors how their personal calling has become more defined and reflect on their achievement of degree program goals. Students review their progress in achieving the personal and professional goals identified in PRF 056 Entry-Level Assessment.

The student provides an unofficial record of credit hours completed and an inventory of the program artifacts submitted so that student and advisor may assess progress in the seminary degree program. Credit for PRF 057 Mid-Program Assessment Audit is given when the student submits a file copy of the status recommendation/progress review form completed by the advisor.

PRF 058 Candidacy-Level Assessment
During the final semester of enrollment, students enroll in PRF 058 Candidacy-Level Assessment. The purpose of this assessment is to provide opportunities for professional and community/church leaders to meet as a group to analyze the degree to which the degree program goals are being achieved by ORU seminary students.

Specified artifacts are required to demonstrate the overall attainment of outcomes for the degree program curriculum. The student is responsible to submit appropriate artifacts electronically and as a hard copy collection.

Based on their degrees, candidates prepare for and present themselves for their respective integrative group experiences. Each candidate presents a portfolio of required artifacts and additional materials for faculty review. This experience also involves writing a paper that integrates the overall expected outcomes of the degree program and interaction with the faculty/professional supervisors. A representative panel assesses the artifacts according to respective rubrics.

Two or three events are planned for intentional evaluation of degree programs during candidacy-level assessment. This occurs through a planned dialogue between administration, faculty, and students. An exit dialogue between candidates for graduation and the deans of the Seminary is scheduled at the conclusion of the final semester.

Background Check
Some clinical agencies and Christian ministries require students who participate in field experiences to undergo a criminal background check. Therefore, criminal background checks are conducted on all students the semester prior to enrollment in FED 672 Field Education Church, FED 673 Field Education Community, FED 750 Ministry Practicum, PRM 750 Christian Education Practicum, PRM 763 Counseling Practicum, PRM 764 Marriage and Family Practicum, PRM 775 Missionary Internship. The results of this search are filed with the university's office of Risk Management, and confidentiality is maintained. An unsatisfactory criminal record will prevent the student from enrolling in these classes and may affect the student's completion of degree requirements. Background check forms, instructions regarding this procedure, and the cost for this process are available with the professors who oversee the field-based courses. It is the responsibility of each student to comply with these requirements and to pay the required fee. It is the student's responsibility to inform the dean or associate dean of any new or pending criminal issues that may be involved. Failure to do so may result in disciplinary action or dismissal from the university.

Financial Aid
Students are considered for financial aid once they have been accepted into the School of Theology and Missions. Students must submit a Free Application for Federal Student Aid (FAFSA) form and have a financial need as determined by Federal Student Aid Programs. Institutional funds are awarded only to full-time students in good academic standing. Detailed information appears in the Financial Information section of the first chapter of this catalog.

Teaching Assistantships
Teaching assistantships are available to students primarily in the academic master of arts degree programs. Responsibilities are usually in the theological baccalaureate program of ORU. Assistantships may include working under the supervision of a faculty advisor to enrich existing course content, developing new teaching resources, leading undergraduate Bible and theology discussion groups, participating in limited classroom teaching and lectures, or preparing special projects and assignments. These positions require an average of 15 hours per week.

Scholarships and Grants
Academic scholarships are awarded on the basis of academic achievement. The award may not exceed the student's need as determined by the Free Application for Federal Student Aid. Grants-in-aid awards are made by the Seminary to deserving students with special qualifications and needs.

Work Scholarships are awarded by the Seminary to some who have certain abilities and who are willing to complete work assignments.

Theology Scholarships are available to graduate students in the School of Theology and Missions based on entering GPAs or the cumulative GPA after two semesters (24 credit hours) of graduate theology coursework. The minimum GPA requirement is 3.5. Amounts range from $700 to $1,700 per year. Students can contact the Financial Aid office for more information.

A few endowed Restricted Scholarships are available for students meeting specific academic, denominational, and/or other requirements established by the donors. Students can contact the Financial Aid office for more information.

ORU Need Grants are available only to graduate theology students, and applications are included as part of the acceptance packet send by the School of Theology and Missions. A completed FAFSA is required. Awards are based on need and availability of funds.

Master of Divinity Program
The master of divinity degree (M.Div.) is the basic professional degree for ministry. The M.Div. is a balanced program that integrates the fields of Biblical literature, theological/historical studies, and the practices of ministry. As the foundational degree for practical ministry, this program prepares students for effective ministry as pastors, church associates, evangelists, chaplains, and a broad variety of ministries.

Many denominations and fellowships are represented in the ORU School of Theology and Missions. Ordination courses are available for represented groups. Courses on polity, history, and doctrine are offered through resident faculty and visiting professors. Several of these courses are a part of the regular rotation of courses; others are offered upon request.

Objectives
The purpose of the program is to prepare Spirit-filled, Biblically based, historically informed, socially and ethically accountable, theologically responsible, and skillfully enabled ministers of Jesus Christ for mission with the Church in the world. The basic objectives of the master of divinity program are as follows:

- To prepare candidates with a foundational knowledge of the content of Scripture within its cultural and historical context with application to selected contemporary situations.
- To prepare students to interpret Biblical writings in the Greek and/or Hebrew languages, using critical exegetical tools and writing a hermeneutical and exegetical paper.
- To provide a basic knowledge of the field of biblical criticism.
- To provide a basic knowledge of the field of biblical theology.
- To enable students to develop skills and practical ministry strategies.
- To equip candidates with the Biblical, theological, and ethical understanding necessary to analyze and discuss contemporary social issues affecting the Church and society.
Field Education
Field education enables students to integrate and employ Biblical-theological principles, practices of ministry, and charismatic empowerment in diverse contexts of supervised ministry in the church, community, and consultation/reflection groups to achieve competency in functioning as effective ministers of the Gospel.

For at least two semesters, master of divinity and master of practical theology students have opportunities for indepth interpersonal, social, and spiritual ministry at sites such as hospitals, nursing homes, service organizations, and local churches. Qualified supervisors guide students through experiences that give accountable, practical training to develop their full potential as professionals in ministry.

Professors, site supervisors, and students meet weekly in consultation/reflection groups—either online or in a residential context—to discuss students’ successes and challenges. Students receive guidance in dealing creatively with problems they may have encountered and in integrating their academic studies with practical experiences. The ministry/reflection emphasis encourages students to establish and evaluate their personal abilities as minister-theologians. A liability insurance fee is assessed for all field-based courses.

Grade Point Average
Before candidates for the master of divinity degree graduate, they must pass at least 88.5 semester hours of coursework, complete all prerequisites, satisfy all proficiency requirements, and have a minimum cumulative grade point average of 2.50. Before the conclusion of the fifth semester of full-time studies, students must have completed the professional evaluation process and received a “pass” grade on the Candidacy-Level Assessment. Participation in graduation ceremonies is required of all candidates.

MASTER OF DIVINITY DEGREE
(MDV)
Master of Divinity
The master of divinity degree is a six-semester, 88.5 hour program structured around field education and the three curricula areas of the Seminary (Biblical literature, theological/historical studies, and practices of ministry). Students are required to enroll in two semesters of field education after 50% of their coursework is complete. Twelve semester hours of open electives are provided to all students to bridge deficient areas or enhance areas of interest, including counseling, missions, Biblical literature, and theological/historical studies. Because ORU also has graduate programs in education and business, students may choose to use a limited number of these elective hours for cross-disciplinary training.

Prerequisite/Leveling Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTHE 517</td>
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</tr>
<tr>
<td>PRF 049</td>
<td>1</td>
</tr>
</tbody>
</table>

*Prerequisite Total: 4 Credit Hours

Biblical Literature

<table>
<thead>
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</tr>
</thead>
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<tr>
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<tr>
<td>GBIB 543</td>
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<td>GBIB 546</td>
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<tr>
<td>GBIB 547</td>
<td>3</td>
</tr>
<tr>
<td>GBIB 548</td>
<td>3</td>
</tr>
<tr>
<td>GBIB 549</td>
<td>3</td>
</tr>
</tbody>
</table>

Theological/Historical Studies

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>GTHE 552</td>
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<tr>
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<tr>
<td>GTHE 556</td>
<td>3</td>
</tr>
<tr>
<td>GTHE 557</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRM 561</td>
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<tr>
<td>PRM 562</td>
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<tr>
<td>PRM 563</td>
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<tr>
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</tr>
<tr>
<td>FED 673</td>
<td>1.5</td>
</tr>
<tr>
<td>PRM 551</td>
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<tr>
<td>ORU Distinctive Courses</td>
<td>8.5</td>
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Practices of Ministry

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
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<tr>
<td>PRF 058</td>
<td>0.5</td>
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<td>PRF 059</td>
<td>0</td>
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<tr>
<td>GTHE 507</td>
<td>3</td>
</tr>
<tr>
<td>GTHE 508</td>
<td>2</td>
</tr>
<tr>
<td>GHPE 503</td>
<td>1</td>
</tr>
<tr>
<td>GHPE 515</td>
<td>1.5</td>
</tr>
</tbody>
</table>

Language Proficiency

Proficiency in any prerequisite language must be achieved before students are allowed to enroll for graduate credit beyond 24 semester hours (not including prerequisite coursework). Language proficiency is demonstrated in one of two ways: achieving greater than 70% on either the language proficiency examination or the final examination of the second semester of a language course. Students need to sign up for language proficiency even though it is not for credit.

When this proficiency is satisfied, students must consult with their faculty advisors to confirm that their degree plan sheets reflect the fulfillment of these entrance requirements.

Thesis
Students in the academic master of arts program are required to write a thesis, which allows them to do focused research on topics of their own choosing. As a learning instrument, the master of arts thesis provides an index of the student’s ability to conduct research in a given area and to organize and present the results of the research in a systematic way. The topic must be approved by the faculty advisor, the area committee, and the associate dean. For details of procedure to be followed in writing the thesis, the student should consult the syllabus for GBIB 757 or GTHE 757.
Graduation Requirements

Before candidates for the academic master of arts degrees graduate, they must pass at least 52 semester hours of coursework, complete all prerequisites, satisfy all proficiency requirements, and have a minimum cumulative grade point average of 3.00. They must have completed the professional evaluation. Participation in the graduation ceremonies is required of all candidates.

BIBLICAL LITERATURE (MBL)

Master of Arts

The Master of Arts in Biblical Literature is designed to give students hermeneutical and exegetical perspectives, tools, and methods to develop a comprehensive understanding of the Old and New Testament and to interpret Biblical content responsibly and perceptively. This program enables students to integrate hermeneutical and exegetical insights into a theological/historical framework shaped by interaction with the charismatic ethos of Oral Roberts University.

Students acquire a working knowledge of Biblical languages (Hebrew and Greek). In order to provide students with a knowledge of the theological and historical context in which the Church operates, this program includes a Biblical, theological, and historical studies core.

Proficiency in Biblical Greek and Hebrew is an integral part of this program. Transcript credit and proficiency in both Greek and Hebrew are required for graduation. For students pursuing the literature concentration, the first Biblical language is a prerequisite, but the second language is part of the concentration and counts toward fulfilling the degree requirements. For students pursuing the advanced languages concentration, proficiency in both Biblical languages is a prerequisite.

Biblical Literature Prerequisites/Leveling Courses

Students intending to pursue the Biblical literature program are required to satisfy a minimum of 12 semester hours of Biblical literature plus six semester hours (two semesters) of elementary Biblical Greek or Hebrew. Those who have not fulfilled these prerequisite requirements in baccalaureate studies with at least a "C" grade and demonstrated current proficiency (a minimum of 70% on a written examination) may take the following prerequisite/leveling courses to prepare them for the graduate coursework. (Prerequisite/leveling courses are courses at the undergraduate level that help prepare students for courses in the graduate degrees; these courses do not apply toward the master’s degree.)

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Prerequisites/Leveling Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBIB 500</td>
<td>Greek Synthesis I</td>
</tr>
<tr>
<td>GBIB 501</td>
<td>Greek Synthesis II</td>
</tr>
<tr>
<td>GBIB 510</td>
<td>Hebrew Synthesis I</td>
</tr>
<tr>
<td>GBIB 511</td>
<td>Hebrew Synthesis II</td>
</tr>
<tr>
<td>GBIB 551</td>
<td>Old Testament Synthesis</td>
</tr>
<tr>
<td>GBIB 561</td>
<td>Old Testament Exegesis (Hebrew)</td>
</tr>
<tr>
<td>GBIB 571</td>
<td>New Testament Synthesis</td>
</tr>
<tr>
<td>GBIB 581</td>
<td>New Testament Exegesis</td>
</tr>
<tr>
<td>PRF 052</td>
<td>Biblical Language Proficiency</td>
</tr>
<tr>
<td>Choice of one of the following two courses:</td>
<td>3</td>
</tr>
<tr>
<td>GBIB 500</td>
<td>Greek Synthesis I</td>
</tr>
<tr>
<td>GBIB 510</td>
<td>Hebrew Synthesis I</td>
</tr>
<tr>
<td>GBIB 511</td>
<td>Hebrew Synthesis II</td>
</tr>
<tr>
<td>GBIB 501</td>
<td>Greek Synthesis II</td>
</tr>
<tr>
<td>GBIB 511</td>
<td>Hebrew Synthesis II</td>
</tr>
<tr>
<td>Choice of one of the following two courses:</td>
<td>3</td>
</tr>
<tr>
<td>GBIB 561</td>
<td>Old Testament Hermeneutics and Exegesis (Hebrew)</td>
</tr>
<tr>
<td>GBIB 581</td>
<td>New Testament Hermeneutics and Exegesis (Greek)</td>
</tr>
<tr>
<td>Choice of one of the following:</td>
<td>0-3</td>
</tr>
<tr>
<td>GTHE 517</td>
<td>Seminar in Theological Research (3 hrs.)</td>
</tr>
<tr>
<td>PRF 049</td>
<td>Theological Research Proficiency Exam (0 hrs.)</td>
</tr>
</tbody>
</table>

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 master’s degree.)

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Prerequisites/Leveling Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBIB 500</td>
<td>Greek Synthesis I</td>
</tr>
<tr>
<td>GBIB 501</td>
<td>Greek Synthesis II</td>
</tr>
<tr>
<td>GBIB 510</td>
<td>Hebrew Synthesis I</td>
</tr>
<tr>
<td>GBIB 511</td>
<td>Hebrew Synthesis II</td>
</tr>
<tr>
<td>GBIB 551</td>
<td>Old Testament Synthesis</td>
</tr>
<tr>
<td>GBIB 561</td>
<td>Old Testament Exegesis (Hebrew)</td>
</tr>
<tr>
<td>GBIB 571</td>
<td>New Testament Synthesis</td>
</tr>
<tr>
<td>GBIB 581</td>
<td>New Testament Exegesis</td>
</tr>
<tr>
<td>PRF 053</td>
<td>Greek Proficiency</td>
</tr>
<tr>
<td>PRF 052</td>
<td>Hebrew Proficiency</td>
</tr>
<tr>
<td>Choice of one of the following:</td>
<td>0-3</td>
</tr>
<tr>
<td>GTHE 517</td>
<td>Seminar in Theological Research (3 hrs.)</td>
</tr>
<tr>
<td>PRF 049</td>
<td>Theological Research Proficiency Exam (0 hrs.)</td>
</tr>
</tbody>
</table>

ORU Distinctives Courses

All students in the Master of Arts in Biblical Literature program take these ORU distinctive courses:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Prerequisites/Leveling Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRF 056</td>
<td>Entry-Level Assessment</td>
</tr>
<tr>
<td>PRF 057</td>
<td>Mid-Level Assessment</td>
</tr>
<tr>
<td>PRF 058</td>
<td>Candidacy-Level Assessment</td>
</tr>
<tr>
<td>PRF 059</td>
<td>Whole Person Assessment</td>
</tr>
<tr>
<td>GTHE 507</td>
<td>Holy Spirit in the Now</td>
</tr>
<tr>
<td>GTHE 508</td>
<td>Signs and Wonders</td>
</tr>
<tr>
<td>GHPE 503</td>
<td>Graduate Health Fitness*</td>
</tr>
<tr>
<td>Choice of two of the following:</td>
<td></td>
</tr>
<tr>
<td>GHPE 515</td>
<td>Graduate Aerobics (.5)</td>
</tr>
<tr>
<td>GHPE 525</td>
<td>Graduate Walk for Fitness (.5)</td>
</tr>
<tr>
<td>HPE</td>
<td>Activity course (.5)</td>
</tr>
<tr>
<td>HPE</td>
<td>Activity course (.5)</td>
</tr>
</tbody>
</table>

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

Biblical, Theological, and Historical Core

All students in the Master of Arts in Biblical Literature program take these courses in this core:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Prerequisites/Leveling Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBIB 611</td>
<td>Theology of the Old Testament</td>
</tr>
<tr>
<td>GBIB 621</td>
<td>Theology of the New Testament</td>
</tr>
<tr>
<td>GBIB 756</td>
<td>Thesis Research</td>
</tr>
<tr>
<td>GBIB 757</td>
<td>Thesis Writing</td>
</tr>
<tr>
<td>GTHE</td>
<td>Electives*</td>
</tr>
<tr>
<td>Core Total</td>
<td>45</td>
</tr>
</tbody>
</table>

*Students with the Judaic-Christian Studies concentration take GTHE 681, one GTHE elective, and six hours of Bible or Judaic-Christian studies electives. Students should consult their advisors when selecting appropriate electives.

Literature Courses (LC)

Students not taking the advanced languages concentration take the following courses:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Prerequisites/Leveling Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBIB</td>
<td>Biblical literature electives</td>
</tr>
<tr>
<td>GBIB</td>
<td>Language translation elective</td>
</tr>
<tr>
<td>PRF 052/053</td>
<td>Biblical Language Proficiency</td>
</tr>
<tr>
<td>Choice of one of the following hermeneutics:</td>
<td>0</td>
</tr>
<tr>
<td>GBIB 561</td>
<td>Old Testament Hermeneutics and Exegesis (Hebrew)</td>
</tr>
<tr>
<td>GBIB 581</td>
<td>New Testament Hermeneutics and Exegesis (Greek)</td>
</tr>
<tr>
<td>Choice of one of the following sequences:</td>
<td>6</td>
</tr>
<tr>
<td>(second Biblical language)</td>
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</tr>
<tr>
<td>GBIB 500</td>
<td>Greek Synthesis I</td>
</tr>
<tr>
<td>GBIB 501</td>
<td>Greek Synthesis II</td>
</tr>
<tr>
<td>GBIB 510</td>
<td>Hebrew Synthesis I</td>
</tr>
<tr>
<td>GBIB 511</td>
<td>Hebrew Synthesis II</td>
</tr>
<tr>
<td>GBIB 561</td>
<td>Old Testament Hermeneutics and Exegesis (Hebrew)</td>
</tr>
<tr>
<td>GBIB 581</td>
<td>New Testament Hermeneutics and Exegesis (Greek)</td>
</tr>
<tr>
<td>Choice of one of the following:</td>
<td>0-3</td>
</tr>
<tr>
<td>GTHE 517</td>
<td>Seminar in Theological Research (3 hrs.)</td>
</tr>
<tr>
<td>PRF 049</td>
<td>Theological Research Proficiency Exam (0 hrs.)</td>
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</tbody>
</table>

Advanced Languages Concentration (ALC)

Choice of twelve hours from the following:

<table>
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<th>Credit Hours</th>
<th>Prerequisites/Leveling Total</th>
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</thead>
<tbody>
<tr>
<td>GBIB 618</td>
<td>Matthew (Greek)</td>
</tr>
<tr>
<td>GBIB 632</td>
<td>Isaiah (Hebrew)</td>
</tr>
<tr>
<td>GBIB 633</td>
<td>Pentateuch (Hebrew)</td>
</tr>
<tr>
<td>GBIB 636</td>
<td>Exodus (Hebrew)</td>
</tr>
</tbody>
</table>
ties of faith and in contemporary theology are enhanced, it is required to provide students with a Biblical foundation within their particular communities of faith. It provides a firsthand acquaintance with the people, heritage of the Christian faith and to increase their appreciation of Christianity.

Communication of the doctrines of the faith, and the history of the Bible, is designed to prepare students for teaching a Master of Arts

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>GBIB 637</td>
<td>Deuteronomy (Hebrew)</td>
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<tr>
<td>GBIB 682</td>
<td>Synopsis of the Gospels (Greek)</td>
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</tr>
<tr>
<td>GBIB 683</td>
<td>Mark (Greek)</td>
<td></td>
</tr>
<tr>
<td>GBIB 704</td>
<td>Psalms (Hebrew)</td>
<td></td>
</tr>
<tr>
<td>GBIB 715</td>
<td>The Bible and Midrash (Hebrew)</td>
<td></td>
</tr>
<tr>
<td>GBIB 729</td>
<td>Coptic Studies</td>
<td></td>
</tr>
<tr>
<td>GBIB 744</td>
<td>Septuagint (Greek and Hebrew)</td>
<td></td>
</tr>
<tr>
<td>GBIB 747</td>
<td>Dead Sea Scrolls (Hebrew)</td>
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</tr>
<tr>
<td>GBIB 777</td>
<td>Exegesis of Romans (Greek)</td>
<td></td>
</tr>
<tr>
<td>GBIB 787</td>
<td>Cross/Resurrection in the New Testament (Greek)</td>
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Choice of twelve hours from the following: 12

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<th>Course Title</th>
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<tbody>
<tr>
<td>GBIB 663</td>
<td>Syriac</td>
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</tr>
<tr>
<td>GBIB 712</td>
<td>Akkadian</td>
<td></td>
</tr>
<tr>
<td>GBIB 714</td>
<td>Ugaritic</td>
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</tr>
<tr>
<td>GBIB 754</td>
<td>Coptic Studies</td>
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<tr>
<td>GBIB 755</td>
<td>Classical Egyptian</td>
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<tr>
<td>GBIB 761</td>
<td>Advanced Syriac</td>
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<tr>
<td>GBIB 764</td>
<td>Biblical Aramaic</td>
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Concentration Total 24

Judaic-Christian Studies Concentration (JCSC)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>GBIB 618</td>
<td>Matthew (Greek)</td>
<td></td>
</tr>
<tr>
<td>GBIB 676</td>
<td>Pauline Theology and Early Jewish Thought</td>
<td></td>
</tr>
<tr>
<td>GBIB 688</td>
<td>The Jewish Background to the Gospels</td>
<td></td>
</tr>
<tr>
<td>GBIB 715</td>
<td>The Bible and Midrash (Hebrew)</td>
<td></td>
</tr>
<tr>
<td>GBIB 766</td>
<td>Introduction to Rabbinic Thought and Literature</td>
<td></td>
</tr>
<tr>
<td>GBIB 500</td>
<td>Greek Synthesis I</td>
<td></td>
</tr>
<tr>
<td>GBIB 501</td>
<td>Greek Synthesis II</td>
<td></td>
</tr>
<tr>
<td>GBIB 510</td>
<td>Hebrew Synthesis I</td>
<td></td>
</tr>
<tr>
<td>GBIB 511</td>
<td>Hebrew Synthesis II</td>
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Choice of one of the following: 6

(Second Biblical Language)

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<tbody>
<tr>
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</tr>
<tr>
<td>GBIB 501</td>
<td>Greek Synthesis II</td>
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<tr>
<td>GBIB 510</td>
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<tr>
<td>GBIB 511</td>
<td>Hebrew Synthesis II</td>
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</tbody>
</table>

Concentration Total 24

Degree Total 52

THEOLOGICAL AND HISTORICAL STUDIES (MTH)

Master of Arts

The Master of Arts in Theological and Historical Studies is designed to prepare students for teaching and research in historical and theological studies, the communication of the doctrines of the faith, and the history of Christianity.

This program enables students to understand and communicate the basic historical and theological heritage of the Christian faith and to increase their appreciation of the historical roots of the doctrinal emphases within their particular communities of faith. It provides students with a firsthand acquaintance with the people, creeds, liturgies, and systems of faith and order that comprise the basic elements of their heritage. A cognate is required to provide students with a Biblical foundation and context for their studies.

The students' abilities to understand and evaluate the issues and dynamics in the contemporary communities of faith and in contemporary theology are enhanced, thus strengthening their abilities to defend their faith.

Historical theology provides the conceptual framework for the Master of Arts in Theological and Historical Studies program. Proficiency in either theological German or theological French is required for graduation. Another language, however, may be substituted with the approval of the area committee when such a language is especially relevant and clearly demonstrated for the successful completion of a course of study.

Prerequisites/Leveling Courses

Applicants who have not majored in theological and historical studies in their baccalaureate studies are required to complete a minimum of 15 semester hours of theological and historical prerequisites. Applicants should satisfy these requirements during the first year of enrollment. (Credit hours from prerequisite/leveling courses do not apply toward the graduate degree.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTHE 551</td>
<td>Systematic Theology I</td>
<td></td>
</tr>
<tr>
<td>GTHE 561</td>
<td>Systematic Theology II</td>
<td></td>
</tr>
<tr>
<td>GTHE 571</td>
<td>Church History I</td>
<td></td>
</tr>
<tr>
<td>GTHE 581</td>
<td>Church History II</td>
<td></td>
</tr>
<tr>
<td>GTHE 517</td>
<td>Seminar in Theological Research (3 hrs.)</td>
<td></td>
</tr>
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Choice of one of the following: 0-3

Because theological German or French is a required part of the Master of Arts in Theological and Historical Studies, it is suggested that applicants complete two years of modern German or French in their baccalaureate programs.

ORU Distinctive Courses and Proficiencies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>PRF 056</td>
<td>Entry-Level Assessment</td>
<td>0.5</td>
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<tr>
<td>PRF 057</td>
<td>Mid-Level Assessment</td>
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</tr>
<tr>
<td>PRF 058</td>
<td>Candidacy-Level Assessment</td>
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<tr>
<td>GTHE 507</td>
<td>Holy Spirit in the New Testament</td>
<td>2</td>
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<tr>
<td>GTHE 508</td>
<td>Signs and Wonders</td>
<td>2</td>
</tr>
<tr>
<td>GHPE 503</td>
<td>Graduate Health Fitness</td>
<td>1</td>
</tr>
<tr>
<td>GHPE 515</td>
<td>Graduate Aerobics (.5)</td>
<td></td>
</tr>
<tr>
<td>GHPE 525</td>
<td>Graduate Walk for Fitness (.5)</td>
<td></td>
</tr>
<tr>
<td>HPE</td>
<td>Activity course (.5)</td>
<td></td>
</tr>
<tr>
<td>HPE</td>
<td>Activity course (.5)</td>
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ORU Distinctives Total 7

Theological/Historical Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>GTHE 624</td>
<td>Christian Apologetics</td>
<td>3</td>
</tr>
<tr>
<td>GTHE</td>
<td>Theological language (French/German)</td>
<td></td>
</tr>
<tr>
<td>GTHE 681</td>
<td>Historical Theology</td>
<td></td>
</tr>
<tr>
<td>GTHE 756</td>
<td>Thesis Research</td>
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</tr>
<tr>
<td>GTHE 757</td>
<td>Thesis Writing</td>
<td>2</td>
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<tr>
<td>PRF 052/053</td>
<td>Biblical Language Proficiency</td>
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<td>GHTE</td>
<td>Theological/historical electives</td>
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Theological/Historical Studies Total 33

Biblical Literature Cognate

<table>
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<th>Course Title</th>
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<tbody>
<tr>
<td>GBIB 507</td>
<td>Biblical Hermeneutics</td>
<td>3</td>
</tr>
<tr>
<td>GBIB 551</td>
<td>Old Testament Synthesis</td>
<td>3</td>
</tr>
<tr>
<td>GBIB 571</td>
<td>New Testament Synthesis</td>
<td>3</td>
</tr>
<tr>
<td>GBIB</td>
<td>Biblical literature elective</td>
<td>3</td>
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</tbody>
</table>

Cognate Total 12

Degree Total 52

Professional Degrees

The master of arts degree can be earned in the following professional degree programs:

- Christian Counseling (with an optional concentration in marital and family therapy)
- Christian Education
- Missions
- Practical Theology

The professional master of arts degree programs prepare candidates for specialized ministries within the local church, church-related agencies, or other professional settings. These programs provide students with the theories, skills, and practical abilities necessary to perform effectively the ministry to which they are called. They also provide the general Biblical and theological understanding necessary for specialized ministries or foundational studies necessary for pursuing doctoral studies.

Practicum/Internship

Each professional master of arts degree program requires at least one semester of supervised experience in the chosen area of concentration. The practicum and/or internship offers an opportunity for students to use the principles and skills learned in the classroom. It also provides opportunities to observe professional models of leadership and ministry. Students in practicums, internships, and field education courses are charged a professional liability insurance fee.

Graduation Requirements

Before candidates for the professional master of arts degree graduate, they must pass at least 58 or 64 semester hours of coursework, depending on their degree. They must complete all prerequisites, satisfy all proficiencies, complete the professional evaluation, and have a minimum cumulative grade point average of 2.50.

CHRISTIAN COUNSELING (CCL)

Master of Arts

The Master of Arts in Christian Counseling is designed to prepare students for a specialized ministry of counseling within the context of the local church, church-related agencies, or other professional settings. The program enables students to integrate the most effective models and theories of counseling with a sound Biblical and theological perspective and a sensitivity to the operation of the Holy Spirit. Helping hurting people is an essential element of the Gospel, and this program equips students to help people realize wholeness in every area of their lives—spirit, mind, and body.

The M.A. in Christian Counseling program is designed to meet the licensure requirements for Licensed Professional Counselors (LPC) and for Licensed Marital and Family Therapists (LMFT). While licensure requirements vary across states, certain core courses tend to be standard. Students are encouraged to contact individual state licensing offices to determine if any additional coursework is needed. Advisors are available to help students design their degree plans accordingly.

Because students are called to the counseling ministry at all stages of life, this degree does not require prerequisites before matriculation. The courses within the degree, however, are sequential and need to be completed in a specified order. Advisors guide students in making these selections.
Students are required to pass an objective competency exam before enrolling in practicum and internship courses. This exam (offered in January, May, and August) is designed to prepare students for the state licensure exam. Students can take this competency exam more than once. Students who fail to pass the exam or who elect not to take it may substitute two PRM electives in place of the practicum and internship in order to complete the hours for the degree. However, without passing the exam and the practicum and internship courses, the student is not eligible for licensure.

### ORU Distinctive Courses and Proficiencies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>GBIB 571</td>
<td>New Testament Synthesis</td>
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<tr>
<td>GBIB 506</td>
<td>Introduction to New Testament Literature</td>
<td></td>
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<tr>
<td>Choice of two of the following:</td>
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<tr>
<td>GHPE 503</td>
<td>Graduate Health Fitness*</td>
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<td>Choice of two of the following:</td>
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<td>GHPE 515</td>
<td>Graduate Aerobics (0.5)</td>
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</tr>
<tr>
<td>GHPE 525</td>
<td>Graduate Walk for Fitness (0.5)</td>
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</tr>
<tr>
<td>HPE</td>
<td>Activity course (0.5)</td>
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</tr>
<tr>
<td>HPE</td>
<td>Activity course (0.5)</td>
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<td><strong>ORU Distinctives Total</strong></td>
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*Students who completed Health Fitness I and II as ORU undergraduates need to substitute an activities course for GHPE 503, which may decrease the degree total by .5 credit hour.

### Biblical and Theological Foundations

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>PRM 528</td>
<td>Christian Approaches to Counseling</td>
<td>3</td>
</tr>
<tr>
<td>PRM 571</td>
<td>Theology of Counseling</td>
<td>3</td>
</tr>
<tr>
<td>GTHE 507</td>
<td>Holy Spirit in the Now</td>
<td>2</td>
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<tr>
<td>GTHE 508</td>
<td>Signs and Wonders and the Healing Ministry</td>
<td>2</td>
</tr>
<tr>
<td>GTHE 516</td>
<td>Introduction to Theology</td>
<td>3</td>
</tr>
<tr>
<td>Choice of one of the following Old Testament courses:</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>GBIB 505</td>
<td>Introduction to Old Testament Literature</td>
<td></td>
</tr>
<tr>
<td>GBIB 551</td>
<td>Old Testament Synthesis</td>
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</tr>
<tr>
<td>Choice of one of the following New Testament courses:</td>
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<tr>
<td>GBIB 506</td>
<td>Introduction to New Testament Literature</td>
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<tr>
<td>GBIB 571</td>
<td>New Testament Synthesis</td>
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### Professional Counselor (PFCC)

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<tr>
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<tbody>
<tr>
<td>PRM 623</td>
<td>Ethics and Professional Issues in Counseling</td>
<td></td>
</tr>
<tr>
<td>PRM 625</td>
<td>Counseling Theories</td>
<td>3</td>
</tr>
<tr>
<td>PRM 635</td>
<td>Human Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>PRM 670</td>
<td>Introduction to Psychopathology</td>
<td>3</td>
</tr>
<tr>
<td>PRM 671</td>
<td>Religion and Personality</td>
<td>3</td>
</tr>
<tr>
<td>Choice of one of the following:</td>
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<td>3</td>
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<tr>
<td>PRM 630</td>
<td>Counseling Methods</td>
<td></td>
</tr>
<tr>
<td>PRM 760</td>
<td>Cognitive Therapy</td>
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<td>PRM 762</td>
<td>Narrative Therapy</td>
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### MFT Applications

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<tbody>
<tr>
<td>PRM 641</td>
<td>Assessment in Marital and Family Therapy</td>
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</tr>
<tr>
<td>PRM 764</td>
<td>Marital and Family Therapy Practice*</td>
<td>3</td>
</tr>
<tr>
<td>PRM 782</td>
<td>Marital and Family Therapy Internship*</td>
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<tr>
<td>PRM 784</td>
<td>Counseling Research</td>
<td>3</td>
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<tr>
<td>PRM 642</td>
<td>Family Therapy</td>
<td></td>
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<tr>
<td>PRM 676</td>
<td>Marriage Counseling</td>
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</tr>
<tr>
<td>PRM 723</td>
<td>Counseling Children and Adolescents</td>
<td></td>
</tr>
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### Degree Total

<table>
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<tr>
<td></td>
<td>64</td>
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</table>

*Students not wishing to be licensed may substitute other PRM courses for this internship and practicum.

### State Licensure

Students desiring licensure as a licensed professional counselor may need to complete additional hours of counseling electives. State requirements vary. Additional courses required for licensure in Oklahoma are as follows:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>PRM 643</td>
<td>Marital/Family Systems Theory</td>
<td>3</td>
</tr>
<tr>
<td>PRM 723</td>
<td>Counseling Children and Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>PRM 732</td>
<td>Testing and Assessment II</td>
<td>3</td>
</tr>
<tr>
<td>PRM 770</td>
<td>Diagnosis and Treatment of Psychopathology</td>
<td>3</td>
</tr>
<tr>
<td>PRM 627</td>
<td>Crisis Counseling</td>
<td>3</td>
</tr>
<tr>
<td>PRM 645</td>
<td>Counseling the Elderly</td>
<td>3</td>
</tr>
<tr>
<td><strong>Licensure Total</strong></td>
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</table>

### Christian Education (MCE)

#### Master of Arts

The Master of Arts in Christian Education is designed for students preparing for service in the various professional capacities of a Christian education ministry. The program provides the comprehensive background in Christian education necessary to pursue a career in teaching or doctoral studies. This program is structured to provide well-balanced training in both the theory and practice of Christian education. It seeks to develop the essential skills of communication, teaching, and leadership, which are fundamental to a minister of Christian education. The concept of a total church program is emphasized with a philosophy flexible enough to meet the demands of both professional and lay workers in the local church. (Credit hours from prerequisite courses do not apply toward the graduate degree.)

### Prerequisite/Leveling Courses

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Degree Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>58</td>
</tr>
</tbody>
</table>

#### Missions (MISS)

#### Master of Arts

The Master of Arts in Missions is a specialized program designed to train competent professionals to carry the healing gospel 'where God's light is dim, where His voice is heard small, where His healing power is not known, even to the uttermost bounds of the earth...'. The program presents a well-rounded philosophy of missions with emphases on Biblical principles, the ministry of healing, worldwide evangelism, church planting, and methods of effective cross-cultural...
The Doctor of Ministry (D.Min.) is an advanced professional degree designed to continue the education of ministers so that they may be spiritually renewed and increasingly effective in their world ministries. The purpose of the program is to help ministers grow in their understandings and interpretations of the Church's ministry in relation to Biblical, theological, historical, ethical, and practical areas. Students are challenged to develop their ministerial skills and to refine and articulate a theology of ministry while in a setting of ministry. A distinctive of the doctoral program at ORU is the attempt to enable students to understand both the positive and problematic aspects of the charismatic dimensions of ministry.

In-Ministry Degree

Students in the doctoral program remain in their full-time ministries. As an in-ministry degree, it is closely integrated with the actual practice of ministry. Students meet in a modular format on campus for a total of seven weeks over a two-year period for seminars, workshops, and research clinics. Most of the study/work is done individually in the setting of the local parish or other field of service. Students also complete an applied research project involving research and writing about a ministry situation.

Admission Requirements

Candidates applying for admission to the doctoral program should hold a first professional theological degree (M.Div. or the equivalent) with a 3.0 grade point average from an ATS accredited Seminary. They should also have a minimum of three years of full-time post-masters degree ministry experience.

Each applicant must submit the following:

- A biographical statement concerning the call to the ministry and the way in which that call has been expressed to the present (minimum of 500 words).
- A statement outlining why the applicant desires to pursue the D.Min. degree at Oral Roberts University.
- Four letters of reference—one from an ecclesiastical overseer (if there is one), one from a Seminary professor, one from a peer in ministry, and one from a knowledgeable lay person.
Curriculum and Course Load

The program is built around core courses, a choice of specializations (called "concentrations"), and a research project. A cohort of students follow the same sequence of courses for their core courses but separate as they choose from one of the two specializations available: (1) Pastoral Care and Counseling and (2) Church Ministries and Leadership.

During the project phase, each student chooses an area of special interest and completes an applied research project within that area. Projects focus on such themes of ministry as evangelism, church growth, preaching, Christian education, missions, church and society, administration, and pastoral care and healing.

The full-time load for doctoral students in the School of Theology and Missions is 6 hours per semester while enrolled in the coursework phase of the program. One hour per semester is considered full-time when enrolled in the project phase.

Two academic years are required for completion of the coursework. The applied research project may be finished during the third year. The entire program must be concluded within five years after entry. Additional information is available in the Doctor of Ministry Handbook.

DOCTOR OF MINISTRY (DMIN)

The Doctor of Ministry degree requires 37.5 hours of course credits, including an applied research project and graduate health fitness requirements.

Health, Physical Education, and Recreation

<table>
<thead>
<tr>
<th>Health, Physical Education, and Recreation</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHPE 503 Graduate Health Fitness*</td>
</tr>
<tr>
<td>GHPE 515 Graduate Aerobics (.5)</td>
</tr>
<tr>
<td>GHPE 525 Graduate Walk for Fitness (.5)</td>
</tr>
<tr>
<td>HPE Activity course (.5)</td>
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</tbody>
</table>

HPE Total 1.5

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

Core Courses

<table>
<thead>
<tr>
<th>Core Courses</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>DMIN 711</td>
<td>Ministerial Identity and Personal Assessment</td>
</tr>
<tr>
<td>DMIN 712</td>
<td>Biblical Issues and Themes for Ministry</td>
</tr>
<tr>
<td>DMIN 716</td>
<td>Ministry and Dynamics of the Holy Spirit</td>
</tr>
<tr>
<td>DMIN 717</td>
<td>Theological Issues and Themes for Ministry</td>
</tr>
<tr>
<td>DMIN 733</td>
<td>Healing Ministries of the 21st Century</td>
</tr>
<tr>
<td>DMIN 761</td>
<td>Pastoral Care for Spiritual Formation</td>
</tr>
<tr>
<td>DMIN 768</td>
<td>Pastoral Counseling in the 21st Century</td>
</tr>
<tr>
<td>DMIN 785</td>
<td>Foundations of Ministry Research</td>
</tr>
<tr>
<td>DMIN 790</td>
<td>Research Project</td>
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</table>

Core Courses Total 24

Doctor of Ministry students choose one of the following concentrations.

Pastoral Care and Counseling Concentration (PCCC)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMIN 738 Principles of Supervision in Pastoral Care and Counseling</td>
<td>3</td>
</tr>
<tr>
<td>DMIN 752 Advanced Workshop: Marriage and Family Therapy</td>
<td>3</td>
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<tr>
<td>DMIN 753 Advanced Workshop in Addictive Behaviors</td>
<td>3</td>
</tr>
<tr>
<td>DMIN 770 Research Methods in Pastoral Care and Counseling</td>
<td>3</td>
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</table>

Concentration Total 12

Church Ministries and Leadership Concentration (CMLC)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMIN 730 Missional Leadership Strategies for Today’s Church</td>
<td>3</td>
</tr>
<tr>
<td>DMIN 732 Leading for Ministry Effectiveness</td>
<td>3</td>
</tr>
<tr>
<td>DMIN 735 Communicating the Gospel</td>
<td>3</td>
</tr>
<tr>
<td>DMIN 786 Methods of Ministry Research</td>
<td>3</td>
</tr>
</tbody>
</table>

Concentration Total 12

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMIN 711 Ministerial Identity and Personal Assessment</td>
<td>3</td>
</tr>
<tr>
<td>DMIN 785 Foundations of Ministry Research (hybrid)</td>
<td>3</td>
</tr>
</tbody>
</table>

Year Two

Three workshops, consisting of six intensive courses are required during the second year. Some of these courses are core courses and some are specific to one of the concentrations: Pastoral Care and Counseling (PCCC) and Church Ministries and Leadership (CMLC). The courses are scheduled two per week, thus requiring three weeks on campus during the second year. Each course is three hours of credit.

Fall Workshop I: One-week modular classes

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMIN 712 Biblical Issues and Themes for Ministry (core)</td>
<td>3</td>
</tr>
<tr>
<td>DMIN 735 Communicating the Gospel (DCML)</td>
<td>3</td>
</tr>
<tr>
<td>DMIN 752 Advanced Workshop: Marriage and Family Therapy (DPCC)</td>
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</table>

Spring Workshop II: One-week modular classes

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>DMIN 730 Missional Leadership Strategies for Today’s Church</td>
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</tr>
<tr>
<td>DMIN 761 Strategies for Effective Spiritual Formation (core)</td>
<td>3</td>
</tr>
<tr>
<td>DMIN 753 Advanced Workshop in Addictive Behaviors (DPCC)</td>
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</table>

Summer Workshop III: One-week modular classes

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>DMIN 732 Leading for Ministry Effectiveness (DCML)</td>
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</tr>
<tr>
<td>DMIN 733 Healing Ministries in the 21st Century (core)</td>
<td>3</td>
</tr>
<tr>
<td>DMIN 738 Principles of Supervision in Pastoral Care and Counseling (DPCC)</td>
<td>3</td>
</tr>
</tbody>
</table>

Year Three

During the third year, each student works on an approved topic for the research project. All D.Min. students must work with their supervisors and with the Doctor of Ministry Office to ensure that all steps and requirements are being correctly fulfilled. The applied research project involves implementing the project, writing the paper that presents the research project and results, and defending the project before a committee. The research project may extend beyond year three; however, the entire D.Min. program must be completed within five years.

Students must also take the comprehensive oral exam. Additional information is available in the Doctor of Ministry Handbook.

Departmental Courses (Graduate)

Course descriptions for the courses listed below are at the end of this catalog. Course descriptions are alphabetical by the prefix.

Doctor of Ministry

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMIN 711 Ministerial Identity and Personal Assessment</td>
<td>3</td>
</tr>
<tr>
<td>DMIN 712 Biblical Issues and Themes for Ministry</td>
<td>3</td>
</tr>
<tr>
<td>DMIN 716 Ministry and Dynamics of the Holy Spirit</td>
<td>3</td>
</tr>
<tr>
<td>DMIN 717 Theological Issues and Themes for Ministry</td>
<td>3</td>
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<tr>
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<tr>
<td>DMIN 732 Leading for Ministry Effectiveness</td>
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<tr>
<td>DMIN 733 Healing Ministries in the 21st Century</td>
<td>3</td>
</tr>
<tr>
<td>DMIN 735 Communicating the Gospel</td>
<td>3</td>
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<tr>
<td>DMIN 738 Principles of Supervision in Pastoral Care and Counseling</td>
<td>3</td>
</tr>
<tr>
<td>DMIN 740 Clinical Pastoral Education</td>
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<tr>
<td>DMIN 749 Directed Study</td>
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<tr>
<td>DMIN 752 Advanced Workshop for Marital and Family Therapy</td>
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<td>DMIN 753 Advanced Workshop for Addictive Behaviors</td>
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<tr>
<td>DMIN 761 Pastoral Care for Spiritual Formation</td>
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<tr>
<td>DMIN 768 Pastoral Counseling in the 21st Century</td>
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<tr>
<td>DMIN 770 Research Methods in Pastoral Care and Counseling</td>
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<tr>
<td>DMIN 785 Foundations of Ministry Research</td>
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<tr>
<td>DMIN 786 Methods of Ministry Research</td>
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<tr>
<td>DMIN 790 Research Project</td>
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<td>DMIN 791 Research Project Continuation</td>
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<td>DMIN 999 Elective</td>
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### Field Education

<table>
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<tr>
<th>Course Code</th>
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<tr>
<td>FED 501</td>
<td>Teaching Methodology</td>
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<tr>
<td>FED 519</td>
<td>Research Methodology</td>
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<tr>
<td>FED 581</td>
<td>Ministry Practicum</td>
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<td>FED 619</td>
<td>Pastoral Intenship</td>
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<td>FED 629</td>
<td>Elective</td>
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### Biblical Literature—Old Testament

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<tr>
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<tbody>
<tr>
<td>GBIB 505</td>
<td>Introduction to Old Testament Literature</td>
</tr>
<tr>
<td>GBIB 507</td>
<td>Biblical Hermeneutics</td>
</tr>
<tr>
<td>GBIB 511</td>
<td>Hebrew Synthesis I</td>
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<tr>
<td>GBIB 515</td>
<td>Old Testament Synthesis</td>
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<tr>
<td>GBIB 519</td>
<td>Old Testament Hermeneutics and Exegesis (Hebrew)</td>
</tr>
<tr>
<td>GBIB 523</td>
<td>Eighth Century Prophets</td>
</tr>
<tr>
<td>GBIB 527</td>
<td>Theology of the Old Testament</td>
</tr>
<tr>
<td>GBIB 531</td>
<td>Isaiah (Hebrew)</td>
</tr>
<tr>
<td>GBIB 535</td>
<td>Syrian Aramaic</td>
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<tr>
<td>GBIB 543</td>
<td>Psalms (Hebrew)</td>
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<td>GBIB 545</td>
<td>Advanced Syrian</td>
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<td>GBIB 551</td>
<td>Biblical Aramaic</td>
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<tr>
<td>GBIB 555</td>
<td>Introduction to Rabbinic Thought and Literature</td>
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<td>GBIB 565</td>
<td>Jewish Apocalyptic Literature</td>
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### Biblical Literature—New Testament

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>GBIB 560</td>
<td>Greek Synthesis II</td>
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<tr>
<td>GBIB 565</td>
<td>Submission to New Testament Literature</td>
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<tr>
<td>GBIB 571</td>
<td>Paul: Mission and Message</td>
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<td>GBIB 575</td>
<td>Jesus in the Synoptic Gospels</td>
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<td>GBIB 579</td>
<td>New Testament Synthesis</td>
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<td>GBIB 583</td>
<td>I Corinthians</td>
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<td>GBIB 589</td>
<td>New Testament Hermeneutics and Exegesis (Greek)</td>
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<td>GBIB 593</td>
<td>The Parables of Jesus in Their Jewish Context</td>
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<td>GBIB 613</td>
<td>History and Culture of New Testament Times</td>
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<td>GBIB 617</td>
<td>Mission and Message</td>
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<td>GBIB 621</td>
<td>Theology of the New Testament</td>
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<td>GBIB 625</td>
<td>Galatians and James: Law and Gospel</td>
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<td>GBIB 629</td>
<td>Luke</td>
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### Theological/Historical Studies—Ethics

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>GTHE 500</td>
<td>Biblical Hermeneutics</td>
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<tr>
<td>GTHE 503</td>
<td>Historical Greek and Hebrew Grammar</td>
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<tr>
<td>GTHE 505</td>
<td>Historical Methodology</td>
</tr>
<tr>
<td>GTHE 507</td>
<td>History of the Christian Church</td>
</tr>
<tr>
<td>GTHE 511</td>
<td>Historical and Theological Studies—Ethics</td>
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### Theological/Historical Studies—Historical

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<td>Historical and Theological Studies—Historical/Traditional</td>
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<td>GTHE 525</td>
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### Practices of Ministry—Christian Education

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<tbody>
<tr>
<td>PRM 500</td>
<td>Biblical Hermeneutics</td>
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<tr>
<td>PRM 503</td>
<td>Theology and History of Judaism</td>
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<tr>
<td>PRM 507</td>
<td>Theology and History of Judaism</td>
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<tr>
<td>PRM 511</td>
<td>Historical and Theological Studies—Ethics</td>
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### Practices of Ministry—Church and Society

<table>
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<tbody>
<tr>
<td>PRM 500</td>
<td>Biblical Hermeneutics</td>
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<tr>
<td>PRM 503</td>
<td>Theology and History of Judaism</td>
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<tr>
<td>PRM 507</td>
<td>Theology and History of Judaism</td>
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<tr>
<td>PRM 511</td>
<td>Historical and Theological Studies—Ethics</td>
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### Practices of Ministry—Homiletics and the Ministry

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<tr>
<td>PRM 503</td>
<td>Theology and History of Judaism</td>
</tr>
<tr>
<td>PRM 507</td>
<td>Theology and History of Judaism</td>
</tr>
<tr>
<td>PRM 511</td>
<td>Historical and Theological Studies—Ethics</td>
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</table>

### Practices of Ministry—Church, Growth, and Evangelism

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<th>Course Code</th>
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<tbody>
<tr>
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<tr>
<td>PRM 503</td>
<td>Theology and History of Judaism</td>
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<td>PRM 507</td>
<td>Theology and History of Judaism</td>
</tr>
<tr>
<td>PRM 511</td>
<td>Historical and Theological Studies—Ethics</td>
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</tbody>
</table>
Practices of Ministry—Pastoral Care and Counseling

PRM 528 Christian Approaches to Counseling
PRM 539 The Contemporary Family
PRM 571 Theology of Counseling
PRM 623 Ethics and Professional Issues in Counseling
PRM 624 Counseling Diverse Populations
PRM 625 Counseling Theories
PRM 626 Principles of Biblical Counseling
PRM 627 Crisis Counseling
PRM 630 Counseling Methods
PRM 635 Human Growth and Development
PRM 639 Family Development
PRM 640 Human Sexuality
PRM 641 Assessment in Marital and Family Therapy
PRM 642 Family Therapy
PRM 643 Marital and Family Systems Theory
PRM 645 Counseling the Elderly
PRM 670 Introduction to Psychopathology
PRM 671 Religion and Personality
PRM 673 Introduction to Pastoral Care
PRM 676 Marriage Counseling
PRM 678 Advanced Pastoral Care
PRM 679 Vocational and Occupational Guidance
PRM 680 Pastoral Ministry Yesterday, Today, and Tomorrow
PRM 681 Group Dynamics
PRM 691 Women in Ministry
PRM 723 Counseling Children and Adolescents
PRM 724 Testing and Assessment I
PRM 732 Testing and Assessment II
PRM 749 Directed Study
PRM 760 Cognitive Therapy
PRM 762 Narrative Therapy
PRM 763 Counseling Practicum
PRM 764 Marriage and Family Therapy Practicum
PRM 770 Diagnosis and Treatment of Psychopathology
PRM 780 Clinical Pastoral Education
PRM 781 Counseling Internship
PRM 782 Marriage and Family Therapy Internship
PRM 784 Counseling Research
PRM 999 Elective

Proficiencies

PRF 049 Theological Research Proficiency
PRF 050 French Proficiency
PRF 052 Hebrew Proficiency
PRF 053 Greek Proficiency
PRF 054 German Proficiency
PRF 055 Koinonia
PRF 056 Entry-Level Assessment
PRF 057 Mid-Program Assessment Audit
PRF 058 Candidacy-Level Assessment
PRF 061 Counseling Comprehensive
PRF 062 Assessment III Professional Presentation
DISTANCE LEARNING

Steven Greene, D.B.A., Dean

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

VISION STATEMENT: Recognizing that learning is an ongoing, lifelong process, distance learning enables adults to obtain a bachelor of science degree through an accredited, non-residential program. The purpose of the program is to train adult learners who seek the realization of truth and achievement of their potential life capacity and who desire to become integrated persons—spiritually alive, intellectually alert, physically disciplined, socially adept, and professionally competent.

FACULTY

Faculty for distance learning at ORU are full-time faculty members in other academic schools at Oral Roberts University or highly qualified adjunct professors chosen for their knowledge, expertise, and commitment to the ethos and goals of Oral Roberts University.

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

OVERVIEW

Distance learning is designed to provide flexible quality educational programs that accommodate adult learners who seek to better equip themselves educationally but find it impossible to leave their homes, jobs, and ministries to relocate.

ONLINE ACADEMIC DEGREE PROGRAMS

In conjunction with the on-campus faculty and Schools, students can earn a bachelor’s degree through distance education by choosing to follow one of four undergraduate majors that can be completed entirely through distance courses: business administration, Christian caregiving, church ministries, and leadership studies.

Eight minors are available through distance learning: Bible, Christian caregiving, church ministries, general business, theological studies, evangelism and missions, church history, and liberal studies.

Business Administration (B.S.)

In conjunction with the ORU School of Business, a business administration major has been designed to provide background for executives in business enterprises and industrial society. The broad background in the liberal arts provides a basis for social understanding and appreciation of society as it relates to the business environment. This major is an excellent preparatory program for students desiring to pursue the Master of Business Administration degree or the Master of Non-Profit Management degree, which are both offered through the ORU School of Business.

Christian Caregiving (B.S.)

The ORU School of Theology and Missions offers a major in Christian Caregiving, which can be earned through distance learning. This major is designed to prepare students for lay ministries of counseling within the context of local church or church-related agencies. This program equips students to help people realize wholeness in every area of their lives—spirit, mind, and body. The Christian caregiving major is an excellent preparatory program for the Master of Arts in Christian Counseling offered through the ORU School of Theology and Missions.

Church Ministries (B.S.)

According to Ephesians 4:11, evangelists, pastors, and teachers are appointed to prepare God’s people for service so that the Body of Christ may be built up. Through the ORU School of Theology and Missions, a bachelor of science degree in church ministries is offered, and this major includes components of theology and practical ministry.

Leadership Studies (B.A.)

The Leadership Studies program is offered through the School of Arts and Cultural Studies. The curriculum for leadership studies is designed to emphasize inquiry, understanding, skill development, practice, and reflection. In-class study, class exercises, service projects, leadership workshops, and leadership development programs provide an environment where students can study and develop an understanding of leadership. Leadership studies students pursue a rigorous program of study in leadership theory, organizational communication, public and private sector leadership, church leadership, conflict resolution, ethics, and administrative theory.

ENROLLMENT

Admission Requirements

Each applicant should complete an application form and submit all post-secondary transcripts as well as an official high school transcript. Each applicant also needs to submit a signed Honor Code Pledge. Official transcripts from institutions attended outside of Oral Roberts University must be forwarded to the ORU distance learning representative. More information is available at www.oruonline.com.

Students in the ORU distance learning program who have not enrolled within a period of one calendar year are required to submit an Application for Readmission. Applicants for readmission must be approved by the Registrar’s Office, Student Development Office, and Student Accounts. Students are readmitted under current degree plans and policies, which could alter the students’ previously approved degree plans.

CURRICULUM AND COURSE CREDIT

Course Load and Format

The normal course load for a full-time distance student is six credit hours in each 8-week term. No student may take more than seven hours in an 8-week term without the approval of the school dean.

Courses are delivered in a variety of distance formats that promote the students’ development and higher-level learning using analysis, synthesis, and evaluation skills. Students demonstrate comprehension of course material through responses to objective questions (e.g., matching, short answer, and multiple choice), written work (e.g., answering essay questions, preparing written papers, and doing book critiques), and interacting with classmates in discussions and group projects (in online courses). Careful attention has been given to ensure that the spirit and ethos of Oral Roberts University are maintained in all ORU online courses.

Some courses may require proctored exams. Test proctors must be appropriately credentialed education professionals (e.g., principals, school teachers, school counselors, college/university professors), and must be approved in advance by ORU. It is the student’s responsibility to complete a Proctor Selection Form, identify an appropriate proctor, and make arrangements with a proctor.

Students must do their own academic work. Coursework done in collaboration with anyone else must be disclosed to and approved by the instructor. Any and all materials obtained from any source (e.g., written, online, verbal) that a student uses in the preparation for any assignment or any other work for submission must be accurately credited and/or cited within the submitted work. A student violating any aspect of academic integrity may receive an “F” in the course involved and may be subject to additional disciplinary action, including possible suspension from ORU.

Course Materials

Materials such as textbooks, workbooks, recordings, and other required items may be ordered from the University Bookstore.

Proficiency Examinations

Students may be required to take math and/or English proficiency examinations to determine the appropriate courses in which they need to enroll. These exams are designed to facilitate student success in their academic programs.

Prior Learning Assessment

This process recognizes the knowledge that adult learners have gained through non-college courses, on-the-job training, or personal study. Credit may be granted for knowledge acquired that is equivalent to content taught in a specific course. The knowledge must apply to a course(s) in the Oral Roberts University curriculum.

Students should contact their academic advisors for more information on the policies and procedures for a Prior Learning Assessment.

Test-Out Exams for Course Credit

To receive credit for courses, students can take test-out exams, which enable them to prove proficiency in a subject and thus eliminate the need to take the course. Students who earn a grade of “C” (70%) or better are given credit for the course. Students who matriculate to ORU may earn up to 30 hours of ORU credit through the test-out process.

HPE Requirements

All degree-seeking students are required to enroll in and pass the Health Fitness and Fitness for Life courses. Every student is required to make satisfactory progress in physical fitness, as demonstrated in each HPE course’s assignments.

Grading System

Grades are recorded as “A,” “B,” “C,” “D,” and “F.” Grade points are assigned to each grade: four grade points are awarded for each semester hour of “A,” three
for "B." two for "C," one for "D," and zero for "F." No credit is given for failing grades ("F"), incompletes ("I"), extensions ("E"), or withdrawals ("W"). A minimum GPA of 2.0 must be earned to qualify for graduation.

Repeating a Course
A course that is repeated at ORU to replace the original grade is noted on the student’s transcript. The first course taken remains on the transcript with an indication it has been repeated, and the grade received from the course is excluded from the semester and cumulative grade point average. Courses may be repeated outside ORU with approval from ORU; however, grade point averages earned at Oral Roberts University remain on the transcript and are not affected by grades earned elsewhere. Double credit is not awarded for repeated classes.

BUSINESS ADMINISTRATION MAJOR (BUA)
Bachelor of Science

General Education
Whole Person Assessment (GEN 099) 0
English (COMP 102, 303) 6
Oral Communication (COM 101) 3
Humanities (HUM 111, 112, 213, 214) 12
Biblical Literature (BLIT 110, 120) 6
Theology (THE 103) 3
Mathematics (MAT 151) 3
American History (HIS 101) 3
American Government (GOV 101) 3
Laboratory Science (Choice of two of the following: BIO 101, EVR 350, PSC 101, CHE 101) 8
Social Sciences Elective (Choice of one of the following: BUS 201, SOC 101, SOC 201, FIN 244) 4
Health, Physical Education, and Recreation (HPE 001, 002, 101, 102) 6

General Education Total 54

Major
BUS 099 Business Seminar 0
ACT 215 Principles of Financial Accounting I 3
ACT 216 Principles of Financial and Managerial Accounting II 3
ACT 320 Quantitative Analysis 3
BUS 325 Business Law I 3
BUS 326 Business Law II 3
MKT 130 Principles of Marketing 3
MGT 431 Strategic Management 3
FIN 338 Financial Management 3
BUS 499 Seminar and Senior Paper 3

Major Total 45

Electives

Degree Total 128

*Minor must be outside the School of Business. A minor in Bible, Christian caregiving, church ministries, liberal studies, or theological studies can be completed through ORU distance learning.

CHRISTIAN CAREGIVING MAJOR (CCG)
Bachelor of Science

General Education
Whole Person Assessment (GEN 099) 0
English (COMP 102, 303) 6
Oral Communication (COM 101) 3
Humanities (HUM 111, 112, 213, 214) 12
Biblical Literature (BLIT 110, 120) 6
Theology (THE 103) 3
Mathematics (MAT 151) 3
American History (HIS 101) 3
American Government (GOV 101) 3
Laboratory Science (Choice of two of the following: BIO 101, EVR 350, PSC 101, CHE 101) 8
Social Sciences Elective (Choice of one of the following: PSY 201, BUS 201, SOC 101, FIN 244) 4
Health, Physical Education, and Recreation (HPE 001, 002, 101, 102) 6

General Education Total 54

Major
CCC 301 Introduction to Christian Caregiving 3
CCC 324 Foundations of Personality Development 3
CCC 332 Life-span Development 3
CCC 339 Developing Helping Skills 3
CCC 411 Practical Applications of Helping Skills 3
CCC 413 Senior Practicum 3
THE 217 Seminar in Theological Research 3
PSY 201 Principles of Psychology 3
SOC 201 Marriage and the Family 3
Choice of six courses from the following list: 18
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
PSY 338 Psychology of Abnormal Behavior 3
CHRM 306 Pastoral Ministry Skills

Major Total 45

Minor* 18
Electives 11

Degree Total 128

*Minor must be outside the School of Business. A minor in Bible, general business, church ministries, liberal studies, or theological studies can be completed through the ORU distance learning.

CHRISTIAN MINISTRIES MAJOR (CHMN)
Bachelor of Science

General Education
Whole Person Assessment (GEN 099) 0
English (COMP 102, 303) 6
Oral Communication (COM 101) 3
Humanities (HUM 111, 112, 213, 214) 12
Biblical Literature (BLIT 110, 120) 6
Theology (THE 103) 3
Mathematics (MAT 151) 3
American History (HIS 101) 3
American Government (GOV 101) 3
Laboratory Science (Choice of two of the following: BIO 101, EVR 350, PSC 101, CHE 101) 8
Social Sciences Elective (Choice of one of the following: PSY 201, BUS 201, SOC 101, SOC 201, FIN 244) 4
Health, Physical Education, and Recreation (HPE 001, 002, 101, 102) 6

General Education Total 54

Major
BIB 306 Hermeneutics: Principles of Biblical Interpretation 3
BIB 362 Jesus and the Gospels 3
THE 217 Seminar in Theological Research 3
THE 313 Systematic Theology I 3
THE 314 Systematic Theology II 3
CHRM 304 Introduction to Christian Education 3
CHRM 305 Teaching the Bible 3
CHRM 306 Pastoral Ministry Skills 3
CHRM 335 Introduction to Evangelism 3
CHRM 340 Sermon Preparation and Preaching 3
CHRM 460 Church Administration 3
CHRM 499 Senior Paper/Project 3
MISS 404 Church Growth and Planting 3
Choice of two of the following courses: 6
THE 461 History of Christianity I: Early Church 3
THE 462 History of Christianity II: Medieval Church 3
THE 463 History of Christianity III: Reformation to Present 3
BIB 363 Eschatology and the Book of Revelation 3
BIB 364 The Pauline Epistles 3
BIB 376 Hebrews and General Epistles 3
BIB 421 Pentateuch 3
BIB 424 Hebrew Prophets 3
BIB 437 Psalms and Wisdom Literature 3
Choice of three of the following courses: 9
THE 304 Contemporary Religions of America 3
THE 353 History of Christianity in America 3
THE 402 Divine Healing 3
THE 444 Contemporary Theology 3
THE 445 Charismatic Theology 3
THE 464 Prayer 3

Major Total 66

Electives 8

Degree Total 128

LEADERSHIP STUDIES MAJOR (LDRS)
Bachelor of Arts

General Education
Whole Person Assessment (GEN 099) 0
English (COMP 102, 303) 6
Foreign Language (2 semesters including 203) 6
Oral Communication (COM 101) 3
Biblical Literature (BLIT 110, 120) 6
Theology (THE 103) 3
Laboratory Science 8
Mathematics (MAT 151 or 232) 3
American History (HIS 101) 3
American Government (GOV 101) 3
Humanities (HUM 101 plus three of the following: HUM 222, 233, 244, 301, 333, 250, 255, 260, 270) 12
Behavioral Science (BUS 201) 3
Health, Physical Education, and Recreation (HPE 001, 002, 101, and 102) 4

**General Education Total** 60

*At least one course must be chosen from list courses with asterisks.

**Major**

**Area #1 Leadership Studies**
IS 301 Christian Worldview 3
IS 462 Needs Assessment and Program Evaluation 3
GOV 341 Public Administration 3
GOV 461 Public Policy Analysis 3
COM 300 Organizational Communication 3
COM 412 Training and Development 3
BUS 372 Business Ethics 3
MKT 130 Principles of Marketing 3
MGT 130 Principles of Management 3
WRT 430 Grant Writing 3
CHRM 302 Christian Leadership 3
LEAD 399 Leadership Studies Practicum 3
LEAD 499 Senior Paper in Leadership Studies 3

**Area #1 Total** 39

**Area #2 Leadership Studies**
COM 410 Discussion and Conference Leadership 3
COM 446 Business/Professional Speech 3
HUM 350 Protocol and Etiquette 3
Mgmt 461 Conflict Resolution 3
BIO 456 Bioethics 2
Choice of ten hours from the following courses: 10
LEAD 399 Leadership Practicum (3-6 hrs.)

**Electives**

**Area #2 Total** 24

**Major Total** 63

**Electives** 5

**Degree Total** 128

**Bible Minor (BIBM)**

This minor is for students majoring in business administration or Christian caregiving.

BIB 306 Hermeneutics: Principles of Biblical Interpretation 3
Choice of two or three* New Testament courses: 6-9
BIB 362 Jesus and the Gospels 3
BIB 364 The Pauline Epistles 3
BIB 376 Hebrews and the General Epistles 3
BIB Elective** 3
Choice of two or three* Old Testament courses: 6-9
BIB 421 Pentateuch 3
BIB 437 Psalms and Wisdom Literature 3
BIB Elective** 3

**Minor Total** 18

*Old and New Testament courses combined should equal 15 hours. Thus, if a student takes two New Testament courses, then he or she needs to take three Old Testament courses or vice versa.

**Christian Caregiving Minor (CCGM)**

This minor is for students majoring in business administration.

PSY 201 Principles of Psychology 3
CCC 301 Introduction to Christian Caregiving 3
CCC 324 Foundations of Personality Development 3
CCC 332 Lifespan Development 3
CCC 339 Developing Helping Skills 3

Choice of one of the following:
CCC 333 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

PSY 338 Psychology of Abnormal Behavior 3
CHRM 306 Pastoral Ministry Skills 3

**Minor Total** 18

**Church Ministries Minor (CMM)**

This minor is for students majoring in business administration or Christian caregiving.

CHRM 304 Introduction to Christian Education 3
CHRM 306 Pastoral Ministry Skills 3
CHRM 460 Church Administration 3
MISS 404 Church Growth and Planting 3

Choice of one of the following:
CHRM 305 Teaching the Bible 3
CHRM 340 Sermon Preparation and Preaching 3

CHRM 335 Introduction to Evangelism 3
MISS 325 Introduction to Christian Missions 3

**Minor Total** 18

**General Business Minor (BUAM)**

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

ACT 215 Principles of Financial Accounting I 3
BUS 201 Principles of Economics I 3
MKT 130 Principles of Marketing 3
MGT 130 Principles of Management 3

Choice of two of the following courses: 6
BUS 202 Principles of Economics II 3
BUS 325 Business Law I 3
BUS 326 Business Law II 3
ACT 216 Principles of Financial and Managerial Accounting II 3
ACT 320 Quantitative Analysis 3
FIN 338 Financial Management 3

**Minor Total** 18

**Liberal Studies Minor (LIBM)**

This minor is for students majoring in business administration or Christian caregiving.

The liberal studies minor requires a total of 18 hours of coursework and must meet the following stipulations: (1) the minor must include at least 6 hours of upper division courses (courses numbered 300 or higher); (2) the 18 hours must be related coursework (i.e., in the same subject area), and (3) the minor must be approved by the dean of distance learning.

**Theological Studies Minor (TSTM)**

This minor is for students majoring in business administration or Christian caregiving.

THE 313 Systematic Theology I 3
THE 314 Systematic Theology II 3
THE 402 Divine Healing 3
THE 444 Contemporary Theology 3
THE 445 Charismatic Theology 3
THE 464 Prayer 3

**Evangelism and Missions Minor (EVMM)**

This minor is for students majoring in business administration or Christian caregiving.

BIB 306 Hermeneutics: Principles of Biblical Interpretation 3
CHRM 335 Introduction to Evangelism 3
CHRM 430 Evangelism and the Local Church 3

Choice of two of the following courses: 6
MISS 397 Missions Internship 3
MISS 404 Church Growth and Planting 3
THE 304 Contemporary Religions in America 3

**Minor Total** 18

**Church History Minor (CHM)**

This minor is for students majoring in business administration or Christian caregiving.

THE 302 Introduction to Philosophy 3
THE 304 Contemporary Religions in America 3
THE 353 History of Christianity in America 3
THE 461 History of Christianity I: Early Church 3
THE 462 History of Christianity II: Medieval Church 3
THE 463 History of Christianity III: Reformation to Present 3

**Minor Total** 18
## Online Academic Courses

Course descriptions for the courses listed below are at the end of this catalog. Course descriptions are alphabetical by the prefix.

### Accounting
- ACT 215 Principles of Financial Accounting I
- ACT 216 Principles of Financial and Managerial Accounting II
- ACT 320 Quantitative Analysis

### Biblical Literature
- BLIT 110 Survey of Old Testament Literature
- BLIT 120 Survey of New Testament Literature

### Biblical Studies
- BIB 222 Old Testament Introduction
- BIB 306 Hermeneutics: Principles of Biblical Interpretation
- BIB 421 Pentateuch
- BIB 424 Hebrew Prophets
- BIB 437 Psalms and Wisdom Literature
- BIB 455 Intensive Studies (Jewish topics)

### Biology
- BIO 101 Principles of Biology Lecture
- BIO 101 Principles of Biology Laboratory

### Business
- BUS 099 Business Seminar
- BUS 201 Principles of Economics I
- BUS 325 Business Law I
- BUS 499 Seminar and Senior Paper

### Chemistry
- CHE 101 Principles of Chemistry Lecture
- CHE 101 Principles of Chemistry Laboratory

### Christian Caregiving
- CCC 301 Introduction to Christian Caregiving
- CCC 303 Issues and Identity of the Caregiver
- CCC 321 Christian Approaches to Counseling
- CCC 324 Foundations of Personality Development
- CCC 332 Lifespan Development
- CCC 339 Developing Helping Skills
- CCC 405 Crisis Intervention
- CCC 411 Practical Applications of Helping Skills
- CCC 413 Senior Practicum
- CCC 426 Assessment and Evaluation
- CCC 429 Substance Abuse
- CCC 430 Special Issues in Counseling

### Church Ministries
- CHRM 304 Introduction to Christian Education
- CHRM 305 Teaching the Bible
- CHRM 306 Pastoral Ministry Skills
- CHRM 335 Introduction to Evangelism
- CHRM 340 Sermon Preparation and Preaching
- CHRM 399 Signs and Wonders
- CHRM 430 Evangelism and the Local Church

### Communication Arts
- COM 101 Oral Communication

### Computer Science
- CSC 112 Microcomputer Applications in Business

### English
- COMP 101 College Reading and Writing
- COMP 102 Reading and Writing in the Liberal Arts
- COMP 303 Critical Reading and Writing

### Environmental Science
- EVR 350 Environmental Science Lecture
- EVR 350 Environmental Science Laboratory

### Finance
- FIN 244 Personal Financial Planning
- FIN 338 Financial Management

### General Studies
- GEN 099 Whole Person Assessment
- GEN 499 Senior Paper/Project

### Government
- GOV 101 American Government and Politics

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

### Hebrew
- HEB 305 Hebrew Culture and Civilization
- HEB 306 Business Hebrew

### History
- HIS 101 American History Survey: 1760 to Present
- HIS 371 Islamic Middle East
- HIS 372 Ancient Near East
- HIS 452 Department Seminar: Europe
- HIS 453 Department Seminar: Middle East
- HIS 472 Twentieth Century Middle East
- HIS 473 The Rise of Modern Israel
- HIS 479 Readings in History (Middle East Topics)

### Humanities
- HUM 101 Humanitas: Introduction to Humanities
- HUM 111 Introduction to Humanities I
- HUM 112 Introduction to Humanities II
- HUM 213 Modern Humanities I
- HUM 214 Modern Humanities II
- HUM 301 Christian Worldview and Culture

### Management
- MGT 130 Principles of Management
- MGT 431 Strategic Management

### Marketing
- MKT 130 Principles of Marketing

### Mathematics
- MAT 099 Introduction to College Mathematics
- MAT 151 Mathematics and Society
- MAT 232 Elementary Statistics

### Missions
- MISS 325 Introduction to Christian Missions
- MISS 404 Church Growth and Planting

### Physical Science
- PSC 101 Principles of Physical Science Lecture
- PSC 101 Principles of Physical Science Laboratory

### Psychology
- PSY 201 Principles of Psychology
- PSY 338 Psychology of Abnormal Behavior

### Sociology
- SOC 101 Introduction to Sociology
- SOC 201 Marriage and the Family

### Theology
- THE 103 Charismatic Life and the Healing Ministry
- THE 217 Seminar in Theological Research
- THE 302 Introduction to Philosophy
- THE 304 Contemporary Religions in America
- THE 313 Systematic Theology I
- THE 314 Systematic Theology II
- THE 353 History of Christianity of America
- THE 402 Divine Healing
- THE 444 Contemporary Theology
- THE 445 Charismatic Theology
- THE 461 History of Christianity I: Early Church
- THE 462 History of Christianity II: Medieval Church
- THE 463 History of Christianity III: Reformation to Present
- THE 464 Prayer

### Proficiencies
- PRF 100A English Proficiency
- PRF 100C Math Proficiency
COURSE DESCRIPTIONS

Note: Graduate courses crosslisted with undergraduate courses require additional work for graduate credit.

ACCOUNTING (ACT)

ACT 215
Principles of Financial Accounting I
3 credit hours
A conceptual study of the principles of financial accounting that emphasizes the balance sheet, income statement, and the basic bookkeeping system. Specifically includes deferrals and accruals, adjusting and closing entries, special journals, the voucher system, and payroll accounting.

ACT 216
Principles of Managerial Accounting II
3 credit hours
A continuation of financial accounting as it relates to partnerships and corporations, with some coverage of topics in the managerial accounting area, including manufacturing accounting, control accounting, CVP relationships, financial statement analysis, cash flow statements, and special management reports. Prerequisite: ACT 215.

ACT 320
Quantitative Analysis
3 credit hours
A study of the quantitative analysis interpretations of data for business decision-making; probability theory, linear programming, special purpose algorithms, inventory models, Pert/Cpm, forecasting, and other quantitative methods. Prerequisites: MAT 232, ACT 215, and 216.

ACT 327
Intermediate Accounting I
3 credit hours
A comprehensive study of intermediate accounting theory and technique. Emphasizes financial statement relationships with a balance sheet approach to the study. The course moves from the most current and liquid categories to the least current along balance-sheet lines covering all of the major balance sheet classifications and account groupings individually and in depth. The first in a two-course sequence, it covers roughly one-half of the comprehensive intermediate accounting volumes. (Crosslisted with GACT 527.) Prerequisite: ACT 216.

ACT 328
Intermediate Accounting II
3 credit hours
A continuation of the study of intermediate theory, which includes proper coverage of any official pronouncements of the FASB or other official bodies of the AICPA. Includes the balance sheet approach to the systematic study of the theory as well as the analysis of financial statements. (Crosslisted with GACT 528.) Prerequisite: ACT 327.

ACT 432
Managerial Cost Accounting
3 credit hours
A study of basic cost relationships, cost systems design, variance analysis, CVP analysis, and standard costing techniques. Considers the relative income effects of alternative product-costing methods together with relevant cost evaluations and inventory planning and control techniques. (Crosslisted with GACT 533.) Prerequisite: ACT 216.

ACT 435
Accounting Information Systems
3 credit hours
Examines accounting information systems as an integrated framework within a business entity. Highlighted topics include data retrieval for report preparation, evaluation of accounting information systems, and the design of charts of accounts. Discusses the role of accounting systems, controls, and auditing. (Crosslisted with GACT 570.) Prerequisite: ACT 216.

ACT 439
Auditing
3 credit hours
A course designed to acquaint the student with the theoretical knowledge to successfully perform the attest function. Although practical knowledge is best acquired while working with actual records, problems and case studies are used extensively to give practical exposure to the student. (Crosslisted with GACT 539.) Prerequisite: ACT 328.

ACT 442
Federal Income Tax Accounting
3 credit hours
A study of personal federal income tax accounting designed primarily to acquaint the student with both an exhaustive study of personal income tax and a brief explanation of the basic differences between the personal income tax regulations and the corporate income tax regulations. (Crosslisted with GACT 542.) Prerequisite: ACT 216.

ACT 443
Advanced Tax Accounting
3 credit hours
Continued study of the Internal Revenue Code and regulations considering advanced aspects of income, deductions, exclusions, and credits, especially as they relate to partnerships, corporations, LLCs, and LLPs. Includes problems that require research utilizing return preparation software and various tax reference services. (Crosslisted with GACT 543.) Prerequisite: ACT 442.

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

ACT 462
Advanced Accounting I
3 credit hours
An in-depth study of business combinations, consolidated financial statements, and accounting for partnerships creation, operation, dissolution, and liquidation. Emphasizes worksheet techniques for the preparation of consolidated statements. (Crosslisted with GACT 532.) Prerequisite: ACT 215.

ACT 463
Advanced Accounting II
3 credit hours
Completes the study of financial accounting theory begun in ACT 327. Covers various topics, with primary emphasis on not-for-profit accounting (for government, universities, hospitals, and voluntary organizations), fiduciary accounting (for estates, trusts, and insolvent companies), and advanced financial statement presentations (interim reporting, foreign currency transactions, financial statements, segment reporting, and accounting for derivatives). (Crosslisted with GACT 563.) Prerequisite or corequisite: ACT 327.

ACT 464
Becker CPA--Regulation
1 credit hour
A review of business law topics most pertinent to professional accountants (e.g. contracts, sales transactions, commercial paper, agencies, bankruptcy, and legal liability) and a review of tax issues, including those related to individuals, partnerships, corporations, and estates. (Crosslisted with GACT 564.) Prerequisites: BUS 326 and ACT 442 or GACT 542.

ACT 465
Becker CPA--Business
1 credit hour
A review of business organizations, business cycles, economics, financial analysis, information systems, and managerial accounting issues that are most pertinent to professional accountants. (Crosslisted with GACT 565.) Prerequisites: BUS 202, FIN 338, and ACT 432 or GACT 533.

ACT 466
Becker CPA--Financial
1 credit hour
A review of financial statements and all transactions related to their preparation. Topics include accounting for corporations, state and local governments, and other not-for-profit organizations. (Crosslisted with GACT 566.) Prerequisites: ACT 328 or GACT 528.

ACT 467
Becker CPA--Auditing
1 credit hour
A review of the attestation procedures and all reports prepared by professional accountants related to the attestation function. Topics include all reporting requirements, professional standards, internal control, transaction cycles, and evidential matter. (Crosslisted with GACT 567.) Prerequisites: ACT 439 or GACT 539.

ACT 471
Estate and Gift Taxation
3 credit hours
A broad overview of the federal transfer tax system including federal gift taxation, federal and state estate taxation, and federal generation-skipping transfer taxation. The course examines various forms of property ownership, transfers of those various ownerships, and related tax implications. (Crosslisted with GACT 571.) Prerequisites: ACT 215, 216, and 327.

ACT 999
1-6 credit hours
Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.) Prerequisite: Approval by petition to department chair.
ADV 211
Workshop: Advertising
3 credit hours
Teaches students to work as part of a sales team with defined sales objectives in an active media sales office through ORU's Student Media Publications. Provides experience in prospecting, cold calling, personal selling, contracting, customer service, and relationship-building activities to service both in-house and newly acquired accounts. Also includes creative services account support and collections of outstanding payments. Students use Adobe Creative Suite® and Microsoft Office® software.

ADV 221
Branding and Promotions
3 credit hours
A study of the problems of product promotion, program distribution, and sale of air time in radio and television.

ADV 320
Communication Research
3 credit hours
Students are introduced to commonly used marketing, advertising, and public relations research methods including survey research, focus groups, experiments, and content analysis. Research requires hands-on learning. Students complete multiple research projects that reflect industry research experiences. Prerequisite: ADV 221.

ADV 421
Media Buying and Selling
3 credit hours
Provides students with a framework for understanding the role of strategic media planning and buying in the overall context of marketing and advertising decisions. Covers audience research as well as selection, evaluation and planning of all major advertising. Focuses on the media sales industry and ethical business selling and negotiation approaches. Prerequisite: ADV 221.

ADV 499
Senior Research Project
3 credit hours
Specialized research culminating in a senior paper and/or other approved project. Prerequisite: Permission of instructor. Course fee: $40.

ART (ART)

ART 101
Fundamentals of Art I
3 credit hours
The study and application of the visual elements and principles of visual organization in the second dimension. Includes an introduction to lateral thinking as it applies to the generation of ideas. Includes devotions to help validate the student's call as a Christian artist. (Class contact for lecture and studio—6 hours per week.) Course fee: $40.

ART 102
Fundamentals of Art II
3 credit hours
A continuation of Art 101 with an emphasis on the application of the principles of design to the third dimension. (Class contact for lecture and studio—6 hours per week.) Prerequisite: ART 101 or permission of the instructor. Course fee: $40.

ART 103
Art History Survey I
3 credit hours
A study of the world arts, artists, and their cultures from prehistoric times through the Gothic Period. (Crosslisted with HUM 250.) Course fee: $15.

ART 104
Art History Survey II
3 credit hours
A study of world painting, sculpture, and architecture from the birth of the Italian Renaissance through the eighteenth century. (Crosslisted with HUM 255.) Course fee: $15.

ART 105
Color
3 credit hours
Investigation into the objective and subjective nature of color and its application in fine art, graphic design, advertising, and computer graphics. Students develop an eye for color by examining fundamental properties of color, optical effects, color illusions, psychology, and symbolism. Uses a combination of guided personal discovery through color studies and traditional lecture/demonstrations to provide a multifaceted understanding of subtractive and additive color in a variety of design driven applications. (Class contact for lecture and studio—6 hours per week.) Course fee: $40.

ART 118
Design Technology
0.5 credit hour
An introduction to contemporary software titles relating to the production of design artifacts across a diverse range of media. Tutorials are self-managed and paced, with placement-based preliminary examination. Weekly recitation hour used for questions, demonstrations, and for individual assistance. (Class contact for lecture—1 hour per week per week.) Course fee: $40.

ART 201
Ceramics I
3 credit hours
The study of a variety of hand-building techniques. It includes a study of form and generation of ideas in clay with an introduction to the application of glaze and loading and firing a kiln. (Class contact for lecture and studio—6 hours per week.) Course fee: $40.

ART 202
Sculpture I
3 credit hours
Develops student skills in the methods and study of the sculptural form. Emphasizes methods, materials, concepts, and artistic style. (Class contact for lecture and studio—6 hours per week.) Prerequisite: ART 102. Course fee: $40.

ART 203
Painting I
3 credit hours
An introduction to the materials and techniques of oil painting. Emphasizes color, surface, and composition. Traditional to contemporary styles are explored. (Class contact for lecture and studio—6 hours per week.) Prerequisites: ART 101, 213, and 214. Course fee: $40.

ART 204
Printmaking I
3 credit hours
A course covering the basic media and processes involved in the relief and intaglio processes, serigraphy, and creative printmaking. (Class contact for lecture and studio—6 hours per week.) Prerequisites: ART 101 and 213. Course fee: $40.

ART 205
Typography
3 credit hours
Intermediate application of language, letterforms, and accompanying devices across a diverse range of media. Development of visual and audible representation of language to solve complex communication requirements. Develops theoretical and technical design skills including organization, hierarchy, aesthetic, and production technology. Assessment via written and verbal critiques, research, analysis, and descriptions of project-based work. (Class contact for lecture and studio—6 hours per week.) Prerequisites: ART 101, 118, 218, and design technology requirements. Course fee: $40.

ART 213
Drawing
3 credit hours
A course intended to develop the student’s understanding of the basic concepts of drawing and their powers of observation. Students work with various media utilizing a variety of sources and environments (Class contact for lecture and studio—6 hours per week.) Course fee: $40.

ART 214
Figure Drawing
3 credit hours
Introduction to fundamentals of drawing the human figure from gesture to finished work. Emphasis on shape, form, value, structure, and individual expression. (Class contact for lecture and studio—6 hours per week.) Prerequisite: ART 213. Course fee: $40.

ART 218
Graphic Design I
3 credit hours
Introductory application of visual literacy and cognitive strategies to aid in solving communication problems using appropriate technology. Introduction to procedures and methodologies for problem identification, research, analysis, and evaluation Assessment via written and verbal critiques, research, analysis, and descriptions of project-based work. (Class contact for lecture and studio—6 hours per week.) Prerequisites: ART 101. Corequisite: ART 118. Course fee: $40.
ART 223  
Crafts  
3 credit hours
A survey course of craft techniques for the beginning student. Historical and cultural concepts with practical application. (Class contact for lecture and studio—6 hours per week.)
Course fee: $40.

ART 301  
Ceramics II  
3 credit hours
A continuation of ART 201 with an emphasis on the lab potter’s wheel as a tool for the forming of pottery. Includes advanced decoration and firing techniques peculiar to wheel-thrown forms. (Class contact for lecture and studio—6 hours per week.)
Prerequisite: ART 201 or permission of the instructor.
Course fee: $40.

ART 302  
Sculpture II  
3 credit hours
A continuation of ART 202. An in-depth study of the design and technical methods of sculpture construction. Includes techniques in wood aluminum and welded steel. (Class contact for lecture and studio—6 hours per week.)
Prerequisite: ART 202.
Course fee: $40.

ART 303  
Painting II  
3 credit hours
Concentration on developing imaginative resources and processes through the use of acrylics. Explores the aesthetics of both abstraction and observation. (Class contact for lecture and studio—6 hours per week.)
Prerequisite: ART 203.
Course fee: $40.

ART 304  
Printmaking II  
3 credit hours
A continuation in developing the students’ conceptual and studio skills in media and processes involved in relief, intaglio, serigraphy, and creative printmaking. (Class contact for lecture and studio—6 hours per week.)
Prerequisite: ART 204.
Course fee: $40.

ART 307  
Art History Survey III  
3 credit hours
A survey and topical study of issues in the nineteenth and twentieth century art of Europe and North America.
Course fee: $15.

ART 318  
Graphic Design II  
3 credit hours
Intermediate application of aesthetic principles to design media, including visual hierarchy, identity, organization, and artifacts with social and cultural implications across a wide variety of media. Development of conceptual understanding relating to the competencies and principles integral to design. Complex communication and usability problem solving via analysis and usability testing. Includes an introduction to the history, theory, and criticism of design. Assessment via written and verbal critiques, research, analysis, and descriptions of project-based work. (Class contact for lecture and studio—6 hours per week.)
Prerequisites: ART 218 and design technology requirement.
Course fee: $40.

ART 331  
Illustration  
3 credit hours
A course that provides students with the opportunity to produce five finished art pieces suitable for inclusion in their professional portfolios. Introduces students to various media in various formats, techniques, and dimensions aimed at different audiences. (Class contact for lecture and studio—6 hours per week.)
Prerequisites: Art 101, 105, 213, and 218.
Course fee: $40.

ART 333  
Watermedia  
3 credit hours
An introduction to various water media for producing a visual art product. Explores transparent water colors, egg-temperature, dyes, inks, polymer paints, and other water-based media through their characteristic properties. Fundamental techniques and painting elements are learned through experimentation with many different papers and other surfaces. Includes historical research covering the master artists in these fields. (Class contact for lecture and studio—6 hours per week.)
Course fee: $40.

ART 353  
Graphic Design Studio  
1.5 credit hours
Introduction to characteristic procedures relating professional practice via a studio environment. Problem solving, prototype development, usability testing, and technical delivery of diverse client-based projects. Assessment via written and verbal critiques, research, analysis, and descriptions of project-based work. (Class contact for studio—5 hours per week. Course can be repeated for credit for up to six hours.)
Prerequisites: ART 218, 318, and design technology requirement.
Course fee: $40.

ART 363  
Black and White Photography  
3 credit hours
A course in basic photographic procedure using black and white film with available light. Includes use of both camera and darkroom equipment, composition through the viewfinder of the camera and through the lens of the enlarger, development of film and paper, contact printing, cropping, and mounting. Also includes the application of visual devices (art elements and art principles) to photography. (Class contact for lecture and studio—6 hours per week.)
Prerequisites: Art 101, 102, and 213.
Course fee: $40.

ART 365  
Digital Photography  
3 credit hours
A course in basic photographic procedures using digital SLR camera and available light. Includes use of camera and digital equipment, composition through the viewfinder of the camera, output of images and paper, cropping, and mounting. Also includes the application of visual devices (e.g., art elements and art principles) to photography. (Class contact for lecture and studio—6 hours per week.)
Prerequisites: ART 101
Course fee: $40.

ART 378  
Motion Design  
3 credit hours
Intermediate and advanced application of moving images, animation, and interactive navigation across a diverse range of media. Development of visual and audible representation of movement to solve complex communication requirements. Assessment via written and verbal critiques, research, analysis, and descriptions of project-based work. (Class contact for lecture and studio—6 hours per week.)
Prerequisite: ART 218 and design technology requirement.
Course fee: $40.

ART 442  
Web Design  
3 credit hours
Intermediate and advanced application of two and three-dimensional design principles to web page and web site design. Includes perceptual, psychological, and functional conventions of electronic network media. Develops theoretical and technical multimedia design skills including HTML, CSS, FTP, multimedia integration and usability. Prerequisites: ART 218 and design technology requirement.
Course fee: $40.

ART 452  
Directed Study  
1-3 credit hours
Supervised study within a chosen discipline. Prerequisite: Permission of instructor.
Course fee: $40 for directed study in ceramics, photography, printmaking, and sculpture.
Course fee: $40 for ceramics, photo, print, and media.

ART 453  
Pacticum Infield Study  
3 credit hours
Student-oriented internship experience documenting the ability to work productively with teams using professional practices and project organization unique to the sponsor. Assessment via written and verbal critiques, research, analysis, and description of project-based work. (Class contact for studio—6 hours.)
Prerequisites: Art 353, advisor consent, and design technology requirement.
Course fee: $40.

ART 456  
Secondary Art Methods and Evaluation  
3 credit hours
The theory and processes of teaching art in the secondary school.

ART 462  
Elementary Art Methods and Evaluation  
3 credit hours
Theory and methods of teaching art in the elementary school. Presents specified projects for the elementary level.

ART 499  
Senior Project  
3 credit hours
A course with an emphasis on portfolio preparation and presentation. Prerequisite: Permission of department.
BIBLICAL ENGINEERING (BE)

BE 310 Biomedical Engineering Survey 3 credit hours
A survey course of the theory and principles of biosystems and biomedical instrumentation.
Prerequisites: EGR 221 and MAT 211.
Course fee: $55.

BE 450 Special Topics 3 credit hours
Courses of current interest.
Prerequisite: Instructor's approval.
Course fee: $55.

BE 495 Directed Study 1-3 credit hours
Directed study on problems of limited scope approved on an individual basis. May require written and/or oral presentation.
Prerequisites: Arrangement with professor and approval of department chair.

BIBLICAL STUDIES (BIB)

BIB 222 Old Testament Introduction 3 credit hours
A general introduction to the various books of the Old Testament dealing with the problems of canon, authorship, composition, date of writing, and providing some background in the cultural, historical, geographical, and archaeological setting in which the Bible events occurred.

BIB 251 Biblical Greek I 3 credit hours
The beginning course in the study of Biblical Greek, emphasizing grammar and basic vocabulary.

BIB 252 Biblical Greek II 3 credit hours
A continuation of Biblical Greek I with an emphasis on reading the Greek text of the New Testament and identifying grammatical forms. This completes the student's preparation for basic Greek exegetical and hermeneutical study of the New Testament.
Prerequisite: BIB 251.

BIB 261 New Testament Introduction 3 credit hours
A general introduction to the various books of the New Testament with an emphasis on content and an examination of questions such as authorship, source, reliability, and canonicity.

BIB 302 Historical Geography of the Holy Land 3 credit hours
A study of the geography and history of Palestine since antiquity, especially in relation to the nation of Israel and the Early Church.

BIB 306 Hermeneutics: Principles of Biblical Interpretation 3 credit hours
A study of the problems and methods of Biblical interpretation, including the factors of presuppositions, historical context, grammatical relationships, vocabulary, figurative language, and genre.

BIB 311 Biblical Hebrew I 3 credit hours
A basic introduction to Biblical Hebrew. Introduces students to the fundamentals of Biblical Hebrew grammar, morphology, and syntax. Also emphasizes developing reading skills in the Biblical text.

BIB 312 Biblical Hebrew II 3 credit hours
A continuation of Biblical Hebrew I with an emphasis on reading the Hebrew text of the Old Testament and identifying grammatical forms. This completes the student's preparation for basic Hebrew exegetical and hermeneutical study of the Old Testament.
Prerequisite: BIB 311.

BIB 319 Hebrew Exegesis 3 credit hours
An exegetical study of selected Old Testament passages. Attention is given to sound exegetical method and to critical problems and hermeneutics of the passages. Also studies doctrinal significance.
Prerequisite: BIB 312.

BIB 332 Old Testament Historical Books 3 credit hours
A study of the two major histories in the Old Testament and ancient Israel in its historical and cultural milieu. Concentrates on the period from the monarchy to the conquest of Palestine by the Romans. Gives attention to the religious institutions, worship, and formative theological ideas.
Prerequisites: BIB 222, 306, and THE 217.

BIB 346 Luke-Acts 3 credit hours
Prerequisites: BIB 261, 306, and THE 217.

BIB 351 Greek Exegesis I 3 credit hours
An intermediate study of New Testament Greek to develop reading vocabulary and exegetical skills through intensive study of selected passages in the Greek New Testament. (May be repeated for credit.)
Prerequisite: BIB 252.

BIB 352 Greek Exegesis II 3 credit hours
Exegetical study of selected portions of the Greek New Testament, applying and developing exegetical skills and knowledge of the language and content of the New Testament writings. (May be repeated for credit.)
Prerequisite: BIB 351.

BIB 362 Jesus and the Gospels 3 credit hours
A study of the life and teachings of Jesus Christ, as presented in the Gospels and early Christian literature.
Prerequisites: BIB 261, 306, and THE 217.

BIB 363 Eschatology and the Book of Revelation 3 credit hours
A study of Old and New Testament Teachings on eschatology, including those aspects of the Kingdom of God already present and those yet to be fulfilled. Specific attention is given to concepts such as Messiah, resurrection, tribulation, millennium, judgment, signs of the times, and Kingdom of God. (May be taken for either Old Testament or New Testament elective.)
Prerequisites: BIB 261, BIB 306, and THE 217.

BIB 364 The Pauline Epistles 3 credit hours
A study of the ministry and teachings of the Apostle Paul as recorded in the Pauline Epistles. The life setting of each letter is related to Paul's journeys described in the book of Acts. Special attention is given to the major theological themes of the epistles.
Prerequisites: BIB 261, 306, and THE 217.

BIB 372 Johanneine Literature 3 credit hours
An exegetical study of the Gospel and Epistles of John. The study explicates the literary and theological themes related to these books. Investigates key historical issues, such as authorship, date, and community.
Prerequisites: BIB 261, 306, and THE 217.

BIB 376 Hebrews and General Epistles 3 credit hours
An analysis of Hebrews, James, I and II Peter, and Jude, as seen in the light of their original historical settings and their relevance for today.
Prerequisites: BIB 261, 306, and THE 217.

BIB 421 Pentateuch 3 credit hours
A study of the first five books of the Bible, treating historical beginnings, content of the covenant, and worship. Introduces the student to the cultural, geographical, and historical milieu of the Pentateuch.
Prerequisites: BIB 222, 306, and THE 217.
**BIB 424 Hebrew Prophets**
3 credit hours
A study of the major and minor prophets and their writings. An introduction to the origin and development of prophecy among the Hebrews, a study of the Hebrew prophets who lived and preached in the nations of Judah and Israel during the first millennium B.C., and an examination of the historical, social, and religious implications of their message.
Prerequisites: BIB 222, 306, and THE 217.

**BIB 437 Psalms and Wisdom Literature**
3 credit hours
A study of the wisdom books of the Old Testament (Job, Proverbs, and Ecclesiastes) and of the action books (Psalms, Song of Solomon, and Lamentations). Emphasizes Hebrew poetry and its relation to other ancient literature, including Ecclesiasticus and Wisdom of Solomon.
Prerequisites: BIB 222, 306, and THE 217.

**BIB 438 Intertestamental Literature**
3 credit hours
A historical study of the intertestamental period with emphasis on readings from the literature of this period such as the apocrypha, pseudepigrapha, and the Dead Sea Scrolls. (May be taken for either Old Testament or New Testament elective.)
Prerequisites: BIB 222 and 261.

**BIB 455 Intensive Studies**
3 credit hours
Specialized program of research and development of knowledge and skills in the area of Biblical studies.
Prerequisites: BIB 222, 306, and THE 217.

**BIB 457 Honors Assistant Practicum**
3 credit hours
A practicum in which the student works one-on-one with an ORU teacher to improve skills in course preparation and administration, time management, tutoring, and communication. The student has opportunities to become involved with professional teaching and/or research on the baccalaureate level in Biblical literature, theology, and church ministries.

**BIB 499 Senior Paper**
3 credit hours
Designed research and writing project for seniors studying under the personal guidance of a professor, with each doing specialized research in Biblical literature.
Prerequisite: THE 217.

**BIO 101 Principles of Biology Lecture**
3 credit hours
A study of the main principles of life common to both plants and animals, including scientific methods, levels of organization, cell structure and function, photosynthesis, respiration, molecular and Mendelian genetics, reproduction, development, evolution, classification, behavior and ecology, and their appropriate applications for solving current biological problems. (Open to biology majors by permission. BIO 101 and BIO 111 may not both be taken for credit.)
Corequisite: BIO 101 Lab.

**BIO 101 Principles of Biology Laboratory**
1 credit hour
Lab exercises, experiments, and audiovisual presentations involving cells, respiration, photosynthesis, classical and molecular genetics, protein synthesis, enzyme action, reproduction, development, behavior, and ecology.
Corequisite: BIO 101 Lecture.
Lab fee: $25.

**BIO 111 Introductory Biology I Lecture**
3 credit hours
An introduction to the study of general biology covering the scientific method, levels of organization, the cell, photosynthesis, respiration, classical and molecular genetics, and vertebrate anatomy and physiology. (Designed for biology majors and minors and pre-health profession majors. BIO 101 and BIO 111 may not both be taken for credit.) (Honors sections are available for this course.)
Corequisite: BIO 111 Lab.

**BIO 111 Introductory Biology I Laboratory**
1 credit hour
A course designed to complement and supplement BIO 111 Lecture. Student learns by handling glassware, chemicals, organisms, and equipment; by observing, forming hypotheses, conducting experiments, analyzing data, and making conclusions; and by working in a more individualized atmosphere than is possible in the classroom. Includes dissection of a fetal pig. (Honors sections are available for this course.)
Corequisite: BIO 111 Lecture.
Lab fee: $25.

**BIO 112 Introductory Biology II Lecture**
3 credit hours
An introduction to the taxonomy and characteristic structural and functional attributes of plants, invertebrates, and vertebrates. Includes evolution, ecology, and behavior. (Honors sections are available for this course.)
Prerequisite: One semester of biology.
Corequisite: BIO 112 Lab.

**BIO 112 Introductory Biology II Laboratory**
1 credit hour
One-3 hour lab session each week devoted to the comparison, manipulation, identification, and dissection of selected specimens representative of different plant or animal groups. (Honors sections are available for this course.)
Corequisite: BIO 112 Lecture.
Lab fee: $25.

**BIO 200 Human Cadaver Dissection**
1 credit hour
An introductory laboratory course that presents the techniques and skills necessary to study the structure of the human organism. Models and cadavers are used for the dissection and study of the skeletal, muscular, cardiovascular, urinary, respiratory, endocrine, nervous, reproductive, gastrointestinal, and lymphatic systems. (Meets for one 3-hour lab per week. Does not count toward a major in biology.)
Prerequisite: 3.0 GPA, declared major with pre-med concentration, and permission of instructor.
Lab fee: $100.

**BIO 212 Principles of Microbiology Laboratory**
3 credit hours
A study of the characteristics and importance of microorganisms with emphasis on their pathogenicity, control and relationships to health and disease designed for nursing majors. (This course does not count as upper division biology credit.)
Prerequisites: One semester each of general biology and chemistry, both with labs.
Corequisite: BIO 212 Lab.

**BIO 212 Principles of Microbiology Laboratory**
1 credit hour
An introduction to microbiology lab techniques including isolation, cultivation, characterization, and identification of micro-organisms designed for nursing majors. This course does not count as upper division biology credit. (Two 2-hour lab periods per week.)
Corequisite: BIO 212 Lecture
Lab fee: $50

**BIO 251 Ozark Region Field Course**
3 credit hours
A team-taught, interdisciplinary, summer field course utilizing the natural environment of northeast Oklahoma and northwest Arkansas.
Prerequisite: Permission from instructors.
Lab fee: $25

**BIO 259 Scientific Terminology**
2 credit hours
Studies Greek and Latin word roots, prefixes, and suffixes commonly used in biology, science, medicine, dentistry, pharmacy, and other health professions.
Prerequisite: Permission of instructor.

**BIO 310 Microbiology Lecture**
3 credit hours
A study of the classification, cultivation, physiology, growth, morphology, pathogenicity, and economic importance of micro-organisms, with emphasis on bacteria.
Prerequisites: One semester each of general biology and chemistry, both with labs; BIO 370.
Corequisite: BIO 310 Lab.

**BIO 310 Microbiology Laboratory**
1 credit hour
An introduction to microbiology lab techniques including isolation, cultivation, characterization, and identification of micro-organisms. (Two 2-hour lab periods per week.)
Corequisite: BIO 310 Lecture.
Lab fee: $100.
Course Descriptions

BIO 311 Genetics Lecture
3 credit hours
An introduction to the principles of heredity including Mendelian, molecular, and population genetics with an emphasis at the molecular level.
Prerequisite: One year of biology and BIO 370 required; statistics recommended.
Prerequisite: BIO 370.
Corequisite: BIO 311 Lab.
BIO 311 Genetics Laboratory
1 credit hour
An opportunity to make crosses using Drosophila and other organisms, analyze data, and form conclusions. Other experiments demonstrate and complement the information being taught in the lecture portion.
Prerequisites: One year each of general chemistry and introductory biology, both with labs.
Corequisite: BIO 311 Lecture.
Lab fee: $100.
BIO 312 Ecology Lecture
3 credit hours
A study of the interrelationships of plants and animals (including humans) with their environments. Topics include the ecosystems concept, biogeochemical cycles, energy flow, environmental factors, behavior, populations, communities, major ecosystems of the world, and Christian earthkeeping.
Prerequisites: One year each of general chemistry and introductory biology (with lab).
Corequisite: BIO 312 Lab.
BIO 312 Ecology Laboratory
1 credit hour
Field and lab investigations of both terrestrial and aquatic ecosystems on a quantitative basis. (One 4-hour lab period per week.)
Corequisite: BIO 312 Lecture.
Lab fee: $50.
BIO 360 Readings in Biology
1 credit hour
Directed readings and reports on topics of special interest to the student and approved by the instructor.
Prerequisites: One course in biology and permission of the instructor.
BIO 370 Methods in Biotechnology
1 credit hour
Introduction to the latest cutting edge techniques used in the field of biotechnology. Laboratory activities include isolation and characterization of bacterial DNA, basic processes of DNA transfer, DNA fingerprinting, DNA sequencing, Polymerase chain reaction (PCR), tissue culture, Enzyme Linked Immuno-sorbent Assay (ELISA), and bioinformatics.
Prerequisite: Junior or senior biology major or minor.
Lab fee: $100.
BIO 372 Introduction to Biological Research
1 credit hour
A course designed to introduce junior biology majors to scientific research. Introduces students to the nature of science and its methods and teaches the distinction between a “library” and “experimental” research proj-
ect. Students then select a research topic, a research director, and an advisor for the senior research project.
BIO 411 Molecular Cell Biology Lecture
3 credit hours
An introductory survey of biological processes of prokaryotic and eukaryotic cells with special emphasis on the structure and function relationships, current biochemical theory and techniques, and the molecular basis of genetics and heredity.
Prerequisites: CHE 111 and 112 lectures and labs; BIO 111 and 112 lectures and labs; BIO 370.
Corequisite: BIO 411 Lab.
BIO 411 Molecular Cell Biology Laboratory
1 credit hour
Introduction to modern techniques frequently used in the study of molecular biology. Lab techniques studied include native gel electrophoresis, protein fingerprinting, peptide mapping, SDS-PAGE, Western blotting, restriction digestion of plasmid DNA, cell fractionation and subcellular organelle isolation, DNA extraction, and DNA gel electrophoresis.
Corequisite: BIO 411 Lecture.
Lab fee: $100.
BIO 421 General and Comparative Physiology Lecture
3 credit hours
Studies basic physiological principles, as exhibited by various mechanisms in different animals. Functions considered in the course include permeability, excitability, energy production, maintenance of health, and production of offspring.
Prerequisites: One year each of general biology and general chemistry both with labs. BIO 370.
Corequisite: BIO 421 Lab.
BIO 421 General and Comparative Physiology Laboratory
1 credit hour
Studies how internal and external conditions affect body functions of different organisms including the human. (One 3-hour lab per week.)
Corequisite: BIO 421 Lecture.
Lab fee: $50.
BIO 429 Secondary Methods: Science
3 credit hours
A course designed to prepare science education students with ideas and practical knowledge for the classroom. Focuses on materials and methods of teaching biology, chemistry, physics, and physical science.
BIO 431 Developmental Biology Lecture
3 credit hours
A study of the ontogeny, morphogenesis, genetic and environmental factors, aggregation, differentiation, hormonal controls, and coordination of both plant and animal development.
Prerequisites: One year each of general biology and general chemistry; BIO 370.
Corequisite: BIO 431 Lab.
BIO 431 Developmental Biology Laboratory
1 credit hour
One 3-hour lab session per week with equal emphasis and time given to the study of prepared microscope slides and experimental manipulation of living, developing chickens, frogs, and sea urchins.
Corequisite: BIO 431 Lecture.
Lab fee: $100.
BIO 451 Biology Seminar
1 credit hour
Provides an opportunity for seniors to make a professional presentation of their senior project. Each presentation is evaluated by student, peers, and faculty. Includes an assessment of overall biological knowledge by requiring the standardized ETS Biology Field Test.
Prerequisites: Biology major and senior standing.
Test fee: $30
BIO 454 Special Topics
1-4 credit hours
Selected topics in biology not covered in the core curriculum. A course designed for use by one student or groups under the guidance of a faculty member to study selected topics in biology that are not available by title in the catalog. (May be repeated once for credit if subject matter is different.)
Prerequisite: Junior or senior biology majors or by consent of department chair and instructor.
Lab fee: $50.
BIO 456 Bioethics
2 credit hours
A capstone course for junior and senior biology students. Deals with ethical aspects of current biological technologies and issues such as creation-evolution, genetic engineering, biomedical issues, human population control, and environmental ethics, from a Christian perspective.
Prerequisite: 16 hours of biology.
BIO 457 Principles of Immunology Lecture
3 credit hours
A study of the basic biological concepts of immunology, which are fundamental to the participation in modern medicine, whether it be as a nurse, medical technologist, or physician. Presents immunology, a biological science, from the viewpoints of developmental biology, molecular biology, genetics, biochemistry, microbiology, anatomy, and medicine.
Prerequisites: BIO 310 lecture and lab and CHE 211 with a grade of "C" or better; BIO 370. Biochemistry, molecular cell biology, or genetics courses are recommended.
Corequisite: BIO 457 lab.
BIO 457 Principles of Immunology Laboratory
1 credit hour
Designed to allow students the opportunity to utilize the theories and concepts of immunology in practical, experimental projects. Emphasizes techniques involving serial dilutions, precipitation and agglutination reactions, nitrocellulose and gel electrophoresis, gel diffusion, isolation and identification of B-lymphocytes and T-lymphocytes, immunoadfinity-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.

BUS 099
Business Seminar
0 credit hour
Selected topics such as organizational behavior, human relations development, marketing, management, finance, accounting, computer applications, and international relations. (Undergraduate students in the School of Business need to take two of these seminars. One in the freshman year and one during senior year is recommended.) (Pass/fail only.)

BUS 201
Principles of Economics I (Macroeconomics)
3 credit hours
An overview of basic economic concepts and institutions. Modern national income formation theory; economic fluctuations, money, banking, monetary and fiscal policy; economic stabilization theory and policy; the public sector, aggregate demand, aggregate supply, Keynesian Theory, monetary theory; theory of economic growth and development; and comparative economic systems.

BUS 202
Principles of Economics II (Microeconomics)
3 credit hours
Theory of markets, price mechanism, production, distribution, and resource allocation; application of marginal analysis and equilibrium theory to the price and output decisions of the individual firm in pure competition; monopolistic competition, oligopoly, and monopoly; agriculture; labor, rent, interest, and profit theory; international trade; the economics of change.
Prerequisite: BUS 201.

BUS 325
Business Law I
3 credit hours
An introductory course of a two-semester study of law as it affects business and commerce in the United States. The scope and study include an overview of the development and function of law—jurisprudence and procedure—as well as the basic features of constitutional law; criminal law, torts, contracts, and property. Law is approached as a set of “enforceable rights.”
Prerequisites: BUS 202 and senior standing.

BUS 326
Business Law II
3 credit hours
A continuation of BUS 325 with emphasis upon the Uniform Commercial Code, the Uniform Consumer 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 999
1-6 credit hours
Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)
Prerequisite: Approval by petition to department chair.

COMMUNICATION, ARTS, AND MEDIA (CAM)

CAM 426
Communication Seminar
3 credit hours
Designed to provide an opportunity for students and faculty to explore innovative ideas and subjects emerging within the communication discipline. Content may change from session to session and range from business speaking to costume history.

CAM 451
Communications Internship
1-3 credit hours
An arranged program of activities with a local employer for the development of communication skills in a job environment. Credit varies according to the job description. Prerequisites: Junior or senior standing and consent of the department.

CAM 453
Directed Study and Research
1-3 credit hours
A collaboration between student and professor on an approved topic. Content varies. Prerequisites: Junior or senior standing and consent of the department.

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

CHRISTIAN CARE AND COUNSELING (CCC)

CCC 301
Introduction to Christian Caregiving
3 credit hours
A study designed to examine the caring aspect of the Christian life from theoretical, theological, and practical perspectives. Implements the integration of the theoretical and theological perspectives with practical experiences and evaluation. (Offered only through distance learning.)

CCC 303
Issues and Identity of the Caregiver
3 credit hours
A study of the ethics, values, and litigation that affect the counseling field and professionals in that field. Examines the role of the professional counselor. (Offered only through distance learning.)

CCC 321
Christian Approaches to Counseling
3 credit hours
A study designed to acquaint students with the four basic paradigms of Christian counseling: insight-oriented, behavior, cognitive, and faith healing. The philosophical assumptions and uses of specific techniques with each are explored. (Offered only through distance learning.)

CCC 324
Foundations of Personality Development
3 credit hours
A study of the principal interpretations of personality development, description, dynamics, and determinants. (Offered only through distance learning.)
Prerequisite: PSY 201.

CCC 332
Lifespan Development
3 credit hours
A study of human behavior in the social environment and the effect that environmental and psychological variables have upon the development of humans from conception to death. Gives special attention to the development of behaviors, attitudes, and problems specific to different subcultural and age groups, including the elderly. (Offered only through distance learning.)

CHE 101
Principles of Chemistry Lecture
3 credit hours
An introductory course requiring no prior background in chemistry. Emphasizes applying chemical principles to everyday situations and acquaints the student with the periodic table and chemical nomenclature.
Corequisite: CHE 101 Lab.

CHE 101
Principles of Chemistry Laboratory
1 credit hour
A lab experience that provides the student with an opportunity to apply the scientific method focusing on the relationship of chemistry to daily life. (One-hour recitation per week immediately followed by a 3-hour lab. This is a writing intensive course.)
Corequisite: CHE 101 Lecture.
Lab fee: $45.

CHE 111
General Chemistry I Lecture
3 credit hours
An 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 111 Lab.

CHE 111
General Chemistry I Laboratory
1 credit hour
A laboratory study of the properties of elements and simple covalent and inorganic materials. Measures physical and chemical properties. Experiments are conducted in stoichiometry, gas laws, atomic line spectra, replacement reactions, and others. (One hour recitation per week immediately followed by a 3-hour lab.) Prerequisite: One year of high school chemistry or permission based on placement test.
Corequisite: CHE 111 Lecture.
Lab fee: $45.
CHE 112
General Chemistry II Lecture
3 credit hours
Continues the basic study of the physical and chemical properties of matter. Topics include thermodynamics, kinetics, equilibrium, colligative properties, and electrochemistry.
Prerequisites: CHE 111 Lecture and Lab.
Lab fee: $45.
Corequisite: CHE 112 Lab.

CHE 112
General Chemistry II Laboratory
1 credit hour
Provides an opportunity to correlate the physical and chemical properties of different substances with concepts examined in the lecture. Experiments are conducted in kinetics, calorimetry, electrochemistry, and solutions. (One hour recitation per week immediately followed by a 3-hour lab. Honors sections are available for this course.)
Prerequisites: CHE 111 Lecture and Lab.
Corequisite: CHE 112 Lecture.
Lab fee: $45.

CHE 211
Organic Chemistry I Lecture
3 credit hours
An introduction to organic reactions and mechanisms. Course includes a review of general chemistry, alkenes, amines, alcohols, and polymers.
Prerequisites: CHE 112 Lecture and Lab.
Corequisite: CHE 211 Lab.

CHE 211
Organic Chemistry I Laboratory
1 credit hour
An introduction to methods of synthesis and analysis of pertinent organic reaction types. Project sessions give the student adequate training in the use of organic lab techniques and report writing. (One hour recitation per week immediately followed by a 3-hour lab.)
Prerequisites: CHE 112 Lecture and Lab.
Corequisite: CHE 211 Lecture.
Lab fee: $45.

CHE 212
Organic Chemistry II Lecture
3 credit hours
A treatment of organic reactions and mechanisms as applied to synthesis. Gives special emphasis to spectroscopic methods of molecular structural identification. Emphasizes the major functional groups and aren chemistry.
Prerequisites: CHE 211 Lecture and Lab.
Corequisite: CHE 212 Lab.

CHE 212
Organic Chemistry II Laboratory
1 credit hour
Emphasizes the analysis of unknown organic mixtures. These mixtures are representative of the major functional group differences. Uses various spectroscopic instrumental methods in the analysis, (NMR, IR, UV, and mass spectrometry). (One hour recitation per week immediately followed by a 3-hour lab.)
Prerequisites: CHE 211 Lecture and Lab.
Corequisite: CHE 212 Lecture.
Lab fee: $45.

CHE 300
Quantitative Analysis Laboratory
2 credit hours
A study of inorganic and organic analyses based on chemical equilibrium as applied to chromatography, solubility, titrimetry, spectrophotometry, and electrochemistry.
Prerequisites: CHE 112 Lecture and Lab.
Corequisite: CHE 300 Lab.

CHE 300
Quantitative Analysis Laboratory
2 credit hours
An examination of quantitative methods of analysis of inorganic, organic, and biological samples. Integrates modern instrumentation (ultraviolet-visible spectrophotometry, potentiometric titration, and liquid chromatography) into the analyses. (Two 3-hour labs per week.)
Prerequisites: CHE 112 Lecture and Lab.
Corequisite: CHE 300 Lecture.
Lab fee: $45.

CHE 303
Physical Chemistry I Lecture
3 credit hours
The mathematical modeling of chemical systems, including derivations and limitations of equations. Systems studied include gases, kinetics, and thermodynamics of chemical reactions and equilibrium.
Prerequisites: CHE 212 Lecture and Lab and MAT 201.

CHE 303
Physical Chemistry I Laboratory
1 credit hour
Lab sessions in computer modeling of physical systems as well as a study of physical characteristics of molecules with IR, NMR, and UV spectroscopy emphasized. (One 3-hour lab per week.)
Prerequisites: CHE 303 Lecture.
Lab fee: $45.

CHE 304
Physical Chemistry II
3 credit hours
An in-depth study of the thermodynamics and kinetics of chemical reactions with an emphasis on current tools of research employed in understanding reaction mechanisms and physical characteristics of molecules.
Prerequisites: CHE 303 Lecture.

CHE 400
Chemical Instrumentation Lecture
2 credit hours
The practical and theoretical investigation of principles, operating parameters, and applications of instruments used for chemical analysis. Gives special attention to electrochemistry and spectrosopy.
Prerequisites: CHE 300 Lecture and Lab.
Corequisite: CHE 400 Lab.

CHE 400
Chemical Instrumentation Laboratory
2 credit hours
Emphasis on projects that elucidate the lecture material along with pertinent electronic experiments. Most of the experiments are in spectrosopy, radiochemistry, thermal analytical methods, and special topics. (Two 3-hour labs per week.)
Prerequisites: CHE 300 Lecture and Lab.
Corequisite: CHE 400 Lecture.
Lab fee: $45.

CHE 449
Chemistry Research Laboratory
1 credit hour
A coverage of the scientific method, problem selection, and proposal writing. Students begin their project bibliography and write a project proposal. (One hour recitation per week immediately followed by a 3-hour lab.)
Prerequisites: CHE 212 Lecture and Lab; CHE 400 Lecture and Lab.
Lab fee: $45.

CHE 452
Seminar
1 credit hour
A study of research methods. Attention is given to the American Chemical Society's style guide for professional presentation techniques. Students give a formal presentation of the results of their projects.
Prerequisite: CHE 499.

CHE 454
Recombinant DNA Technology
3 credit hours
A study of the structural, chemical, and physical characteristics of DNA and protein synthesis. Discusses molecular biology of the gene and the cell along with the recent advancement of recombinant DNA technology.
Prerequisites: CHE 212 Lecture and Lab.

CHE 455
Oncological Chemistry
3 credit hours
Examines the causes of cancer, the chemistry of approved anti-cancer drugs, mechanisms of interaction with the body, side effects, classifications of drugs, and environmental carcinogens.
Prerequisites: CHE 212 Lecture and Lab; one year of biology.

CHE 456
Inorganic Chemistry
3 credit hours
Examines bonding, structure, and reactions of coordination complexes. Discusses acid-base theories, homogeneous catalysis, and heterogeneous catalysis.
Prerequisite: CHE 212 Lecture and Lab.

CHE 458
Chemistry Internship
1-4 credit hours
Student involvement in an industrial or academic internship that is approved, planned, and documented.
Prerequisite: CHE 400 Lecture and Lab.

CHE 459
Biochemistry Lecture
3 credit hours
An introductory study of biochemistry with emphasis on intermediate metabolism. Topics include protein structure and function, enzyme kinetics, the major metabolic pathways, and integration of metabolism. (Highly recommended for all those planning to take the MCAT, PCAT or DCAT.)
Prerequisite: CHE 212 Lecture and Lab.

CHE 459
Biochemistry Laboratory
1 credit hour
An introduction to basic laboratory techniques for biochemistry. Topics include protein assays, protein purification, kinetics of enzyme catalyzed reactions, spectroscopy, centrifugation, dialysis, electrophoresis, and chromatography.
Prerequisites: CHE 459 Lecture
Lab fee: $45.

CHE 471
Structure and Bonding
3 credit hours
A study of the fundamental basis of all chemistry—the chemical bond and molecular structure. Places emphasis on developing a modern understanding of bonding and modeling theories. Gives the student practical
experience in using current molecular modeling software and its application towards solving problems of modern chemical, medical, and biochemical research and practice.

Prerequisite: CHE 303 Lecture.

CHE 473 Medicinal Chemistry
3 credit hours
Emphasis on organic reactions and reaction mechanisms, selected heterocyclic chemistry, polymer chemistry, nucleic acid chemistry, chemistry of pesticides, drugs of use and abuse, biogenic amines, biosynthesis, and relevant mechanistic concepts.

Prerequisites: CHE 212 Lecture and Lab.

CHE 474 Environmental Analysis
3 credit hours
Focuses on acids, bases, and chemical equilibria pertaining to the chemistry of the environment and modern methods of analysis.

Prerequisites: CHE 212 Lecture and Lab.

CHE 499 Individual Research and Senior Paper
3 credit hours
Directed individual study in research and writing required for the senior paper.

Prerequisite: Senior chemistry or biomedical chemistry major; CHE 400 Lecture and Lab; CHE 449.
Lab fee: $45.

CHE 999 1-6 credit hours
Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Prerequisite: Approval by petition to department chair.

CHURCH MINISTRIES (CHRM)

CHRM 203 Foundational Approaches to Pastoral Care
3 credit hours
Examines leading theories of human behavior and accompanying intervention strategies for change and growth. Study includes assessment of each theory's suitability/ adaptability for use in Christian ministry.

Prerequisite: PSY 201.

CHRM 302 Christian Leadership
3 credit hours
Provides the student with an understanding of the nature of Christian leadership and how to develop as a leader called to serve the body of Christ. Designed to help students discover how they are to live their lives in such a way that they become the Gospel in every person's world. A guided self-study into one's calling. Includes discussion of what it means to be called and what is Jesus' model of leadership as well as other Biblical and modern models of leadership.

Prerequisite: Sophomore standing or above.

CHRM 303 Curriculum Development
3 credit hours
A study of curriculum theory and principles involving the student in the preparation, evaluation, and selection of instructional materials for the educational ministries of the church. Includes the church's total planning, curricular and extracurricular, and the utilization of resources for the healthy growth of the whole person.

CHRM 304 Introduction to Christian Education
3 credit hours
A study of the basic principles and practices of organizing, 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 and 261.

CHRM 306 Pastoral Ministry Skills
3 credit hours
Training provided in the basic attending skills necessary for lay counseling and pastoral care.

Prerequisite: CHRM 203.

CHRM 307 Urban and Outreach Ministries
3 credit hours
Examines Christ's life as a Biblical model for ministry. His teaching and example have special relevance for those who serve the poor. A scriptural, theological, and experiential perspective for mission outreach among the world's poor. Course study uses Biblical, theological, and contemporary practice resources.

Prerequisite: Sophomore standing or above.

CHRM 310 Youth Culture and Faith Development
3 credit hours
Seeks to develop an advanced understanding of the culture of young people and how to minister to adolescents in the throes of the physical, social, educational, and faith development issues. This course recognizes that youth ministry is cross-cultural and endeavors to consider and discover new ways to equip adolescents to live as fully functional Christian adults.

Prerequisite: Junior or senior standing.

CHRM 311 Prayer Ministry of the Caregiver
3 credit hours
Study of the purpose of prayer and of the Biblical and traditional patterns of prayer useful in applied pastoral care giving and in the development of the caregiver's personal spiritual life.

CHRM 312 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 formal interaction with scripture overflowing into service to others.

CHRM 313 Prayer Ministry of the Caregiver
3 credit hours
Acquaints students with philosophy, methods, and resources suitable for those in professional or lay ministry, equipping students for application of knowledge and skills to a broad range of pastoral settings.

Prerequisite: Must not be majoring in pastoral care.

CHRM 315 Pastoral Care
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 experiential 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: $50.

CHRM 317 Introduction to Youth Ministry
3 credit hours
An overview of youth ministry within the local church including foundations for ministry, roles and relationships of the youth minister, and administrative principles and strategies.

Prerequisite: Sophomore standing or above.

CHRM 335 Introduction to Evangelism
3 credit hours
Explores the Biblical, theological, ethical, and sociological foundations and implications of the Great Commission. Introduction to several presentations of the Gospel while challenging students to formulate their own Gospel presentation fit for a variety of cultural settings. Encourages students to be aware of the philosophical presuppositions that influence their personal proclamation and living out the Gospel.

Prerequisite: Sophomore standing or above.

CHRM 338 Prayer-Based Ministry in the 21st Century
3 credit hours
Provides students the opportunity to explore the Christian spiritual prayer practice, discovering their powerful value in this postmodern era. Seeks to sharpen critical thinking skills and assist students in creatively determining ways to reach the postmodern world with the Gospel.

CHRM 340 Sermon Preparation and Preaching
3 credit hours
A study of the fundamentals of preaching. Gives attention to the Biblical perspectives of preaching and the principles of sermon construction, as well as to the delivery of the sermon.

Prerequisites: BIB 222, 261, 306, and THE 217; junior or senior standing.

CHRM 398 Ministry Practicum
3 credit hours
Supervised ministry in a local church or ministry setting under the auspices of an assigned mentor. The supervised activities are ministries in areas of the student's gifts and call as well as those meeting church needs.

Prerequisites: Junior or senior standing; summer or semester just prior to writing senior paper.
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 relationships 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 462

Spiritual Formation in Pastoral Care II

3 credit hours

Assists students in intentional growth in ministry, expanding their knowledge, experience, and vision. Students must have had academic exposure to helping skills and approaches and their uses in varied ministry settings. Prerequisites: CHRM 203, 306, and 315; permission of instructor.

CHRM 430

Local Church Outreach

3 credit hours

Focuses on the practice of evangelism in the local church, exploring what it means for the church to be in mission to the unchurched. Prerequisite: Sophomore standing or above.

CHRM 431

Media and Technology in Ministry

3 credit hours

A broad study of the various types of mass communication media and technology and their practical use in evangelism and local church ministry. Provides the student with a set of contemporary media technology skills compatible with post-modern Christianity. Prerequisite: Sophomore standing or above.

CHRM 440

Advanced Preaching

3 credit hours

Develops advanced skills in the art of sermon writing and preaching. Students work in the preaching lab, developing homiletic 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.

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CHRM 455

Intensive Studies

3 credit hours

Investigation of selected issues in the practices of min-
**COMPUTER ENGINEERING (CMPE)**

**CMPE 312**

Computer Networks and Communications  
3 credit hours  
An introduction to the growing areas of computer networks and communications. Topics include ISDN, LANs, fiber optics, and bridges with a detailed study of OSI protocols.  
Prerequisite: Senior standing in CMPE or EE.  
Course fee: $35.

**CMPE 340**

Digital Systems Design Lecture  
3 credit hours  
Design of combinational and sequential logic circuits. Design of practical digital circuits using PAL, PLA and FPGA. Application of VHDL in design.  
Corequisite: CMPE 340 Lab.

**CMPE 340**

Digital Systems Design Laboratory  
1 credit hour  
Corequisite: CMPE 340 Lecture.  
Lab fee: $55.

**CMPE 441**

Microprocessor Systems Design  
3 credit hours  
Introduction to Intel-8085 microprocessor, its architecture, instructions, and assembly-level language programming techniques. Interfaces Intel-8085 with peripheral devices, study, and use of Intel-8085 cross-assembler and simulator. Incorporates lab experience in the course.  
Prerequisites: CMPE 340 Lecture and Lab.  
Course fee: $35.

**CMPE 443**

Computer Architecture  
3 credit hours  
A study of the evolution of computer architecture and the factors influencing the design of hardware and software elements of computer systems. Topics may include instruction set design, processor implementation techniques, and I/O and interrupts. Also includes advanced architectural features, pipelining, virtual memory, cache memory, and concepts of operating systems.  
Prerequisite: CMPE 441.  
Course fee: $35.

**CMPE 450**

Special Topics  
3 credit hours  
Courses of special interest. Topics vary.  
Course fee: $35.

**CMPE 495**

Directed Study  
1-3 credit hours  
Directed study of problems of limited scope approved on an individual basis. May require written and/or oral presentation.  
Prerequisites: Arrangement with professor and approval of department chair.

**CMPE 999**

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

**COMMUNICATION ARTS (COM)**

**COM 101**

Oral Communication  
3 credit hours  
An investigation of basic principles of communication and their application to intrapersonal, interpersonal, small group, and public communication. (Honors sections are available for this course.)  
Course fee: $5.

**COM 102**

Voice, Diction, and Phonetics  
3 credit hours  
The study of voice production and phonetics. Topics include the purpose of vocal production, the characteristics of good speech, the identification, evaluation, and correction of improper speech sounds, and the individual analysis of and drill to correct inadequacies of vocal production and vocal variety. Involves exercises and activities to correct specific voice 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 103**

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 202**

Oral Interpretation of Literature  
3 credit hours  
Analysis of prose, poetry, and drama for emotional and intellectual meaning, with reference to the author’s background, philosophy, and intent. Application of the principles of oral presentation to the interpretation and recreation of that meaning for various audiences.

**COM 203**

Interpersonal Communication  
3 credit hours  
A study of the theory and practice of communication skills in at least three areas: functional intelligence, social decision-making, and self-expression. Encourages a Biblical whole-life approach to communication, acknowledging the integration of body, mind, and spirit into the interpersonal experience. Gives special attention to the application of theory to life situations.  
Prerequisite: COM 101.

**COM 250**

Forensics  
1 credit hour  
Focuses on teaching the students presentation skills in readers’ theatre and prose and poetry reading. Includes presentations of literature that do not depend on costumes, sets, and extensive special effects in sound and lighting.  
Prerequisite: COM 101.

**COM 251**

Organizational/Interpersonal Seminar  
1 credit hour  
A seminar including pertinent subjects, guest speakers from the organizational/interpersonal industry, demonstrations, exercises, field trips, and experiences that are outside the scope of standard organizational/interpersonal courses.

**COM 260**

Debate and Tournament Directing  
2 credit hours  
Designed to teach communication education majors how to teach forensics and organize a school forensics squad. Provides training and participation in campus and intercollegiate communication activities. Focuses on teaching students presentation skills covered in forensic competition, such as prose reading, poetry reading, oratory, extemporaneous speaking, dramatic duo, communication analysis, dramatic and humorous presentations, and readers’ theatre. Experiences range from individual speaking and debate activities to managing tournaments and developing business and church communication. Includes church presentations of literature that do not depend on costumes, sets, and extensive special effects in sound and lighting.  
Prerequisites: COM 250 and 309.

**COM 300**

Organizational Communication  
3 credit hours  
A study of the theory and practice of organizational communication skills including assumptions, processes, roles, relationships, and responsibilities. Addresses skills and applications of organizational communication. Focuses on the analysis of an organization of the student’s choice and on the understanding and completion of a communication needs assessment with an organization in the Tulsa area.  
Prerequisite: COM 101 or consent of instructor.

**COM 302**

Advanced Public Speaking  
3 credit hours  
Instruction in the theory and practice of public speaking skills in a broad range of situations. Emphasis is on formulation and presentation skills and public speaking as a vehicle for the discovery and artful presentation of truth, the promotion of responsible personal development, and the encouragement of constructive social action. Each speech needs to reflect Christian principles and present ethical ways to enhance audience participation and acceptance.  
Prerequisite: COM 101.  
Course fee: $10.

**COM 309**

Argumentation and Persuasion: Theory and Practice  
3 credit hours  
An examination of reasoning skills with an emphasis on many of the fallacies used in argumentation today. Covers debate, both Lincoln/Douglas and cross examination, and explores the tactics of persuasion used by advertisers in both the print medium and television.  
Prerequisite: COM 101.

**COM 322**

Interviewing  
3 credit hours  
The theory and practice of developing interviewing skills appropriate to a broad range of situations. Emphasis is on the interview as a communication process, a tool for management of communication effectiveness, a means of collecting and disseminating information by means of the media, and a strategy for research.  
Prerequisite: COM 101.
COM 342
Communication Theory
3 credit hours
A study of theories of communication, including intraper-
sonal, interpersonal, organizational, mass communica-
tion, nonverbal, and rhetorical. Encourages application
of these theories to the present day situation so that stu-
dents gain a greater understanding of all areas of com-
munication and how each theory influences their lives.
Prerequisite: COM 101 or consent of instructor.

COM 409
Gender and Family
3 credit hours
An examination of interpersonal and intrapersonal
communication theories in light of current societal and
historical Biblical considerations concerning gender
and family relationships. Allows for an integration of
theory and practicality in the communication process
with special attention to the Christian responsibility
of both the male and female and their roles in the family.
Compares current research concerning the communi-
cation 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 infor-
mation-seeking and problem-solving. Includes exami-
nation of leadership styles. Students organize confer-
ences and present seminars. Prerequisite: COM 101.

COM 412
Training and Development
3 credit hours
A theoretical and practical study of various training tech-
niques, the field of training, how training is used in indus-
try today, and the elements that constitute successful
training in the development of successful organizations.
Prerequisite: COM 300.
Course fee: $10.

COM 444
Advanced Interpersonal Communication
3 credit hours
An examination of conflict reduction, listening, nonver-
b al communication, proxemics, self-disclosure, self-
estee m e, and other facets of interpersonal communica-
tion 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 prepara-
tion and delivery of both mediated and unmediated
speeches and covers both technical and non-technical
presentations. Addresses communicating in the board-
room, 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 edu-
cation students with ideas and practical knowledge for
the classroom. Focuses on materials and methods of
teaching speech, drama, and related subject areas.

COM 498
Senior Paper Preparation
1 credit hour
Discussion and exploration of possible topics and a
review of research techniques and methods.
Prerequisites: Must be within three semesters of grad-
uation; 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 499
1-6 credit hours
Course transferred to apply to an ORU major or minor.
(More than one course can be transferred under this
number.)
Prerequisite: Approval by petition to department chair.

COMPOSITION (COMP)

COMP 101
College Reading and Writing
3 credit hours
Focuses on writing in response to readings and activi-
ties and on organization of essay writing, such as nar-
ration, 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

COMP 102
Reading and Writing in the Liberal Arts
3 credit hours
Writing based on selected readings. Emphasizes ana-
lytical thinking, critical reading, and ethical incorpo-
ration of sources. Includes a research paper. (This is the first
of two reading and writing courses required in the gen-
eral education curriculum. Honors sections are avail-
able for this course.)
Prerequisite: SAT Verbal score of at least 500 on tradi-
tional version; ACT English score of at least 22; TOEFL
score of at least 550 on the written exam, completion of
COMP 101 with at least a “C”; or 70% on ORU place-
ment exam (available only for students without scores or
COMP 101 grades).

COMP 303
Critical Reading and Writing
3 credit hours
An advanced writing course emphasizing writing skills
such as analysis, synthesis, and critique. Uses repre-
sentative 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 gen-
eral education curriculum. Honors sections are avail-
able for this course.)
Prerequisites: Junior standing and COMP 102 or equiva-
 lent.

COMPUTER SCIENCE (CSC)

CSC 101
Computer Concepts
3 credit hours
A general overview of competing ideas that provides an
understanding of computers, computer technology, com-
puter 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 com-
puter programs.

CSC 112
Microcomputer Applications in Business
3 credit hours
An introduction to commercially available software
packages commonly used in business environments.
Representative packages include word processors,
spreadsheets, and data bases. Provides a foundation
for computer applications encountered in upper-level
business courses. (Does not count toward a major or
minor in computer science.)

CSC 231
Computers and Programming
3 credit hours
A study of computer structure, machine language,
instruction execution, addressing techniques, digital rep-
resentation of data, computer systems organization, logic
design, microprogramming, interpreters, symbolic cod-
ing, assembler language, macros, program segmenta-
tion and linkage, systems and utility programs, and program-
ing 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 infor-
mation 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 vari-
os structures in specific programming languages.
Develops expertise in the design of algorithms by solv-
ing 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/pro-
ject and ePortfolio.
CSC 331  
Computer Logic and Organization  
3 credit hours  
The study and design of digital logic circuits and an introduction to computer systems organization. Topics include Boolean algebra, minimization techniques, combinational logic, sequential logic, digital arithmetic and arithmetic logic circuits, memory, input/output, and system organization.  
Prerequisite: CSC 231

CSC 341  
Internet Programming  
3 credit hours  
Covers some topics encountered in developing applications for the Internet, including client-side and server-side technologies used in webpage development.  
Prerequisite: CSC 255

CSC 351  
Operating Systems Principles  
3 credit hours  
A study of operating systems, batch processing, multiprocessing, virtual machines, sequential and concurrent processes, process communication, mutual exclusion, synchronization primitives, deadlock, processor management, scheduling methods, memory management, overlaying, swapping, segmentation, paging, virtual memory, and security and protection.  
Prerequisite: CSC 255

CSC 353  
Programming Languages  
3 credit hours  
A study of the features of programming languages. The topics covered include a history of programming languages, formal definitions of syntax and semantics, binding times, data types, flow of control, subroutines, co-routines, concurrency, exception handling, and 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 375  
Numerical Analysis  
3 credit hours  
An introduction to the numerical algorithms fundamental to scientific computer applications. Topics include elementary error analysis and statistical analysis of numerical processes, numerical solutions of non-linear equations and linear systems of equations, polynomial interpolation, curve fitting, numerical integration and differentiation, and numerical solution of ordinary differential equations. Computer solutions to problems are emphasized.  
Prerequisites: CSC 111 and MAT 211

CSC 441  
Data Communication  
3 credit hours  
The study of the concepts of data communication, network design, and distributed information systems.  
Prerequisite: CSC 111

CSC 450  
Computer Science Internship  
3 credit hours  
An exposure to the computer information industry in which a student works within an organization to better understand the basic skills required to secure a position and advance in this industry. The student learns about the operation of different hardware and/or software components, uses and tests skills acquired in the classroom, gains confidence, and returns to campus with a better understanding of the competencies needed by a professional in the computer information industry. (Not counted toward a minor in computer science.)

CSC 451  
Advanced Systems Programming  
3 credit hours  
A study of the machine-level programming techniques needed for control-system programming, such as interrupt processing, input/output buffering, direct memory access, program traps, communications, polling, task queuing, multiprocessing, 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 syntax, syntax scan, object code generation, error diagnostics, object code optimization techniques, overall design and use of compiler writing languages, and bootstrapping.  
Prerequisite: CSC 353

CSC 454  
Special Topics in Computer Science  
1-3 credit hours  
Selected topics covered in the core curriculum considered in response to student interest and need. (May be repeated if subject matter is different.)  
Prerequisite: Permission of department chair.

CSC 460  
Object-Oriented Design  
3 credit hours  
A study of object-oriented techniques that use the Unified Modeling Language (UML) notation for the analysis and design of software systems. Techniques for designing both the structural and behavioral aspects of software systems are emphasized. An exploration of detailed design methods to map a design into language constructs follows a discussion of design. The study is organized in incremental assignments that deal with the analysis, design, visualization, and construction of realistic software systems using UML software development.  
Prerequisites: CSC 111, 255, 381, and 382.  
Prerequisite or corequisite: CSC 455

CSC 499  
Senior Paper/Project  
2 credit hours  
The design, implementation, and documentation of a substantial programming project or investigation into one of the topics in the discipline of computer science.  
Prerequisite: CSC 300

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

DANCE

DANCE PERFORMANCE
(DANP)

DANP 100  
Beginning Ballet  
1-2 credit hours  
A study of beginning classical ballet 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 101  
Beginning Modern Dance  
1-2 credit hours  
A study of beginning modern dance technique with an emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)  
Prerequisite: Permission of the department.

DANP 102  
Beginning Related Dance Forms  
1 credit hour  
A study of beginning dance forms other than ballet and modern dance technique. May include tap, pointe, hip-hop, jazz, variations, pas de deux, world dance, among others. (This class is designed for two semesters.)  
Prerequisite: Permission of the department.

DANP 103  
Modern Dance  
1-2 credit hours  
A study of elementary classical ballet techniques with emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)  
Prerequisite: Permission of the department.

DANP 104  
Related Dance Forms  
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  
1 credit hour  
A class of movement exploration that involves elements of movement, use of props, solo and group work, cre-
Course Descriptions

DANP 108
Improvisation II
1 credit hour
Explores partnering, contact improvisation, improvisation as a creative tool for choreography, and performance improvisation.
Prerequisite: Permission of the department.

DANP 109
Dance Ensemble
0.5 credit hour
A practicum that includes concerts, festivals, workshops, and conferences both regionally and nationally. Gives credit to dancers participating in ORU's performing dance ensemble.
Prerequisite: Permission of the department.

DANP 125
History of Dance I
3 credit hours
A study of the history and philosophy of dance from the prehistoric era to the twentieth century and an introduction to dance as a career.
Prerequisite: Permission of the department.

DANP 203
Ballet II
1-2 credit hours
A study of intermediate classical ballet technique with emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)
Prerequisites: DANP 100

DANP 204
Modern Dance II
1-2 credit hours
A study of intermediate modern dance technique with emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)
Prerequisite: Permission of the department.

DANP 205
Related Dance Forms II
1 credit hour
A study of intermediate dance forms other than ballet and modern dance technique. May include tap, pointe, hip-hop, jazz, variations, pas de deux, world dance, among others. (This class is designed for two semesters.)
Prerequisite: Permission of the department.

DANP 207
Fundamentals of Choreography
2 credit hours
An introduction to the fundamentals of choreography exploring space, shape, effort, time, and design, with the creation of a solo work.
Prerequisite: Permission of the department.

DANP 230
Dance for Worship
1 credit hour
Explores ways of creating and utilizing dance in a worship experience. Considers the spiritual and artistic dynamics of dance worship and its practical application in a ministry setting. (Can be taken more than once.)
Prerequisite: Permission of the department.

DANP 303
Ballet III
1-2 credit hours
A study of advanced classical ballet techniques with emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)
Prerequisites: DANP 200 or permission of the department.

DANP 304
Modern Dance III
1-2 credit hours
A study of advanced modern dance technique with emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)
Prerequisite: Permission of the department.

DANP 305
Related Dance Forms III
1 credit hour
A study of advanced dance forms other than ballet and modern dance technique. May include tap, pointe, hip-hop, jazz, variations, pas de deux, world dance, among others. (This class is designed for two semesters.)
Prerequisite: Permission of the department.

DANP 307
Intermediate Choreography
2 credit hours
An intermediate study of choreography exploring small group composition.
Prerequisites: DANP 207 and permission of the department.

DANP 325
History of Dance II
3 credit hours
Combines history and philosophy of American dance, dance from the twentieth century to present day, and an introduction to dance in education.
Prerequisite: Permission of the department.

DANP 403
Ballet IV
1-2 credit hours
A study of pre-professional ballet techniques with emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)
Prerequisites: DANP 300 or permission of the department.

DANP 404
Modern Dance IV
1-2 credit hours
A study of pre-professional modern dance technique with emphasis on a foundation in body alignment, technique, and artistry. (This class is designed for two semesters.)
Prerequisite: Permission of the department.

DANP 406
Pedagogy I: Dance Techniques for Children
2 credit hours
Focuses on dance education theories and teaching methodologies for children, using National Dance Standards for Dance Education. Includes teaching practical.
Prerequisite: Permission of the department.

DANP 407
Advanced Choreography
2 credit hours
An advanced study of choreography exploring large group composition.
Prerequisites: Permission of the department and DANP 304.

DANP 420
Performing Arts Management
3 credit hours
An overview of studio management, non-profit organizations, grant and proposal writing, concert production, and touring.
Prerequisite: Permission of the department.

DMIN 711
Ministerial Identity and Personal Assessment
3 credit hours
Designed to help the student examine the role(s) of the minister, develop a profile of personal ministerial style, and articulate a description of his or her ministerial identity. Leads students into the development of personal goals for the doctor of ministry degree experience.

DMIN 712
Biblical Issues and Themes for Ministry
3 credit hours
Examines selected Biblical themes and relates them to the minister’s understanding of mission and empowerment. Places emphasis upon the relationship of the themes to practical problems and opportunities of ministry.

DMIN 716
Ministry and Dynamics of the Holy Spirit
3 credit hours
Examines the distinctive approaches of Pentecostals/charismatics to the role of the Holy Spirit in the experiences of the believer and the Church. Exegetical study is interpreted theologically to assist the student in for-
mulating and enunciating a personal theology of charismatic ministry.

**DMIN 717**
Theological Issues and Themes for Ministry
3 credit hours
Explicates selected theological tenets of the Christian faith and applies them to various situations and contexts of ministry. Students receive insights and assistance in thinking theologically while addressing relevant issues.

**DMIN 730**
Missional Leadership Strategies for Today's Church
3 credit hours
Examines the principles and dynamics of church growth for implementation in the local church. Concepts and skills are developed that undergird the ministry of the church, both pastoral and missionary, and facilitate the task of evangelism and the incorporation of believers into Christian groups.

**DMIN 732**
Leading for Ministry Effectiveness
3 credit hours
Presents a concept of servant leadership based in the Scriptures and contemporary literature. Views the leader in various roles and relationships within the context of the local church or ministry. Gives assistance in determining the student's leadership and management styles. Stresses the integration of ministry and management.

**DMIN 733**
Healing Ministries in the 21st Century
3 credit hours
Guides the student in a comprehensive study of one of the distinctions of ORU. Examines the theological, historical, and practical dimensions of this topic. Examines various models and contexts for healing.

**DMIN 735**
Communicating the Gospel
3 credit hours
Examines the role of the minister as related to preaching and teaching. Explores societal trends for the purpose of influencing strategies of preaching and teaching in order to increase relevance and effectiveness.

**DMIN 738**
Principles of Supervision in Pastoral Care and Counseling
3 credit hours
Discusses common theologies, theories, and techniques of supervision. Uses written case studies and ethical dilemmas to engage students in developing a personal supervisory contract that can guide their own supervision and the supervision they provide to others.

**DMIN 740**
Clinical Pastoral Education
3 credit hours
An onsite clinical experience in which students work with clergy, pastoral counselors, or chaplains from various denominations. Incorporates a highly supervised process of ministering to people in clinical settings. (May be completed at any certified clinical pastoral education site with appropriate supervision.)

**DMIN 749**
Directed Study
3 credit hours
Research and writing under the supervision of a facult
acting. Covers the fundamentals of stage terminology, stage movement, and improvisation.

**DRAM 215**
Introduction to Theatre
3 credit hours
A study of the various elements and functions of theatre in society. Focuses on becoming an intelligent artistic critic and evaluating art from a Christian perspective. Provides the student with an overall introduction to the theatre arts. Includes theatre as an art form, the basic elements of a play, the role of the critic, the audience, the scene designer, the director, the customer, and the director. Places special emphasis on developing evaluative skills while watching theatre. (Crosslisted with HUM 270.)

**DRAM 216**
Introduction to Technical Production
3 credit hours

**DRAM 232**
Acting Styles
3 credit hours
An advanced course requiring no background in styles of acting. Covers the history, background, and various acting styles of period dramas from the Greeks through the Comedy of Manners. Students rehearse and perform the various scenes in class.

**DRAM 233**
Theatrical Lighting Design and Technology
3 credit hours
Designed to expose the student to theatrical lighting design from theory to practice and to give a broad spectrum of knowledge of available lighting technology. Provides a foundation on which a student builds a theatrical lighting design experience.

**DRAM 301**
Acting for Musical Theatre
3 credit hours
Provides basic techniques and approaches to the art of acting for musical theatre. Emphasis on using acting tools to create expression through song. Students develop skills through stage performance with a classroom audience.

**DRAM 304**
Theatre History I
3 credit hours
A study of the history of theatre from the Greeks to Ibsen. The course provides an in-depth study of the plays, playwrights, physical theatre, social structure, and theatre criticism. Surveys the social, political, religious, and theatrical aspects of the various periods and better acquaint the student with these areas and their place in the development of modern drama.

**DRAM 305**
Theatre History II
3 credit hours
A historical study of the plays, playwrights, physical theatre, and specific theatre movements that characterize theatre from 1800 to the present.

**DRAM 306**
Advanced Acting
3 credit hours
An advanced study of acting that stimulates the actor’s imagination, develops an analytical approach to creating a character, and exposes the student actor to various viewpoints on training and role preparation. Introduces the student to a method of breaking down speeches, scenes, and plays into units, sequences, and apogees. Through this comparative study, students develop their own acting techniques from a Christian perspective. Students use this practical analysis in a rehearsal and performance of an assigned final recital project. Prerequisite: DRAM 205 for majors.

**DRAM 336**
Directing
3 credit hours
Covers the principles and theories of stage movement, blocking, casting, rehearsing, and performance. Lab work is coordinated with university theatre productions. Requires students to direct scenes for presentation to a live audience. Prerequisite: COM 216 or consent of instructor.

**DRAM 350**
Radio Drama
3 credit hours
A workshop experience in radio drama in which students are exposed to both live radio drama as well as post production experience. Provides experience in microphone use, recording, editing, and mixing with Pro-Tools audio software. Prerequisites: MMC 127, COM 205, MMC 345.

**DRAM 403**
Costume Design
3 credit hours
An introduction to the process of costume design, including studying design elements, production organization from a design perspective, and practical historical research. Places special emphasis on applying the principles of design to improving the student’s appearance and self-image by relating these things to a relationship with God, Jesus, and the Holy Spirit.

**DRAM 404**
Theatrical Scene Design
3 credit hours
Designed to expose the student to theatrical scene design from theory to practice. Its purpose is to provide a foundation on which the student builds theatrical design experience. Prerequisite: DRAM 216.

**DRAM 405**
Makeup Design
3 credit hours
A study of the methods and materials utilized in stage makeup. The class utilizes “hands on” makeup projects to teach various theatrical styles. Special emphasis is on skin care and enhancing self-image as it relates to the student’s identity in Christ.

**DRAM 498**
Senior Paper Preparation
1 credit hour
Discussion and exploration of possible topics and a review of research techniques and methods. Prerequisites: Within three semesters of graduation and approval of instructor and departmental mentor.

**DRAM 499**
Research and Senior Paper/Project
2-3 credit hours
Specialized research culminating in a senior paper and/or other approved project. Prerequisites: COM 498, senior standing, and consent of department chair.

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

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**EARLY CHILDHOOD EDUCATION (ECE)**

**ECE 212**
Foundations of Early Childhood Education and Physical Development
3 credit hours
Addresses all aspects of physical growth and development for children from birth through age 8 as well as methods for supporting this development. Covers developmentally appropriate practice, advocacy, health, safety, nutrition, playground design, and physical education. (Includes a 10-hour practicum.)

**ECE 250**
Infant and Toddler Development
3 credit hours
A study of the physical, psychosocial, and cognitive development of children from birth through age two. Emphasizes parent and caregiver practices that promote optimal development. (Includes a 10-hour practicum.)

**ECE 303**
Symbol Development and Creativity of the Young Child
3 credit hours
Covers all aspects of symbol development and creativity including language, literacy, art, music, and drama for children from birth through age 8. Addresses special needs of the language-different child in the development of literacy. Both the research base and practical applications are addressed. Includes ten hours of practicum. (This is a writing-intensive course.)

**ECE 313**
Psychosocial Development and Guidance of the Young Child
3 credit hours
Examines the social, emotional, and moral development of the young child from birth through age 8. Investigates the research base and practical application of early childhood history, ethics, techniques for supporting psychosocial development, organizing and managing the early childhood classroom, and behavior problems ranging from normal to psychopathological. Both parent and community collaboration are considered. Includes ten hours of practicum.

**ECE 323**
Cognitive Development of the Young Child
3 credit hours
A study of the basic principles of cognitive growth and development of children from birth through age 8 as well as methods for guiding cognitive development.
Covers development and evaluation of curriculum, assessment principles, and specific methods and rationales for teaching math, science, and social studies. Includes ten hours of practicum.

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

**ELECTRICAL ENGINEERING (EE)**

**EE 311**
Network Analysis II
3 credit hours
Continuation of EGR 210. Topics covered include impulse and sinusoidal responses of second-order networks, two-port theory, design of filters, Fourier transforms and LaPlace transforms. Includes application of MATLAB.
Prerequisite: EE 321.
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.
Corequisite: EE 321 Lab.

**EE 322**
Electronics II Lecture
3 credit hours
Continuation of EE 321. Topics include frequency analysis and design of amplifiers, analysis of operational amplifiers, design of operational amplifier based circuits, integrated circuits, analysis of feedback techniques, and design of active filters. Uses SPICE software.
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 systems design. A study and practice of practical design using available digital and analog components.
Prerequisite: EE 321.
Course fee: $55.

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

**EE 361**
Power Systems Analysis
3 credit hours
A study of symmetrical components, per-unit representation, transmission line analysis, power transformer analysis, synchronous machine analysis, and introductory computer power flow analysis.
Prerequisites: EE 210 and EE 311.
Course fee: $55.

**EE 363**
Electromechanical Devices
3 credit hours
An introduction to electrical machines and transformers. Direct and alternating current machines are reduced to equivalent circuits.
Prerequisite: EGR 210.
Course fee: $35.

**EE 450**
Special Topics
3 credit hours
Courses of special interest taught as needed.
Prerequisite: Instructor’s permission.
Course fee: $35.

**EE 462**
Design of Power Systems
3 credit hours
A study of the design of power systems using computer analysis. Topics include balanced and unbalanced faults, system protection, system performance, and load flow studies.
Prerequisite: EE 361.
Course fee: $35.

**EE 495**
Directed Study
1-3 credit hours
A directed study of problems of limited scope approved on an individual basis. Written and/or oral presentation may be required.
Prerequisites: Arrangement with professor and approval of department chair.

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

**ENGINEERING (EGR)**

**EGR 100**
Engineering/Physics Seminar
0 credit hour
A discussion of current topics and practical aspects of engineering and engineering physics. (Engineering and engineering physics majors are required to enroll in this course every semester.)

**EGR 101**
Introduction to Engineering
2 credit hours
An introduction to the profession of engineering. Topics include problem solving, engineering design of simple electrical and mechanical systems, introduction to the use of computers in engineering, and introduction to economics and ethics of engineering practice.
Course fee: $55.

**EGR 140**
Engineering Graphics
2 credit hours
Preparation of engineering drawings using 2-D and/or 3-D computer-aided design (CAD) packages.
Course fee: $55.

**EGR 210**
Network Analysis I Lecture
3 credit hours
Designed to provide beginning engineering students with knowledge of the fundamentals and methods of analysis of electrical networks consisting of passive components (resistors, inductors, capacitors) and sources (voltage, current).
Prerequisite: PHY 112.
Corequisites: MAT 211 and EGR 210 Lab.

**EGR 210**
Network Analysis I Laboratory
1 credit hour
Experiments designed to demonstrate principles discussed in EGR 210 Lecture, including measurement of resistance, voltage, current, and step responses of first- and second-order networks.
Corequisite: EGR 210 Lecture.
Lab fee: $55.

**EGR 221**
Mechanics I: Statics
3 credit hours
A study of statics of particles and rigid bodies; equilibrium of rigid bodies; concentrated and distributed force systems; shear and bending moment stresses in beams and other rigid bodies; force analysis of machines, frames, and trusses; force resultant using vectors in two and three dimensions; friction forces; center of gravity; moments of inertia. (Crosslisted with PHY 311)
Prerequisites: PHY 111 Lecture and Lab; MAT 202.
Course fee: $55.

**EGR 222**
Mechanics II: Dynamics
3 credit hours
A study of the dynamics of particles and systems of particles; rectilinear kinematics and curvilinear motion, relative motion of two particles, Newton’s laws of motion; work and energy; impulse and momentum; planar kinematics and kinetics of a rigid body; and vibrations.
Prerequisite: EGR 221. (Crosslisted with PHY 312.)
Course fee: $35.
EGR 231  
Heat and Thermodynamics  
3 credit hours  
A course in thermodynamics, including first and second law, thermometry, kinetic theory, thermodynamic property relations, ideal gas mixtures, and elementary power and refrigeration cycle analyses. Includes lab experiments.  
Prerequisites: PHY 111 Lecture and Lab and MAT 202.  
Course fee: $55.

EGR 252  
Engineering Computational Methods  
3 credit hours  
A basic computer course for students in engineering. Topics include learning the C programming language, use of Matlab computer package, and problem solving techniques such as numerical integration, simultaneous equations, and polynomial roots.  
Prerequisite or corequisite: MAT 201.  
Course fee: $55.

EGR 330  
Control Systems  
3 credit hours  
Analysis and design of first-and-second-order linear feedback control systems. Presents both classical and modern techniques. Topics discussed include LaPlace transforms, transfer functions, Bode, Nyquist, and root-locus methods, signal flow diagrams, state equations, and stability.  
Prerequisites: EGR 210, EGR 222, and MAT 211.  
Course fee: $55.

EGR 331  
Design of Control Systems  
3 credit hours  
An introduction to the design of automatic control systems. Includes design projects based on the theory learned in EGR 330. Introduces robust and digital control systems.  
Prerequisite: EGR 330.  
Course fee: $55.

EGR 461  
Engineering Management and Economy  
2 credit hours  
A study of the management of engineering projects and a consideration of investments and economic analysis as applied to engineering.  
Prerequisite: Senior standing.  
Course fee: $35.

EGR 498  
Senior Design and Research I  
2 credit hours  
First part of a two-semester, project-oriented course. Topics include research techniques, time management, patent searches, and manufacturing. Oral and written presentations are required at various stages. Student teams apply the design process by developing a project from research and proposal through construction and testing.  
Corequisite: Senior standing.  
Course fee: $55.

EGR 499  
Senior Design and Research II  
2 credit hours  
A continuation of EGR 498. Student teams apply the design process by developing a project through construction and testing. Requires oral presentations and a written report.  
(Crosslisted with PHY 499.)

Prerequisite: EGR 498.  
Course fee: $55.

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

**ELEMENTARY EDUCATION (ELE)**

ELE 314  
Reading and Language Arts  
3-4 credit hours  
A study of the scope and sequence of skill development in language arts (listening, speaking, reading, writing, viewing and visually representing for students in grades 1-8). Emphasizes the interrelationship of language arts with the entire elementary curriculum, thus using an integrated teaching approach.

ELE 323  
Children’s Literature and the Library  
3 credit hours  
Acquaints the student with outstanding authors and illustrators of the best literature for children, with emphasis on meeting emotional, intellectual, and aesthetic needs. Includes library use.

ELE 344  
Elementary Reading Methods  
4 credit hours  
A study of the major approaches to reading instruction in elementary grades 1 through 8. Presents methods and materials as a means of developing the student’s awareness of the reading process. The practicum component provides an opportunity to observe 30 hours of reading/language arts instruction in an elementary classroom.  
Prerequisite: ELE 314.

ELE 403  
Literacy Assessment with Clinical Experience  
3 credit hours  
Includes interpretation of tests and data, placement of individuals, and the diagnosis and assessment of reading disabilities. Addresses the development of case reports, including recommendations and remediation; corrective and remedial instruction utilizing appropriate materials and methods for individuals having reading problems; and instruction designed to accommodate student needs through special techniques and adaptations of instructional materials.  
Prerequisites: ELE 314 and 344.

ELE 490  
Research in Elementary Education  
1-3 credit hours  
A course designed to provide the student with an opportunity to select readings in education that pertain to the degree program. Special activities and/or projects may be suggested by the professor.

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

**ENGLISH (ENG)**

ENG 201  
Introduction to Literature  
3 credit hours  
An introductory course designed for English and writing majors, emphasizing analysis skills and techniques for writing about literature. Uses representative readings from fiction, poetry, and drama, with an emphasis on the elements of literature. Includes reading from various genres, exploring critical approaches, and writing analytical and evaluative essays.  
Prerequisite: ENG 101.

ENG 307  
Culture and the Christian Imagination  
3 credit hours  
An interdisciplinary study in theology and the arts. Explores various Christian approaches to art and aesthetics. Readings and course projects are designed to help students develop critical thinking and writing skills by studying various art forms, specifically the visual arts, literature, music, and film. Focuses on the Christ-centered approach to the arts and a mature understanding of how Christian doctrines (e.g., creation, the Fall, Incarnation, and stewardship) are relevant to understanding the arts, how the modern Church can express its deepest truths through art, and how the arts, in general, can be ways of experiencing God and life more fully.

ENG 309  
Young Adult Literature  
3 credit hours  
Explores literature for and about the young adult. Includes critical study and evaluation of the genre, examination of the themes found in the literature, examination of authors and award-winning books found in the literature, and the selection of the literature for use in school programs.

ENG 310  
World Literature  
3 credit hours  
A study of selected authors, themes, and trends representing literature outside the American and British realms. Emphasizes modern literatures of Continental Europe, Asia, Africa, and Latin America.

ENG 311  
English Literature I  
3 credit hours  
A survey of major authors and works of English literature from Old English to the Romantic period (1798).

ENG 312  
English Literature II  
3 credit hours  
A survey of major authors and works of English literature from the Romantic period (1798) to the present.

ENG 315  
African-American Literature  
3 credit hours  
Explores African-American literature from 1619 to present times, beginning with the oral tradition. Genres include narrative, songs, poetry, short stories, commentaries, letters, and essay. Explores spiritual themes in the literature.
ENGL 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.

ENGL 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.

ENGL 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.

ENGL 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.)

ENGL 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.

ENGL 370
American Romantic Period
3 credit hours
A study of representative authors of the Romantic Period in American literature (1798-1832). 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).

ENGL 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.

ENGL 420
English Romantic Period: 1798-1832
3 credit hours
A study of the lives, characteristics, and works of writers in the English Romantic Period. Discusses how the writings of this period influenced the Victorian writers.

ENGL 421
English Victorian Period
3 credit hours
A survey of English literature during the Victorian Period, including both poetry and prose. Special emphasis is placed on the PreRaphaelite movement as well as the intertextual framework that existed between art and literature.

ENGL 436
Contemporary Literature
3 credit hours
A study of contemporary literature of the English language with emphasis on American fiction.

ENGL 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.

ENGL 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.

ENGL 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.

ENGL 499
Senior Paper/Composition
3 credit hours
The second of a two-course senior paper sequence. The course culminates in the presentation of an in-depth research paper written for an academic audience. Prerequisites: Senior standing and a grade of C or better in ENGL 490.

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

ENTREPRENEURSHIP (ENT)

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

EVE 410
Environmental Engineering
3 credit hours
A survey of various global systems threatened by human misuse and contamination. Presents engineering strategies and solutions used to prevent pollution and remediate contaminated media that endanger the health and welfare of humans and animals alike. Prerequisite: EVR 350 Lecture and Lab. Course fee: $30

EVE 420
Hydrology
3 credit hours
A study of the movement of water through the natural hydrologic cycle. It includes consideration of atmospheric precipitation, flow of water overland and through channels, infiltration into porous media, groundwater flow, and evaporation back to the atmosphere. The goals of hydrologic study are the prevention and direction of flooding, the location and retrieval of groundwater, and the prevention and remediation of water pollution. Course fee: $30

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

ENVIRONMENTAL SCIENCE (EVR)

EVR 201
Global Development and Sustainability
3 credit hours
A survey of various global systems threatened by human misuse and contamination. Presents strategies and tools used to prevent or reduce pollution with the goal of protecting vulnerable culture groups and restoring damaged ecosystems.

EVR 350
Environmental Science Laboratory
1 credit hour
Demonstrates the practical and technical aspects of data acquisition for environmental analysis. Corequisite: EVR 350 Lecture. Lab fee: $30.

EVR 400
Current Global Issues Seminar
3 credit hours
A forum for investigation of unresolved issues posing current environmental threats. Readings are from current publications and events. Prerequisites: EVR 350 Lecture and lab.

EVR 499
Senior Paper
3 credit hours
Directed individual study in research and writing required for the senior paper.

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

FIELD EDUCATION (FED)

FED 501
Teaching Methodology
0 credit hour
Prepares graduate fellows who serve as teaching assistants (TAs) in undergraduate theology classes to minister spiritually as well as academically to students in their discussion classes.

FED 672
Field Education (Church)
1.5 credit hours
A course enabling the student to integrate and employ Biblical/theological principles, practices of ministry, and charismatic empowerment in diverse contexts of super-

FINANCE (FIN)

FIN 244
Personal Financial Planning
3 credit hours
Studies the areas of macro and micro finance, including such topics as business cycle analysis, ratio analysis, cash flow analysis, percent of sales method, discounted cash flow, stock and bond valuation techniques, analysis of risk, cost of capital, capital budgeting, operating and financial leverage, dividend policy, and derivatives. (Crosslisted with GBUS 556.) Prerequisite: Undergraduate course in financial management.
FIN 303
Money and Banking Finance
3 credit hours
A study of money and its functions, institutional banking, central banking, and the operational aspects of monetary policy. Also covers the definition and function of money in coordinating monetary policy; financial institutions, financial markets, and interest rates; the banking industry and its regulation; central banking and the functions of the Federal Reserve in conducting monetary policy; and the globalization of financial markets and institutions.
Prerequisites: BUS 201 and 202.

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

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

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

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

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

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

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

FIN 461
Capital Markets
3 credit hours
An introduction to the methods of securing growth financing through domestic and global private capital markets. (Crosslisted with GFIN 561.)
Prerequisite: FIN 338.

FIN 472
Principles of Estate Planning
3 credit hours
An overview of estate planning in light of the federal transfer tax system including federal gift taxation, federal and state estate taxation, and federal generation-skipping transfer taxation. Examines various forms of property ownership and introduces various tools and planning strategies that minimize the cost, fees, taxes, and time delays associated with the transfers of those various ownerships and the related tax implications. (Crosslisted with GFIN 572.)

FIN 499
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. (Taught in French.)
Prerequisite: FRE 203.

FRE 219
Travel Study
3 credit hours
A three-week trip to a French-speaking country. Includes an in-depth study of French history, geography, and art as well as opportunities for ministry in many churches. Students learn everyday customs while living with French families and have an opportunity to put grammar principles to practical use. (May substitute for FRE 203.)
Prerequisite: FRE 102 or demonstrated proficiency.

FRE 301
French Phonetics and Conversation
3 credit hours
Instruction in advanced conversation for proficiency with practical phonetics and drills for improvement of students’ aural-oral skills. Focuses on particular problem areas for English speakers. (Taught in French.)
Prerequisite: FRE 204 or equivalent.

FRE 302
French Composition
3 credit hours
A course to develop writing skills using applied stylistic analysis and practical compositional exercises. (Taught in French.)
Prerequisite: FRE 301.

FRE 303
Survey of French Literature I
3 credit hours
A study of the beginnings of French literature and its development up to the time of the French Revolution. (Taught in French.)
Prerequisite: FRE 204 or equivalent.

FRE 304
Survey of French Literature II
3 credit hours
A study of the development of French literature following the Revolutionary period. (Taught in French.)
Prerequisite: FRE 204 or equivalent.

FRE 305
French Civilization and Culture
3 credit hours
A study of the historical, political, and cultural development of France with emphasis on contemporary aspects. (Taught in French.)
Prerequisite: FRE 204 or equivalent.

FRE 306
Business French
4 credit hours
A study of French in its application to business, including terminology with respect to office procedures and international marketing. (Taught primarily in French.)
Prerequisite: FRE 204.
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: GACT 532.

GACT 539 Auditing
3 credit hours
A course designed to acquaint the student with the theoretical knowledge to successfully perform the attest function. Although practical knowledge is best acquired while working with actual records, problems and case studies are used extensively to give practical exposure to the student. (Crosslisted with GACT 539.) Prerequisite: ACT 328.

GACT 542 Federal Income Tax Accounting
3 credit hours
A study of personal federal income tax accounting designed primarily to acquaint the student with both an exhaustive study of personal income tax and a brief explanation of the basic differences between the personal income tax regulations and the corporate income tax regulations. (Crosslisted with ACT 442.) Prerequisite: ACT 216.

GACT 543 Advanced Income Tax Accounting
3 credit hours
Continued study of the Internal Revenue Code and regulations considering advanced aspects of income, deductions, exclusions, and credits as they relate to partnerships, corporations, LLCs, and LLPs. The course includes problems that require research utilizing return preparation software and various tax reference services. (Crosslisted with ACT 443) Prerequisite: GACT 542.

GACT 562 Managerial Accounting
3 credit hours
A focus on the reporting, planning, and control of business activity. The student learns to analyze the effects of various decisions on external financial statements, develop and use a managerial accounting system that provides the foundation for responsibility accounting. Emphasizes developing computer spreadsheets to analyze the financial impact of management decisions. Prerequisite: ACT 216.

GACT 563 Advanced Accounting II
3 credit hours
Completes the study of financial accounting theory begun in GACT 532. Covers various topics with primary emphasis on not-for-profit accounting (for government, universities, hospitals, and voluntary organizations), fiduciary accounting (for estates, trusts, and insolvent companies), and advanced financial statement presentations (interim reporting, foreign currency transactions, financial statements, segment reporting, and accounting for derivatives). (Crosslisted with ACT 463.) Prerequisites: ACT 327 or GACT 527; ACT 328 or GACT 528 is recommended, but not required.

GACT 564 Becker CPA—Regulation
1 credit hour
A review of business law topics most pertinent to professional accountants (e.g. contracts, sales transactions, commercial paper, agencies, bankruptcy, and legal liability) and a review of tax issues, including those related to individuals, partnerships, corporations, and estates. (Crosslisted with ACT 464.) Prerequisites: BUS 326 and ACT 442 or GACT 542.

GACT 565 Becker CPA—Business
1 credit hour
A review of business organizations, business cycles, economics, financial analysis, information systems, and managerial accounting issues that are most pertinent to professional accountants. (Crosslisted with ACT 465.) Prerequisites: BUS 202, FIN 338, and ACT 432 or GACT 533.
GACT 566  
Becker CPA--Financial  
1 credit hour
A review of financial statements and all transactions related to their preparation. Topics include accounting for corporations, state and local governments, and other not-for-profit organizations. (Crosslisted with ACT 466.) Prerequisites: ACT 328 or GACT 528.

GACT 567  
Becker CPA--Auditing  
1 credit hour
A review of the attestation procedures and all reports prepared by professional accountants related to the attestation function. Topics include all reporting requirements, professional standards, internal control, transaction cycles, and evidential matter. (Crosslisted with ACT 467.) Prerequisites: ACT 439 or GACT 539.

GACT 570  
Accounting Information Systems  
3 credit hours
Experiments on accounting information systems as an integrated framework within a business entity. Highlighted topics include data retrieval for report preparation, evaluation of accounting information systems, and the design of charts of accounts. Discusses the role of accounting systems, controls, and auditing. (Crosslisted with ACT 435.)
Prerequisite: ACT 216.

GACT 571  
Estate and Gift Taxation  
3 credit hours
A broad overview of the federal transfer tax system including federal gift taxation, federal and state estate taxation, and federal generation-skipping transfer taxation. The course examines various forms of property ownership, transfers of those various ownerships, and related tax implications. (Crosslisted with ACT 471.)
Prerequisites: ACT 215, 216, and 327 with grades of C or better. (Crosslisted with ACT 471.)

GACT 580  
Nonprofit Accounting and Finance  
3 credit hours
An overview of accounting and finance concepts as they pertain to nonprofit organizations. Emphasizes the balance sheet, cash flow statement, and accounting and finance systems for non-financial managers, administrators, and employees of nonprofit organizations. Special consideration is given to managerial skills required to sustain and enhance the performance of nonprofit organizations through the accounting and finance process of reporting, compliance, research, analysis, interpretation, and application.

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

GRADUATE ADMINISTRATION (GADM)

GADM 700  
Leadership Studies  
3 credit hours
A study of the theories, nature, styles, and skills of leadership, utilizing historic and contemporary models and emphasizing moral roots of responsible leadership. Stresses those leadership techniques and strategic decisions involved in leading, managing, and transforming organizations.

GADM 701  
Contemporary Curriculum Issues  
3 credit hours
An integrated study of the critical social, political, and economic issues confronting contemporary educational leaders. Emphasizes the impact of these issues on current and evolving curricular theories and practices in public and private schools.

GADM 703  
Comparative Education  
3 credit hours
A study of the role of history and culture in the development of educational systems within major countries and regions of the world. Emphasizes the comparison of those systems and their achievements to that of education in the United States.

GADM 800  
Organizational Theory in Administration  
3 credit hours
An examination of the nature and behavior of organizations and personnel. Reviews and applies various concepts and theoretical frameworks underlying the administration of organization to the educational setting.
Prerequisites: Admission to graduate education and superintendent certification program or Ed.D. program and permission of instructor.

GADM 805  
The Superintendency  
3 credit hours
An integration of theory and practice related to the roles and responsibilities of the superintendent. Emphasizes obtaining knowledge and developing skills to effectively perform the general requirements of the superintendency.

GADM 810  
Strategies for Educational Change  
3 credit hours
An overview and analysis of the change process in education with emphasis on various strategies for planning and implementing change within educational organizations.

GADM 820  
Superintendent's Role in Personnel Management and Evaluation  
3 credit hours
An exploration and evaluation of the relationships between administrators and other school personnel with an emphasis on the management of human resources in the educational setting. Reviews the processes, procedures, and techniques necessary for an effective personnel management program.

GADM 830  
Business Management Practices in Education  
3 credit hours
An assessment of all aspects of the fiscal and resource management concepts and techniques used in the operation of educational organizations. Emphasizes the development of knowledge and skills in several areas including budgeting, purchasing, accounting, maintenance, and operations.

GADM 835  
Resource Development  
3 credit hours
An extensive review of concepts and procedures utilized in the financing of private schools, Christian schools, and private colleges. Emphasizes all aspects of the operations of a development office needed for planning and conducting fundraising campaigns. (Offered online only.)

GADM 840  
School Facility Planning  
3 credit hours
An in-depth review of all aspects of school physical plant operations including planning, constructing, utilizing, and maintaining school facilities. Emphasizes the preparation of administrators to plan and manage a complete school facilities program.

GADM 845  
Administration and Supervision of Programs for Exceptional Individuals  
3 credit hours
A review and analysis of the characteristics, needs, and problems related to educating the exceptional learner. Emphasizes planning, implementing, supervising, and evaluating appropriate legal educational placements for exceptional individuals.

GADM 850  
Legal, Political, and Ethical Issues in Educational Administration  
3 credit hours
An integral analysis of the historical and contemporary legal, political, and ethical issues of public and private schooling, with an emphasis on national and state constitutional provisions, the political environment, laws, and court cases. Explores political, social, economic, and multicultural factors in the context of educational organizations and their constituent communities.

GADM 855  
Instructional Theory and Practice  
3 credit hours
An analysis of the theory and philosophy of selected instructional strategies in both public and private schools. Applies research based principles and practices to the evaluation of teaching and learning.

GADM 860  
Instructional Technologies in Education  
3 credit hours
A review of the historical background, current issues, and future trends influencing the theoretical and practical uses of instructional technology. Uses a systematic approach stressing selection, evaluation, and classroom integration of instructional technology into the teaching and learning process. (Offered online only.)

GADM 865  
Education in the Adult Lifespan  
3 credit hours
An introduction to the concepts and experiences relat-
ed to the physical, psychological, emotional, cognitive, social, and spiritual development of the individual from young adulthood to maturity. Includes developmental issues related to the self, family, society, work, retirement, aging, and death.

GADM 870
Quantitative Research
3 credit hours
Covers the creation and analysis of quantitative data used to carry out the objectives of research. Emphasizes the assumptions of the various methods, the relationship between the given method and the level(s) of measurement of the independent and dependent variables, and the relationship of research design to the given analytical method.

GADM 875
Qualitative Research
3 credit hours
Designed to acquaint the student with qualitative methods commonly used in educational research. Emphasis is on design features, scholarly rigor, and evaluation of selected studies. Students also implement data collection and analysis for a selected qualitative method. (Offered online only.)

GADM 880
Internship 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 citizens. The course enables the student to develop a mission-oriented and Biblically based worldview relative to the education of children and adults.
Prerequisites: Acceptance into the graduate program and permission of the professor.

GADM 882
Holy Spirit in Education
2 credit hours
An inquiry into and an examination of Spirit-directed education. The role of the Holy Spirit in education is viewed from both a historical and a current perspective. Studies the application of the person, function, and gifts of the Holy Spirit in education and the Christian distinctives of the educational process, along with the roles that the Church, schools, colleges, and universities play in the learning processes.

GADM 885
Internship in Educational Leadership
1-3 credit hours
Specifically structured to permit interns to integrate theory and practice in a field-based setting under the guidance of an experienced cooperating administrator serving as a mentor. Provides the intern with a variety of meaningful leadership experiences in actual school-based settings. The experiences are coordinated by the university supervisor in consultation with the cooperating administrator.

GADM 900
Doctoral Dissertation
8 credit hours
The research (either a qualitative or quantitative) and writing of a dissertation that reports, evaluates, interprets, and synthesizes the results of that research. The purpose of the dissertation is to produce new knowledge, new materials, or new methods in the student’s field of specialization. The project is to be meaningful to the student and provide evidence of familiarity with past and current research in the field.
Prerequisites: Acceptance and approval of the dissertation prospectus by the candidate’s dissertation committee, the chair of the Graduate School of Education, and the Dean of the School of Education.

GADM 901
Dissertation Prospectus Seminar
1 credit hour
Designed to provide the doctoral student with guidelines, requirements, and procedures for completion of written and oral doctoral comprehensive examinations and for preparing the prospectus for the dissertation to be submitted for approval by the student’s Doctoral Advisory Committee, the Graduate Chair, and the Dean of the School of Education. The course also gives instruction on writing and defending the doctoral dissertation, as well as steps leading through graduation.
Prerequisites: Completion of doctoral core and research courses; admittance to the doctoral program; advisor’s approval; a signed Statement of Understanding for the Procedures and Requirements of the Ed.D.

GADM 920
Directed Study
1-3 credit hours
Allows students to pursue relevant educational literature and to conduct research projects that pertain to their degree programs and special interests. It also provides opportunities for students to examine existing studies, reports, and documents relevant to an area of interest and combine them into an insightful paper or a project.
Prerequisites: Doctoral standing and permission of the professor.

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

GRADUATE BIBLICAL LITERATURE (GBIB)

GBIB 500
Greek Synthesis I
3 credit hours
An introduction to the forms and functions of the nominal and verbal systems of New Testament Greek. Emphasizes vocabulary building and basic translation. (This is the first of two courses.)

GBIB 501
Greek Synthesis II
3 credit hours
Prerequisite: GBIB 500.

GBIB 505
Introduction to Old Testament Literature
3 credit hours
A historical-thematic survey of the Old Testament. Examines the content of the Old Testament, with emphasis on the cultural, historical, and geographical background to the text.

GBIB 506
Introduction to New Testament Literature
3 credit hours

GBIB 507
Biblical Hermeneutics
3 credit hours
A study of the problems and methods of Biblical interpretation, including the factors of presuppositions, grammatical relationships and historical context, vocabulary, and figurative language.

GBIB 510
Hebrew Synthesis I
3 credit hours
A basic introduction to Biblical Hebrew. Includes a survey of grammar, morphology, and syntax, taught by a combined inductive and deductive method. As the grammatical elements are learned, they are applied through the reading of Biblical passages.

GBIB 511
Hebrew Synthesis II
3 credit hours
A continuation of Hebrew Synthesis I with an increasing emphasis on reading the Hebrew text of the Old Testament. It completes the student’s preparation for basic Hebrew exegetical and hermeneutical study of the Old Testament.
Prerequisite: GBIB 510.

GBIB 516
Biblical Eschatology
3 credit hours
A study of Old and New Testament teachings on eschatology, including those aspects of the Kingdom of God that are already present and those yet to be fulfilled. Specific attention is given to concepts such as eschatological Gospel, Messiah, parousia, second coming, resurrection, rapture, tribulation, millennium, judgment, signs of times, the Kingdom of God, and the present age and age to come.

GBIB 517
Paul: Mission and Message
3 credit hours
A study of the life, missionary journeys, and major theological themes of the Apostle Paul evidenced in his letters and Acts. Includes application to the contemporary church.

GBIB 551
Old Testament Synthesis
3 credit hours
An introduction to critical areas of Old Testament study. Includes some background in history and geography.

GBIB 552
Historical Geography of Palestine
3 credit hours
A study of the geography and history of Palestine since antiquity, especially in relation to the nation of Israel and the Early Church. Includes study of other civilizations as they relate to Palestine.

GBIB 556
Jesus in the Synoptic Gospels
3 credit hours
A study of the Synoptic Gospels designed to enhance
understanding of the person, message, and mission of Jesus in His Jewish milieu. Includes the distinctive aspects of each evangelist’s portrayal of Jesus.

**GBIB 561**
**Old Testament Hermeneutics and Exegesis (Hebrew)**
3 credit hours
An exegetical study of selected Old Testament passages. Involves sound exegetical method and critical problems and hermeneutics of the passages. Includes doctrinal significance.
Prerequisites: GBIB 511 and proficiency in Hebrew as demonstrated by examination PRF 052.

**GBIB 571**
**New Testament Synthesis**
3 credit hours
Examines the content of each document in the New Testament canon, a collection of texts that possesses unity and diversity of message. Each text is carefully studied by examining its cultural and historical background.

**GBIB 573**
**1 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
Prerequisite: GBIB 501 and proficiency in Greek as demonstrated by examination PRF 053.

**GBIB 583**
**The Parables of Jesus in Their Jewish Context**
3 credit hours
An examination of the parables of Jesus in light of their Jewish background. Studies rabbinic parables to understand the teaching methods of Jesus. Includes cultural, historical, and theological settings of the Gospel parables in light of the teachings of the Jewish people during the period.

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

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

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

**GBIB 611**
**Theology of the Old Testament**
3 credit hours
A survey of the major doctrines of the Old Testament with special reference to their historical development within the political and religious institution of ancient Israel.
Prerequisite: GBIB 505 or 551.

**GBIB 618**
**Matthew (Greek)**
3 credit hours
An advanced course in translation and exegesis of the Greek text. Considers the Jewish and Hellenistic background of the Gospel text and analyzes the grammar and syntax—including Semitisms and Greek idioms—in the translation. The style, central theological themes, and narrative unity of the text is emphasized in the exegesis.
Prerequisite: GBIB 581.

**GBIB 619**
**Romans (English)**
3 credit hours
Exegesis of the epistle with emphasis on the central theological themes and their relevance and application to issues of the contemporary church.

**GBIB 621**
**Theology of the New Testament**
3 credit hours
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

**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.

**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 text. Selected texts are translated and examined grammatically and historically in order to acquaint the student with the language, style, and literary genres of theophanies in the Hebrew Scriptures.
Prerequisites: GBIB 561.

**GBIB 636**
**Exodus (Hebrew)**
3 credit hours
An advanced Hebrew reading class. Studies selected texts from the book of Exodus in light of their historical
and cultural background. The student is encouraged to develop linguistic skills as the questions of Hebrew grammar are examined. Prerequisites: GBIB 561.

**GBIB 637**  
Deuteronomy (Hebrew)  
3 credit hours  

**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 B.C.D. Emphasizes the geography, history, writing, art, and institutions of this period. Focuses on western Asia and the Mediterranean.

**GBIB 648**  
Israel Travel Seminar  
3 credit hours  
Explores the land of the Bible through field experience, expert guiding with scholarly precision, and directed study of the cultural background of early Christianity. Students participate in a specialized tour of the Holy Land as they study the Bible.

**GBIB 657**  
Old Testament History  
3 credit hours  
A course designed to examine ancient Israel in its historical and cultural milieu. Focuses on the period from the Patriarchs to the fall of Jerusalem to the Babylonians. Includes the origin and development of Israel's political and religious institutions. Prerequisites: GBIB 505 or 551.

**GBIB 663**  
Syriac  
3 credit hours  
A study of Syriac, also called "Christian" Aramaic. Because of its close relationship to the Aramaic portions of the Masoretic text of the Old Testament, the study of Syriac provides a valuable introduction to both Old and New Testament studies. Prerequisite: Proficiency in Hebrew. PRF 052.

**GBIB 676**  
Pauline Theology and Early Jewish Thought  
3 credit hours  
Examines the cultural and historical background to the life and teachings of Paul the Apostle. Focuses on Paul's cultural environment and the early Jewish sources, which can shed light on his thought and teachings. Prerequisite: GBIB 506 or 571.

**GBIB 682**  
Synoptic Gospels (Greek)  
3 credit hours  
Concentrates on Jesus—the man, the mission, and the message—revealed in the Synoptic Gospels (Greek). Various hermeneutical approaches and interpretations are considered in aiding the student to fashion his or her own understanding. Discusses the relevance of Jesus and His mission and message for the student, church, and society today. Prerequisite: GBIB 581.

**GBIB 683**  
Mark (Greek)  
3 credit hours  
Translation and exegesis of selected pericopes concerning the authoritative person, teachings, and deeds of Jesus. Gives attention to Mark’s unique portrayal of Jesus to readers in his church and today. Prerequisites: GBIB 571 and 581.

**GBIB 684**  
Charismata in Early Christianity  
3 credit hours  
A study of the significance and function of charismata in early Christianity, focusing on the cultural background of the Early Church and the texts of the Old and New Testaments, post-Biblical Jewish sources, and the Apostolic Fathers.

**GBIB 688**  
The Jewish Background to the Gospels  
3 credit hours  
A study of the historical, cultural, and religious background to the life and teachings of Jesus in light of early Jewish sources. Examines post-Biblical Jewish literature to gain fresh insights into the Gospels and message of Jesus. Prerequisite: GBIB 506 or 571.

**GBIB 692**  
Parables of Jesus  
3 credit hours  
Scientifically examines the cultural and historical background to parables of Jesus as presented in the texts of the Gospels. Includes rabbinic parables and other early Jewish sources that can shed light on the teachings of Jesus. Studies the parables, taken from popular oral teaching, as a unique genre in literature. Prerequisite: GBIB 506 or 571.

**GBIB 697**  
Jewish and Christian Prayer in the Time of Jesus  
3 credit hours  
A study of the form, content, and structure of prayers in their historical context as prayed by the Jewish people and the Early Church. Examines the prayers of Jesus and the Early Church in light of Jewish prayers and blessings in the rabbinic literature, the Pseudepigrapha, the Apocrypha, and the Dead Sea Scrolls. Prerequisite: GBIB 506 or 571.

**GBIB 704**  
Psalms (Hebrew)  
3 credit hours  
An exegetical study of selected representative Psalms. Includes a study of the principles of Hebrew poetry and the general structure and content of the Psalter. Emphasizes their theological significance and value for Christian living and worship. Prerequisite: GBIB 561.

**GBIB 712**  
Akkadian  
3 credit hours  
An introduction to the fundamentals of Akkadian, a cognate language to Hebrew. An inductive approach using the Code of Hammurabi. Designed to help the student better understand the culture and literature of the Ancient Near East and the background of the Old Testament.

**GBIB 714**  
Ugaritic  
3 credit hours  
An introduction to the Ugaritic language and literature of ancient Ugarit in Northern Syria. Includes reading Ugaritic epics and myths and analyzing their influence on the poetry and prose of the Bible.

**GBIB 715**  
The Bible and Midrash (Hebrew)  
3 credit hours  
An advanced Hebrew reading course designed to teach the student basic translation skills for Mishnaic Hebrew and introduce the student to Qumranic Hebrew. Includes selected reading from rabbinic literature and the Dead Sea Scrolls. Prerequisite: GBIB 581.

**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 proficiency (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 Egypti a  
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
3 credit hours
Directed individual systematic research in preparation for the writing of a thesis.
Prerequisite: Permission of the Department of Biblical Studies.

GBIB 757
Thesis Writing
2 credit hours
Directed individual systematic research culminating in the writing of a thesis.
Prerequisite: 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 Gospel. 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
Prerequisites: GBIB 506, 571 or 581.

GBIB 769
Seminar in New Testament
3 credit hours
Investigation of selected contemporary issues in New Testament studies.
Prerequisites: GBIB 506, 571 or 581.

GBIB 774
Jewish Apocalyptic Literature
3 credit hours
Examine the cultural setting and the historical circumstances that gave rise to the Jewish apocalyptic literature. Studies selected apocalyptic literature from the Old Testament as well as the Apocrypha and Pseudepigrapha.
Prerequisite: GBIB 551 or 571.

GBIB 777
Exegesis of Romans (Greek)
3 credit hours
An advanced exegesis course that analyzes and interprets the New Testament letter 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 778
Cross/Resurrection in the New Testament (Greek)
3 credit hours
Prerequisite: GBIB 571 and 581.

GBIB 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 BUSINESS (GBUS)

GBUS 500
Internship
1-3 credit hours
A practicum in which the student works one-on-one with an employer to make recommendations for improvement in the work force. The student's work includes both a closely supervised environment and projects of personal initiative.
Prerequisite: Twelve hours of leveling and/or graduate courses.

GBUS 504
Communications in Contemporary Business
3 credit hours
Designed to expose the graduate student to all areas of business communications necessary for the contemporary professional. Focuses on written communication, public speaking, group facilitation, assessment techniques, consulting, and event coordination. Addresses communicating in the boardroom, staff meeting, or consultation arenas.
Prerequisite: Permission of Graduate Business.

GBUS 550
Legal Issues of Nonprofit Organizations
2 credit hours
Provides the students with a basic grounding in the laws and regulations governing nonprofit organizations. Includes procedures for incorporating, reporting, and maintaining tax-exempt status as a nonprofit organization, a familiarity with legal principles and research methods, and an overview of the legal, regulatory, and policy issues facing contemporary nonprofit organizations.

GBUS 555
Personal Financial Planning
2 credit hours
Studies the areas of macro and micro finance, including such topics as business cycle analysis, ratio analysis, cash flow analysis, percent of sales method, discounted cash flow, stock and bond valuation techniques, analysis of risk, cost of capital, capital budgeting, operating and financial leverage, dividend policy, and derivatives. (Crosslisted with FIN 244.)
Prerequisite: Undergraduate course in financial management.

GBUS 565
Strategic Management
2-3 credit hours
The capstone course of the M.B.A. and M.NFP. programs. Emphasizes the integration of 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. (3 credit hours for M.B.A. students; 2 credit hours for M.NFP. students.)
Prerequisite or corequisite for M.NFP. students: GBUS 504.
Prerequisites for M.NFP. students: GMGT 561 and GMKT 564 with a grade of C or better; completion of 18 hours toward the Master of Not-for-Profit Management degree with a cumulative GPA of 3.0 or better; and capability of creating case presentations using multimedia computer software.
Prerequisites for M.B.A. students: GMGT 561, GACT 562, FINI 563, and GMKT 564 with a grade of C or better and capability of creating case presentations using multimedia computer software.
Corequisite: GBUS 586, for M.B.A. students only.

GBUS 566
Management Simulation
1 credit hour
A capstone course emphasizing the integration of the following areas: accounting, finance, management, and marketing within the framework of policy, organizational and behavioral theory, problem identification, decision making, oral and written skills, strategy, confidence, and the ability to develop positive corrective-action techniques. Instruction is provided through individual case presentations and a management simulation problem.
Prerequisite: Permission of instructor.
Corequisite: GBUS 565.

GBUS 567
Technology and Business
3 Credit Hours
Surveys information technologies and discusses their applications in business. Covers how common business processes and decision making can be streamlined, augmented, and enhanced by the selection, implementation, and proper application of appropriate technologies. Includes synthesis of course material into a working project proposal for a real or hypothetical organization.

GBUS 572
Business Ethics
2 credit hours
A study of the interrelationships among individuals, business firms, service industries, nonprofit organizations, churches, and government in American society. Focuses on the issues and problems that confront the leaders exercising social responsibility and examines the nature and objectives of selected public policies impinging on business. Includes a comprehensive analysis and synthesis of philosophies that determine cultural values and an evaluation in terms of the student's own personal value system. Addresses management's role in upholding Christian principles as it inter-
acts with government and society. (Crosslisted with BUS 372.)

**GBUS 574**  
**Competitive Business Intelligence**  
2 credit hours  
A survey of the use of sophisticated information resources to access relevant and reliable data vital to sound business decision-making. Students are expected to develop strong teamwork and leadership skills in the ethical identification, evaluation, and use of these resources. Students also interact with industry leaders, including presenting their competitive intelligence research findings.

**GBUS 582**  
**Managerial Economics**  
3 credit hours  
Analysis of the basic premises of both macroeconomic and microeconomic theory, including production, price, distribution, and interrelationships with the national economy. Emphasizes applications in managerial economics and economic forecasting. Prerequisite: BUS 201. User license: $30.

**GBUS 598**  
**Research Methodology**  
3 credit hours  
Designed to provide students with an understanding of basic research techniques and the investigation of problems oriented toward current management situations. This includes research design, sampling techniques, and quantitative methods for analyzing data. The statistical tools learned in GMGT 585 are used to perform statistical analysis.

**GBUS 599**  
**Research**  
1-3 credit hours  
An opportunity to demonstrate research skills by conducting original research under the direction of a faculty member. Requires data collection, data analysis, and data synthesis resulting in a research paper. Prerequisites: GBUS 504, 585, 598, and MBA core.

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

**GRADUATE**  
**CHRISTIAN SCHOOL EDUCATION (GCSE)**

**GCSE 511**  
**Christian Worldview in the 21st Century**  
3 credit hours  
A study of the Christian worldview and how it should form the conceptual foundation for human thought and action within a culture of competing worldviews. In a time of growing anti-intellectualism in the church and marginalization of Christianity in society, this course provides the understanding necessary to effectively communicate the truth of Christianity so that society can be transformed. Addresses practical application of Biblical principles to current cultural issues. (Crosslisted with IS 301.)

**GCSE 533**  
**Survey of Christian School Curriculum**  
3 credit hours  
An examination of the major Christian publishing houses offering total subject curricula, as well as noteworthy Christian curricula in selected subject areas. Includes instruction in the role of curriculum materials in the Christian schools and strategies for their selection, implementation, development, and maintenance. (Offered in Summer Institute only.)

**GCSE 603**  
**Guidance and Counseling in the Christian School Setting**  
3 credit hours  
A survey course designed to introduce students to a Christian school guidance program. Students learn about the needs, design, facets, and effective means of implementing a program. (Offered by correspondence only.)

**GCSE 613**  
**Organization and Administration of Christian Schools**  
3 credit hours  
Defines and analyzes the administrator's role in Christian schools. Gives attention to developing the leadership competencies needed for organizing, administering, supervising, and evaluating educational personnel and programs. Includes simulated problem-solving.

**GCSE 643**  
**Issues in Education**  
3 credit hours  
A study of current issues in education. Focuses on those significantly affecting national, international, public, and private schools, and emphasizes analyzing the current and future roles of Christian school education and educators. Includes, but is not limited to, the following topics: Christian school challenges; personal/professional issues affecting classroom teachers; legal and societal pressures; the changing scene in the public sector; and state, national, and global concerns and influences in education. Specific topics may vary from year to year. (Offered online only.)

**GCSE 673**  
**Internship (Curriculum)**  
3 credit hours  
Examines the effectiveness of current curricula through active participation in innovative elementary Christian schools. Provides opportunities to create unique designs.

**GCSE 683**  
**Internship (Administration)**  
3 credit hours  
Provides opportunities to observe Christian school educational programs and to integrate theories of administration with administrative practices. Each student is assigned to a practicing administrator in a model Christian school.

**GCSE 684**  
**Internship**  
3 credit hours  
A continuation of GCSE 683.

**GCSE 690**  
**Directed Study**  
1-3 credit hours  
Directed individual or group study in the area of Christian school education.

**GCSE 693**  
**Thesis**  
3 credit hours  
Provides culminating experience for the M.A. in Education candidate. The candidate conducts a special investigation of an approved problem using appropriate research methods, submits the written thesis, and orally defends it in the presence of the candidate's thesis committee. The thesis must be original in the field of education and original with the candidate. Prerequisites: Completion of a prospectus and arrangement with the chair of the student's thesis committee.

**GCSE 713**  
**Educational Leadership and Supervision**  
3 credit hours  
A presentation of Biblical principles and practices of leadership and supervision within the context of improving instruction, enhancing outcomes of learning, and developing relationship skills. Covers characteristics of leaders, significance of vision and supervision, analysis of teacher effectiveness, and survey of staff development programs. Stresses assessment of personal attributes of leadership and application of leadership strategies. (Offered in Summer Institute only.)

**GCSE 723**  
**Administration of College and Higher Education**  
3 credit hours  
Examines the scope of the organization and administration of higher education institutions. Helps professionals in higher education develop and refine competencies to enhance administrative skills and performance. Designed to help those active in administrative processes and functions in higher education institutions, regardless of size, to survive and prosper in the 21st century.

**GCSE 724**  
**Governance and History of College and Higher Education**  
3 credit hours  
Examines the scope of the organization and history of higher education institutions. Helps professionals in higher education develop and refine competencies to enhance administrative skills and performance. Designed to help those active in administrative processes and functions in higher education institutions, regardless of size, to survive and prosper in the 21st century.

**GCSE 725**  
**Bible School Foundations**  
3 credit hours  
Addresses administrative and educational issues in establishing a Bible institute in the United States or abroad. Examines various models for Bible institutes, financial and legal concerns, and principles of postsecondary teaching and assessment. Prerequisite: Graduate standing.

**GCSE 733**  
**Characteristics of the Adult Learner**  
3 credit hours  
An overview of elements related to educational approaches to adult education. The needs of adult learners such as development, social, and spiritual are considered in light of contemporary theories of education. Emphasizes Biblical principles and perspectives of discipleship and leadership training and the ministry of the local church. (Offered online only.)
GCSE 743  
Curriculum Survey and Design for College and Higher Education  
3 credit hours  
An examination of the design, management, and evaluation of curriculum for post-secondary schools, including Bible schools, institutes, and colleges. Emphasizes the relationship between the curriculum and the mission of the institution. (Offered in Summer Institute only.)

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

GRADUATE EARLY CHILDHOOD EDUCATION (GECE)

GECE 503  
Foundations of Early Childhood Education  
3 credit hours  
An overview of the field of early childhood education. Topics include the history of childhood and early childhood education, theories that are being applied in the education and care of young children, and special areas of concern for the early childhood professional, such as developmentally appropriate practice, advocacy, and ethics. Also includes organizations for early childhood professionals. (Offered by correspondence only.)

GECE 513  
Early Childhood Program Development  
3 credit hours  
Focuses on the knowledge needed by the childcare professional for the development and administration of an effective early childhood program. Topics include current program models, organization of the early childhood program, state regulations for licensing and accreditation, administration, and curriculum development. (Offered in Summer Institute only.)

GECE 523  
Cognitive Development in the Young Child  
3 credit hours  
An examination of theoretical and practical aspects of cognitive development. Advanced cognitive theory is presented from the perspectives of Piaget, Vygotsky, and information processing. Discusses other theories and their implications for curriculum development and implementation. Gives practical application of cognitive development knowledge in the social studies, science, and mathematics. (Offered in Summer Institute only.)

GECE 533  
Motor Skills, Health, and Nutrition  
3 credit hours  
Focuses on physical needs of the young child. Means for supporting motor development in the child are identified through a study of playground design and management, games, and activities. Examines special health needs and problems of the young child, along with safety and nutritional considerations for parents and professionals in the field of early childhood education. (Offered by correspondence only.)

GECE 543  
Guidance for the Young Child/Child and Family in the Social Context  
3 credit hours  
A study of the social and emotional development of the young child. Methods for effective management of children with both normal behavior and special problems are investigated. Explores means through which teachers can work as partners with parents and the community. Gives attention to the differing needs and goals of culturally diverse communities within the general population. (Offered in Summer Institute only.)

GECE 552  
Creative Arts and the Young Child  
2 credit hours  
A survey of creativity and an examination of basic principles of art and music. Discusses methods and materials for encouraging artistic development of young children. (Offered in Summer Institute only.)

GECE 553  
Directed Study  
1-3 credit hours  
Allows the student to study a topic that pertains to the degree program and is of interest to the student. Special activities and/or projects may be suggested by the professor.

GECE 563  
Language and Literacy Development  
3 credit hours  
Focuses on language development and the literacy skills associated with them. Includes development of communication techniques and associated symbol use for children from infancy through age eight. Emphasizes ways the child actively attempts to discover communication through the written word and the process through which reading can be made a communicative process for children in the lower grades. Includes discussion of techniques that teachers can use to support a child’s discovery of literacy. (Offered in Summer Institute only.)

GECE 583  
Prior Learning Assessment  
Whole Person Assessment fee: $70.  
3 credit hours  
A study designed to assist the student seeking college credit for prior learning experiences. Defines experiential learning and examines the steps of the assessment process. Guides the student through the first draft of a prior learning assessment portfolio. (The course is a prerequisite to applying for prior learning assessment and credit. Offered only through distance learning.)

GEN 111  
University Success  
3 credit hours  
Combines theory and practice in learning skills needed for success in college and life, such as study skills, time management, building relationships, and managing money.

GEN 113  
Distance Learning Strategies  
3 credit hours  
A study designed to orient the student to the distance learning approach and format, university outcomes, philosophy of assessment, electronic portfolio (ePortfolio), and various study strategies. Combines theory and practice to help students develop technology skills necessary for navigating ORU’s online systems. Discusses practical strategies for success in a distance learning program. Also acquaints the student with the nature, philosophy, and lifestyle of ORU. (Offered only through distance learning.)

GEN 114  
Senior Paper/Project  
3 credit hours  
An independent research paper or project completed under the direction of a faculty advisor. The student prepares a senior paper/project related to the learning experiences and purpose of the student’s individualized liberal studies degree program. A senior paper may consist of independent research and analysis, expository writing on issues related to the area(s) of concentration, or a description and analysis of approved field experiences. With the approval of the faculty advisor, an appropriate project may be submitted in lieu of the senior paper (e.g., in the areas of performance, production, or original writing and development. (Offered only through distance learning.)

GEN 599  
Study Skills  
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 in learning skills needed for success in a distance learning program. Also acquaints the student with the nature, philosophy, and lifestyle of ORU. (Offered only through distance learning.)

GENERAL STUDIES (GEN)

GEN 099  
Whole Person Assessment  
0 credit hours  
Orients the student to the University outcomes, philosophy of assessment, and the electronic portfolio. Acquaints the student with the technology skills needed for the ePortfolio. Whole Person Assessment fee: $70.

GEN 101  
Prior Learning Assessment  
3 credit hours  
A study designed to assist the student seeking college credit for prior learning experiences. Defines experiential learning and examines the steps of the assessment process. Guides the student through the first draft of a prior learning assessment portfolio. (The course is a prerequisite to applying for prior learning assessment and credit. Offered only through distance learning.)
GEOGRAPHY (GEO)

GEO 201
Principles of Earth Science Lecture
3 credit hours
An introduction to earth sciences: geology, oceanography, geomorphology, and meteorology. Discusses the processes at work within the earth, on the surface, and in the air and oceans. Emphasizes plate tectonic theory. (Crosslisted with PSC 201 Lecture.) Corequisite: GEO 201 Lab.

GEO 201
Principles of Earth Science Laboratory
1 credit hour
Lab exercises to supplement GEO 201 Lecture. (Crosslisted with PSC 201 Lab.) Corequisite: GEO 201 Lecture. Lab fee: $30.

GEO 251
Ozark Region Field Studies
3 credit hours
A team-taught, interdisciplinary, summer field course utilizing the natural environment of northeast Oklahoma and northwest Arkansas. Prerequisite: Permission from instructors. Lab fee: $30.

GEO 307
Cultural Geography
3 credit hours
Study of the interrelationships between humanity and the environment. Discusses the present distribution of humans as a cultural history process involving the availability and use of cultural and natural resources. (This is the recommended geography course for teacher certification in social science.)

GEO 350
Environmental Geography
3 credit hours
A study of human ecology focusing on problems created by human habitation of and interaction with the earth. Topics include culture, ecology, population, resources, food, energy, and pollution. Also considers social, economic, political, and ethical issues. (Crosslisted with PSC 350.) Prerequisite: One semester of lab science.

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

GERMAN (GER)

GER 101
Elementary German I
5 credit hours
A course for those desiring to begin a second language. Involves intensive oral work and an introduction to reading, writing, and speaking. (This course does not count toward the bachelor of arts language requirement, a minor, or major but can be used for elective credit.) Lab fee: $40.

GER 102
Elementary German II
5 credit hours
Continuation of GER 101. Prerequisite: GER 101 or demonstrated proficiency. Lab fee: $40.

GER 203
Intermediate German I
3 credit hours
Continued practice in German with review of grammar and composition. Includes selected readings in addition to the text. Prerequisite: Proficiency examination or GER 102. Lab fee: $40.

GER 204
Intermediate German II
3 credit hours
An intensive and practical conversational workshop. Grammar review with emphasis on spoken French. Prerequisite: GER 203.

GER 219
Travel Study
3 credit hours
A trip to Austria/Germany. An in-depth introduction to language and culture, with practical phonetics and drills for improvement of 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 aural-oral skills. Focuses on particular problem areas for English speakers. Prerequisite: GER 204 or equivalent.

GER 302
German Composition
3 credit hours
The development of writing skills through applied stylistic analysis and practical compositional exercises. Prerequisite: GER 301.

GER 303
Survey of German Literature I
3 credit hours
A study of German literature from its beginning to 1750. Prerequisite: GER 204 or equivalent.

GER 304
Survey of German Literature II
3 credit hours
A study of German literature from 1750 to the 20th century. Prerequisite: GER 204 or equivalent.

GER 305
German Civilization and Culture
3 credit hours
A study of the historical, political, and cultural development of Germany with emphasis on the present. (Does not count toward a German major. Taught in English.) Prerequisite: Ger 204 or equivalent

GER 306
Business German
4 credit hours
A practical workshop in using German in the work-place, with emphasis on vocabulary of office procedures and international marketing. Prerequisite: GER 204.

GER 403
The Age of Goethe
3 credit hours
A study of selected works by Goethe. Prerequisite: GER 303 or 304.

GER 404
Novelle
3 credit hours
A study of the major authors of the German Novelle from Goethe to the present. Prerequisite: GER 303 or 304.

GER 407
Lyric Poetry
3 credit hours
A study of German lyric poetry from 1600 to the present. Prerequisite: GER 303 or 304.

GER 409
German Novel
3 credit hours
A study of the German novel from the 18th century to the present. Prerequisite: GER 303 or 304.

GER 450
Internship
1-3 credit hours
Systematic and supervised practicum in a German-speaking community. Application of German oral communication and writing skills. Credit varies, depending on time involved on-site. Prerequisites: GER 204; permission of the department.

GER 451
Special Readings
1-3 credit hours
Special readings in German to cover general or specific areas as determined by the professor to meet the needs of the student. Prerequisites: German major, arrangement with professor, and department permission.

GER 457
Methods for Modern Language Curriculum Instruction
3 credit hours
A course designed to provide foreign language majors with concepts needed for language learning and instruction. Includes the historical background of the teaching of modern language. Discusses Foreign Language in the Elementary School (FLES), immersion programs, and issues concerning high school programs. (Crosslisted with FRE 457 and SPA 457.)

GER 498
Senior Paper Bibliography
1 credit hour
A directed activity designed to assist the student in preparing a research bibliography investigation that includes an annotated bibliography, detailed outline, and introductory chapter of the senior paper. (This is the first of two senior paper courses.) Prerequisites: German major; permission of the instructor and the department.
**Course Descriptions**

**GER 499**  
*Senior Paper*  
2 credit hours  
Directed individual study for seniors pursuing research and the writing of the required senior paper. (This is the second of two senior paper courses.)  
Prerequisite: GER 498.

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

### GRADUATE FINANCE (GFIN)

**GFIN 500**  
*Internship*  
1-3 credit hours  
A practicum in which the student works one-on-one with an employer to make recommendations for improvement in the work force. The student's work includes both a closely supervised environment and projects of personal initiative.  
Prerequisite: Twelve hours of leveling and/or graduate courses.

**GFIN 514**  
*Investments*  
3 credit hours  
Designed to serve investors who are or will be actively developing and monitoring their own investment portfolios. Includes techniques, vehicles, and strategies for implementing investment goals in a portfolio context and in light of risk-return trade-offs. Includes an overview of personal finance and investments and specific investment topics such as common stocks, mutual funds, commodities, and real estate. Emphasizes using Value Line Investment Survey to evaluate common stocks and Morningstar's Mutual Fund Value to evaluate mutual funds.  
Prerequisites: Graduate standing; completion of undergraduate finance and accounting classes.

**GFIN 550**  
*Commercial Bank Management*  
3 credit hours  
A course designed to further develop the student's understanding of the banking environment. It is also designed to bring into perspective the significant changes that have taken place in the banking community the past few years and how to deal with the challenges ahead. Emphasizes the areas of new legislation, regulation, financial market, deposits, lending, and overall bank management. (This course is intended for those students in the M.B.A. program with concentration in finance. Crosslisted with FIN 428.)

**GFIN 555**  
*Entrepreneurship*  
3 credit hours  
A study of the art and science of entrepreneurship. Develops technical knowledge through discussion of the tools needed to successfully start and operate a business. Emphasizes the qualitative aspects of entrepreneurship. (Crosslisted with MGT 421.)

**GFIN 561**  
*Capital Markets*  
3 credit hours  
An introduction to the methods of securing growth financing through domestic and global private capital markets. (Crosslisted with FIN 461.)  
Prerequisite: FIN 338.

**GFIN 563**  
*Finance*  
3 credit hours  
Emphasizes the managerial functions of planning, organizing, directing, staffing, and controlling as they relate to administration of the finance function. Discusses the relationship of finance to other business functions of production, marketing, and accounting. A top management perspective of policy, strategy, and decision-making is taken. Applies finance concepts, principles, techniques, and tools of analysis through problem solving.  
Prerequisite: FIN 338.

**GFIN 572**  
*Principles of Estate Planning*  
2 credit hours  
An overview of estate planning in light of the federal transfer tax system, including federal gift taxation, federal and state estate taxation, and federal generation-skipping transfer taxation. Examines various forms of property ownership and introduces various tools and planning strategies that minimize the costs, fees, taxes, and time delays associated with the transfers of those various ownerships and the related tax implications.  
Prerequisite: Covere FIN 472.

**GFIN 573**  
*Development of NonProfit Organizations*  
2 credit hours  
An overview of the development of nonprofit organizations from a donor relations and financial perspective. Examines nonprofit financial development through the creation and implementation of charitable giving systems utilizing current and deferred gifts, planned giving, capital campaigns, estate planning, and various other forms of giving—all with a view toward donor relations and tax implications to the donor.

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

### GRADUATE HEALTH PHYSICAL EDUCATION AND RECREATION (GHPE)

**GHPE 503**  
*Graduate Health Fitness*  
1 credit hour  
Develops an understanding of and personal appreciation for the relationship of physical activity and fitness to health. Emphasizes the concept of health fitness, cardiorespiratory system, nutrition and body composition, muscular-skeletal fitness, and stress management. Includes consumer health information and a required weekly physical activity lab. (Crosslisted with GHPE 703.)  
Prerequisites: Graduate standing and medical assessment.

**GHPE 515**  
*Graduate Aerobics*  
0.5 credit hour  
A flexible course designed to help graduate students meet the ORU fitness and lifestyle requirement. (No walking or modified field tests allowed. Crosslisted with GHPE 715.)  
Prerequisites: HPE 001 and 002 or GHPE 503 or GHPE 703; graduate standing.

**GHPE 525**  
*Graduate Walk For Fitness*  
0.5 credit hour  
A course designed for graduate students who need a walking program and field test. (Crosslisted with GHPE 725.)  
Prerequisites: HPE 001 and 002 or GHPE 503 or GHPE 703; graduate standing.

**GHPE 703**  
*Graduate Health Fitness*  
1 credit hour  
Develops an understanding of and personal appreciation for the relationship of physical activity and fitness to health. Emphasizes the concept of health fitness, cardiorespiratory system, nutrition and body composition, muscular-skeletal fitness, and stress management. Includes consumer health information and a required weekly physical activity lab. (Crosslisted with GHPE 503.)  
Prerequisite: Doctor of ministry student and medical assessment.

**GHPE 715**  
*Graduate Aerobics*  
0.5 credit hour  
A flexible course designed to help graduate students meet the ORU fitness and lifestyle requirement. (No walking or modified field tests allowed. Crosslisted with GHPE 515.)  
Prerequisites: HPE 001 and 002; or GHPE 503 or 703; doctor of ministry student.

**GHPE 725**  
*Graduate Walk For Fitness*  
0.5 credit hour  
A course designed for graduate students who need a walking program and field test. (Crosslisted with GHPE 525.)  
Prerequisites: HPE 001 and 002; or GHPE 503 or 703; doctor of ministry student.

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

GINB 560 International Finance 3 credit hours
A course designed to prepare students to successfully negotiate the financial transactions that are part of international commerce. Topics include arrangement of credit, risk management, currency exchange, hyper-inflation, and capital budgeting in the multinational enterprise.

GINB 570 International Marketing 3 credit hours
Designed to provide an analysis of the five “Ps” of marketing as they relate to the globalization of the economy. Emphasizes contemporary periodical articles, as well as textual materials. The course is augmented with case analysis and student projects to highlight both the theoretical and the operational aspects of international marketing. (Crosslisted with MGT 381.)

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, communication, and controls. Analyzes new perspectives on management and incorporates extensive research. Focuses on the challenge of change, qualitative research. Focuses on the challenge of change, qualitative tools, the ethical and moral environment, and the prospects for management in the next decade. (Crosslisted with MGT 443.)

GMGT 553 Organizational Behavior 3 credit hours
A study of individual and group behavior and dynamics within organizations, with an emphasis on motivation, leadership, stress, group and intergroup dynamics, conflict, power and politics, and culture. (Crosslisted with MGT 353.)

GMGT 556 Small Business Basics 3 credit hours
A survey of management principles concerning planning, organizing, directing, controlling, and staffing at the organizational level in the small business environment. (Crosslisted with MGT 422.)

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

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

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

GMGT 585 Quantitative Management 3 credit hours
A study of the use of computer applications to improve managerial data analysis and decision-making skills. Excel and varied Excel Add-In software are used with an integrated business database to teach varied statistical, decision modeling, and simulation techniques related to managerial decision making. Prerequisites: Prior computer course and permission of Graduate Business. User license: $30.

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

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

GRADUATE MARKETING (GMKT)

GMKT 500 Internship 1-3 credit hours
A practicum in which the student works one-on-one with an employer to make recommendations for improvement in the work force. The student’s work includes both a closely supervised environment and projects of personal initiative. Prerequisite: Twelve hours of leveling and/or graduate courses.

GMKT 533 Consumer Behavior 3 credit hours
A study of the consumer as the focal point in a dynamic economic system. Explores a large body of published and unpublished literature, discusses generalizations, and develops various practical implications of consumer information processing. Such an approach leads to the exploration and use of new marketing techniques and methods. (Crosslisted with MKT 333.)

GMKT 534 Promotional Management 3 credit hours
A study of the process of analyzing, planning, and evaluating promotional strategy and management. Examines the varied elements of advertising, personal selling and sales promotion, and optimum promotional mix, through integration and organization. (Crosslisted with MKT 334.)

GMKT 535 Services Marketing 3 credit hours
Teaches students how to apply prior marketing knowledge and strategy development to the services sector,
thus challenging students to implement competitive service strategies for customer-focused management. Emphasizes using frameworks for increasing customer satisfaction and retention.
Prerequisites: MGT 130 and MKT 130

GOVT 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.

GOVT 564
Marketing Management
3 credit hours
An examination of marketing concepts, policies, and procedures related to consumer and industrial goods. Emphasizes analytical tools used in marketing decision-making. Includes all aspects of marketing and provides additional depth and applications through case studies.
Prerequisites: MGT 130 and MKT 130.
Prerequisite or corequisite: GBUS 574.

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

GOVERNMENT

( GOV )

GOV 101
American Government and Politics
3 credit hours
A study of the institutions and processes of American government and politics at the national, state, and local levels, with attention to policy-making and the relationship between citizenship and Christian faith. (Honors sections are available for this course.)

GOV 201
Introduction to Political Science
3 credit hours
A description and evaluation of government including the basic content and methods of political science.

GOV 205
Political Science Research Methods
3 credit hours
Introduces students to methods of conducting professional research in the field of political science. Students learn to do political analyses and write a research prospectus. (This is a writing-intensive course.)

GOV 305
Comparative Government
3 credit hours
Provides students with an understanding of the successive paradigms or worldviews in Western American civilization and their consequences upon political and economic institutions. Prepares students for Biblical Christian leadership.

GOV 311
International Relations
3 credit hours
A survey of topics germane to international relations, including nation-states, sovereignty, war and peace, supranational and transnational organizations, and international law. Also includes a component on world geography.

GOV 321
Legislative Process
3 credit hours
A study of the law-making process in the United States Congress with attention to presidential, bureaucratic, and judicial influences. Surveys the legislative processes of state and foreign governments.

GOV 322
Political Parties and Elections
3 credit hours
An analysis of the functions and internal operations of American political parties and interest groups as they act in the electoral and legislative processes and compares them to political parties and electoral systems in other countries.

GOV 323
American Political Leadership
3 credit hours
An in-depth study of the origin and historical and political evolution of the highest elected office in the free world. Explores the presidency, as well as its relationships with Congress, the Supreme Court, the bureaucracy, states, and localities. Also deals with possible reforms for improving the effectiveness of the office.

GOV 331
Western Political Theory
3 credit hours
A study of the great political thinkers from Plato to the present. Examines the spread of Christianity and the development of political theory, institutions, and concepts of justice and law in the West.

GOV 335
Christian Faith and Government: Theory
3 credit hours
Explores the Bible's teachings on politics and government. Includes Jewish and Christian political history and how it influences the Western world.

GOV 336
Christian Faith and Government: Practicum
3 credit hours
Applies Biblical principles to current political situations. Studies appropriate methods of access to and influence upon American government. Includes field trips to appropriate government locations.

GOV 341
Public Administration
3 credit hours
A study of the application of public policy at all levels of government. Analysis of problems in public financing and budgeting, organization and personnel, the legal context, and the relationship of bureaucracy to the public interest.

GOV 370
Area Studies
3 credit hours
Focuses on a specific area of the world, such as Asia or Latin America. Content varies.

GOV 381
American Foreign Policy
3 credit hours
An in-depth analysis of the significant persons, ideas, events, issues, and trends in the history of international politics, American foreign relations, and statecraft.

GOV 391
International Political Economy
3 credit hours
A survey of integral persons, ideas, events, issues, and trends relative to the rise and decline of the market system of economics in both domestic and international economic policy.

GOV 450
American Jurisprudence
3 credit hours
Examines the history of both secular law and divine law through the Judeo-Christian perspective. It also covers the basics of legal research, legal reasoning, criminal law, torts, and property.

GOV 451
American Constitutional Law
3 credit hours
A study of the development and current applications of the U.S. constitutional process, emphasizing judgments of the Supreme Court in selected precedent-setting cases. Analyzes effects of this process upon the fundamental structure of the American political, economical, and social systems.

GOV 452
Civil Liberties and Civil Rights
3 credit hours
An expansion of topics covered in GOV 451. Examines the role of a Christian and basic American civil liberties and freedoms in relation to the demands for a well-ordered society.

GOV 453
Criminal Procedure
3 credit hours
Explores and explains the criminal justice process, examining the accused's rights under the Bill of Rights, as well as the roles of the prosecuting and defense attorneys and the federal judicial system.

GOV 454
Judicial Policy and Process
3 credit hours
An introduction to the basic constitutional function of the court system.

GOV 461
Public Policy Analysis
3 credit hours
A study of the intellectual frameworks used in the formulation and implementation of public policy, as well as the individuals responsible for making policy. Analyzes and evaluates contemporary political, social, and economic issues.

GOV 479
Readings in Government
1-3 credit hours
An investigation of subjects dictated by student need and faculty expertise. Examples include “Campaigns and Political Parties,” “Comparative Communism,” and “Politics and Markets.” (The course may be taken more than once for credit.)
GRADUATE PROFESSIONAL EDUCATION (GPED)

Note: Admission to the Professional Education Program is a prerequisite for most GPED courses.

GPED 502 Health Care for Education Majors 1 credit hour
A course providing a variety of competencies in health, safety, and related areas for education majors. Emphasizes the teacher's role in addressing health needs of school-age children, including appropriate response to emergency situations and recognition of common childhood illnesses. (Crosslisted with PED 222.)

GPED 503 History and Philosophy of Education 3 credit hours
Overview of various philosophies of education with emphasis on the implications of their presuppositions on educational theory and practice. Includes an analysis of educational problems and issues in education using the tools of history and philosophy of education and the implications on educational theory and practice in an institution.

GPED 504 Curriculum Theory and Practice 3 credit hours
An analysis of the theory and philosophy of selected curriculum theories and strategies in both public and private schooling. Applies research-based principles and practices to the evaluation of teaching and learning.

GPED 505 Pedagogy I 3 credit hours
A study of cultural diversity combined with the knowledge of English language learners and students with disabilities. Uses the teacher candidates' knowledge of diversity and apply it through technology in the classroom to educate all learners. (Crosslisted with PED 305.) Prerequisite: Major in K-12 or secondary education.

GPED 506 Pedagogy II 3 credit hours
A study of human life development from conception through adolescence with more emphasis on middle school secondary school students. Management of classroom routines and behavior interwoven into the course with information on assessing students learning. Includes a 20 hour practicum. (Crosslisted with PED 306.) Prerequisite: GPED 505.

GPED 513 Human Growth and Development 3 credit hours
A study of human life from conception through adolescence. Emphasizes the continuity of developmental phases of infants, children, and adolescents, delineating the interrelationships among various aspects of development—biological, cognitive, emotional, social. (Crosslisted with PED 313.)

GPED 533 Advanced Educational Psychology 3 credit hours
An advanced study of motivation, learning, and psychology as applied to classroom learning. Includes how learning, environmental, and personality factors interact to change human behavior.

GPED 563 Educational Technology 3 credit hours
Focuses on the selection, preparation, use and sources of media and computer technologies for future teachers. (Crosslisted with PED 363.) Educational technology fee: $25.

GPED 571 Professional Education Seminar/Portfolio 0-1 credit hour
Aids student teachers in the construction of a professional portfolio that fulfills requirements of the School of Education and reflects competencies required for teaching licensure in the State of Oklahoma. (Crosslisted with PED 361.)

GOV 487 Oklahoma Intercollegiate Legislature Internship 1-3 credit hours
Designed to introduce the legislative process, including parliamentary debate, Roberts Rules of Order, and an overall knowledge of how to conduct oneself in a live legislative debate format. Oklahoma Intercollegiate Legislature (O.I.L.) is a mock legislative process conducted at the Oklahoma state capitol twice each year. Internships are available in local, state, national, and international organizations and government staff and agencies. (The number of credit hours and work required is largely dependent upon faculty-student discussion and the internship requirements.)

GOV 488 Model United Nations Internship 1-3 credit hours
An introduction to the function and role of the United Nations in international affairs; the practical application of the diplomatic process, including parliamentary debate; and an overall knowledge of how to conduct oneself in a live diplomatic debate format. The Model United Nations (M.U.N.) is a simulation of the general assembly process conducted in St. Louis in late February of each year.

GOV 489 American Studies Internship 1-3 credit hours
An internship in a local, state, national, and even international organization. (The number of credit hours and work required is largely dependent upon faculty-student discussion and the internship requirements.)

GOV 499 Senior Paper/Project 3 credit hours
Student preparation of a research paper under the direction of a faculty member. Includes instruction in research methods and styles and in critiquing written materials. Students eligible for graduation honors must complete a successful oral defense before a faculty committee. Prerequisites: Senior standing.

GOV 499 1-6 credit hours
Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.) Prerequisite: Approval by petition to department chair.

GRADUATE NONPROFIT MANAGEMENT (GNPM)

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

GPED 502 Health Care for Education Majors 1 credit hour
A course providing a variety of competencies in health, safety, and related areas for education majors. Emphasizes the teacher's role in addressing health needs of school-age children, including appropriate response to emergency situations and recognition of common childhood illnesses. (Crosslisted with PED 222.)

GPED 503 History and Philosophy of Education 3 credit hours
Overview of various philosophies of education with emphasis on the implications of their presuppositions on educational theory and practice. Includes an analysis of educational problems and issues in education using the tools of history and philosophy of education and the implications on educational theory and practice in an institution.

GPED 504 Curriculum Theory and Practice 3 credit hours
An analysis of the theory and philosophy of selected curriculum theories and strategies in both public and private schooling. Applies research-based principles and practices to the evaluation of teaching and learning.

GPED 505 Pedagogy I 3 credit hours
A study of cultural diversity combined with the knowledge of English language learners and students with disabilities. Uses the teacher candidates' knowledge of diversity and apply it through technology in the classroom to educate all learners. (Crosslisted with PED 305.) Prerequisite: Major in K-12 or secondary education.

GPED 506 Pedagogy II 3 credit hours
A study of human life development from conception through adolescence with more emphasis on middle school secondary school students. Management of classroom routines and behavior interwoven into the course with information on assessing students learning. Includes a 20 hour practicum. (Crosslisted with PED 306.) Prerequisite: GPED 505.

GPED 513 Human Growth and Development 3 credit hours
A study of human life from conception through adolescence. Emphasizes the continuity of developmental phases of infants, children, and adolescents, delineating the interrelationships among various aspects of development—biological, cognitive, emotional, social. (Crosslisted with PED 313.)

GPED 533 Advanced Educational Psychology 3 credit hours
An advanced study of motivation, learning, and psychology as applied to classroom learning. Includes how learning, environmental, and personality factors interact to change human behavior.

GPED 563 Educational Technology 3 credit hours
Focuses on the selection, preparation, use and sources of media and computer technologies for future teachers. (Crosslisted with PED 363.) Educational technology fee: $25.

GPED 571 Professional Education Seminar/Portfolio 0-1 credit hour
Aids student teachers in the construction of a professional portfolio that fulfills requirements of the School of Education and reflects competencies required for teaching licensure in the State of Oklahoma. (Crosslisted with PED 361.)

GPED 582 Educational Assessment 2-3 credit hours
Theory and application of educational evaluation and assessment including evaluation for planning and instruction; construction and evaluation of classroom tests; test values and limitations; evaluation and administration of standardized tests; portfolio development and evaluation; and grading and reporting procedures. (Crosslisted with PED 382.)

GPED 583 Statistical Research Methods 3 credit hours
An opportunity to apply educational research methods to answer statistical questions. Emphasis is on providing further information in an area of interest to the student.

GPED 584 Internship in K-12/Secondary Education 3 credit hours
Provides opportunities to observe K-12 or secondary school educational programs and to integrate theories of teaching with teaching practices. Each student is assigned to a practicing educator in a model K-12 or secondary school.

GPED 593 Assessment and Evaluation in Education 3 credit hours
An overview of the theory and application of educational evaluation and assessment including evaluation for planning and instruction; construction and evaluation of
classroom tests; test values and limitations; evaluation and administration of standardized tests; portfolio development and evaluation; and grading and reporting procedures. Gives practical applications for Christian school administrators.

**GPED 650**  
**Student Teaching: Away**  
4-10 credit hours  
In-class observation, teacher assistance, and student teaching under the professional supervision of a university supervisor and a cooperating teacher in a school outside the Tulsa area. Teacher candidates engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Crosslisted with PED 450.)  
Prerequisite: Admission to the Professional Education Program and acceptance of student teaching application; Permission of the dean.  
Course fee: $1000.

**GPED 665**  
**Student Teaching: Early Childhood**  
4-5 credit hours  
In-class observation, teacher assistance, and student teaching under the professional supervision of a university supervisor and a cooperating teacher in an early childhood classroom. Teacher candidates engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Crosslisted with PED 465.)  
Prerequisite: Admission to the Professional Education Program and acceptance of student teaching application.  
Corequisite: GPED 571.

**GPED 670**  
**Early Childhood Internship**  
3 credit hours  
Provides opportunities to observe early childhood educational programs and to integrate theories of teaching with teaching practices. Each student is assigned to a practicing educator in a model early childhood setting.

**GPED 675**  
**Student Teaching: Elementary**  
4-10 credit hours  
In-class observation, teacher assistance, and student teaching under professional supervision of a university supervisor and a cooperating teacher in an elementary school. Students engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Crosslisted with PED 475.)  
Prerequisite or corequisite: GPED 571.

**GPED 683**  
**Educational Research Design**  
3 credit hours  
Designed for graduate students desiring to develop a research proposal. Includes topic selection; library search; research methodology, design, and style; and techniques of writing. Provides students with an understanding of basic research methods related to the investigation of current educational issues or problems. (Offered online only.)

**GPED 685**  
**Student Teaching: 7-9**  
4-5 credit hours  
Seven-weeks (full-time) in-class observation, teacher assistance, and student teaching under professional supervision of a cooperating teacher in a junior high or middle school and a college supervisor. Students engage in both curricular and extracurricular programs. Includes theories of education, evaluation, and testing. (Crosslisted with PED 485.)

**GPED 690**  
**Directed Study**  
1-3 credit hours  
Allows the student to pursue a literature search and conduct a research project in education that pertains to the degree program and is of interest to the student. Special activities and/or projects may be suggested by the professor.

**GPED 693**  
**Thesis**  
3 credit hours  
Provides the culminating experience for the master of arts in education candidate. The candidate conducts a special investigation of an approved problem using appropriate research methods, submits the written thesis, and orally defends it in the presence of the candidate’s thesis committee. The thesis must be original in the field of education and original with the candidate.  
Prerequisites: Completion of a prospectus and arrangement with the chair of the student’s thesis committee.

**GPED 695**  
**Student Teaching: 10-12**  
4-5 credit hours  
Seven weeks (full-time) in-class observation, teacher assistance, and student teaching under professional supervision of a cooperating teacher in a high school and a college supervisor. Students engage in both curricular and extracurricular programs. Includes theories of education, evaluation, and testing. (Crosslisted with PED 495.)  
Prerequisite: GPED 571.

**GPED 703**  
**Advanced Psychology of Childhood and Adolescence**  
3 credit hours  
Traces the development of the individual from early childhood through the adolescent years. Includes studies in brain growth, development and dominance, and the resulting behavior of children and youth. Also includes a study of the behavioral and socio-cultural implications for elementary and secondary schools.

**GPED 713**  
**Educational Leadership, Supervision, and Evaluation**  
3 credit hours  
A study of basic principles and practices in modern school administration; current exemplary practices in supervision, group study, visitation, and exchange teaching concepts; and principles and methods to evaluate and improve teaching techniques.

**GPED 723**  
**School Finance**  
3 credit hours  
A study of the conceptual basis of the economics of education—both private Christian and public schools—as well as taxation, distribution systems, tuition, grants, and policy analysis. Also considers sources of funding, control of expenditures, general principles of financial administration, and a review of requirements of Oklahoma State Law concerning financial accounting and procedures. (Offered in Summer Institute only.)

**GPED 733**  
**School Law/Legal Issues in Education**  
3 credit hours  
Provides knowledge of the general principles of school law. Consideration is given to an understanding of legal implications of the operation and administration of private Christian and public school systems. Includes school law as it relates to the State of Oklahoma, the State Board of Education and the Attorney General. Consideration of PL94-142, Section 504 of the Rehabilitation Act, other Federal acts with impact on school district operations, and current issues affecting schools.

**GPED 743**  
**Organization and Administration of Public Schools**  
3 credit hours  
A survey of topics pertinent to public school administration including the organization and implementation of elementary, secondary, and vocational/technical school systems; roles and responsibilities of boards of education, superintendents of schools, principals, and other school staff; laws, procedures, regulations and policies related to management of certificated and noncertificated school staff; relationships between administration and other school personnel; and the recruitment, selection, promotion, morale, salary, and evaluation of staff.

**GPED 753**  
**Curriculum/Instructional Design and School Services**  
3 credit hours  
A critical study of foundations, procedures, and theories in instructional programs common in early childhood education and elementary and secondary schools; selection and organization of content, teaching techniques and materials; and the organization and implementation of instructional strategies in a school system.

**GPED 763**  
**Human Resources in Education**  
3 credit hours  
Designed to help prospective school administrators in the development of human relations skills, interpersonal relationships, and group process skills.

**GPED 773**  
**School Public Relations**  
3 credit hours  
Designed for graduate students desiring to develop a working knowledge of the functions of public relations in school leadership. Addresses concerns central to planning, developing, and implementing a practical and effective public relations program in a school setting.

**GPED 783**  
**Internship/Practicum in Elementary School Administration**  
1-4 credit hours  
Provides supervised, practical, and professional field experience in an area of elementary school administration for the advanced or graduate student. Subject matter varies within the department’s field of study.

**GPED 793**  
**Internship/Practicum in Secondary School Administration**  
1-4 credit hours  
Provides supervised, practical, and professional field experience in an area of secondary school administration for the advanced or graduate student. Subject matter varies within the department’s field of study.
GPED 803  
Guidance and Counseling for Elementary School  
3 credit hours  
A study of the concepts, procedures, and administration of a guidance and counseling program for elementary schools. Includes a study of the needs, design, implementation, coordination, and administration of an effective guidance and counseling program. (Offered by correspondence only.)

GPED 813  
Guidance and Counseling for Secondary School  
3 credit hours  
A study of the concepts, procedures, and administration of a guidance and counseling program for secondary schools. Includes a study of the needs, design, implementation, coordination, and administration of an effective guidance and counseling program. (Offered by correspondence only.)

GPED 823  
Group Relations/Multicultural Education  
3 credit hours  
Prepares educational leaders to deal with cultural diversity in the community, curriculum, and classroom. Examines current issues of multiculturalism in society and educational settings.

GPED 834  
Organization and Supervision of Programs for Exceptional Individuals  
3 credit hours  
The study of the exceptional child and the establishment of a program to identify, evaluate, remediate, and effectively manage the behavior of students with special academic needs. Also addresses the administrative plan and structure, including personnel, facility scheduling, program integration with existing curriculum and schedule, legal responsibilities and liabilities, parental involvement, and continued evaluation for each identified student. (Offered in Summer Institute only.)

GPED 835  
Advanced Theories of Learning and Brain Research  
3 credit hours  
An advanced study of current research and practices relating to theories of learning and brain research as it relates to education. Emphasizes practical classroom application of the research.

GPED 855  
Instructional Theory and Practice  
3 credit hours  
An analysis of the theory and philosophy of selected instructional strategies in both public and private schooling. Applies research based principles and practices to the evaluation of teaching and learning.

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

GRADUATE SPECIAL EDUCATION (GSED)

GSED 523  
Parent and Families of Students with Special Needs  
3 credit hours  
A study of counseling techniques and counseling theories, community resource agencies, and the use of the multidisciplinary team applied to counseling exceptional individuals and their parents. (Crosslisted with SED 323. Offered in Summer Institute only.) Prerequisite: GSED 553.

GSED 553  
Introduction to Special Education: Mild-Moderate Disabilities  
3 credit hours  
Acquaints students with different exceptionalities served in the schools. Focuses on assessment procedures, placement, methods, materials, and teaching strategies. (Includes a 15-hour practicum for undergraduates and a 30-hour practicum for graduates. Crosslisted with SED 353.)

GSED 563  
Effective Instruction for Students with Mild-Moderate Disabilities  
3 credit hours  
A comprehensive overview of the most current effective teaching strategies for special education. Provides a model for application to a variety of skill and content areas. Examines advances in technology, multicultural awareness, curriculum development, and thinking skills. Incorporates concrete, meaningful teaching activities and demonstrations. (Includes a practicum. Crosslisted with SED 363. Offered in Summer Institute only.) Prerequisite: GSED 553.

GSED 613  
Assessment and Program Planning  
3 credit hours  
Develops competencies in utilizing diagnostic instruments and interpreting evaluation results. The major components are (1) informal assessment procedures, (2) formal assessment procedures, (3) identifying performance discrepancies, (4) administration and interpretation of selected instruments, and (5) summarizing information in a written report. (Crosslisted with SED 313. Offered in Summer Institute only.) Prerequisite: GSED 553.

GSED 623  
Issues, Trends, and Curriculum Modification in Special Education  
3 credit hours  
Gives the student an understanding of adapting commercially prepared instructional materials and developing teacher-made materials to meet the unique needs of exceptional students. Emphasizes writing and implementing IEPs for both self-contained and mainstreamed placements. This course is a combination of field trips and outside club involvement with special needs students. (Includes a practicum. Crosslisted with SED 423. Offered in Summer Institute only.) Prerequisite: GSED 553.

GSED 652  
Behavior Management Strategies  
3 credit hours  
Examines strategies for managing disruptive behavior in the special education and regular classroom, preschool, and home. Includes practical techniques, philosophical, legal, ethical, and pedagogical issues. (Offered in Summer Institute only.) Prerequisite: GSED 553.

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

GRADUATE THEOLOGICAL AND HISTORICAL STUDIES (GTHE)

GTHE 507  
Holy Spirit in the Now  
2-3 credit hours  
An overview of the basic theological beliefs and lifestyle unique to Oral Roberts University. The course analyzes the Biblical concepts and principles of the Person and work of the Holy Spirit. It examines the gifts of the Holy Spirit and indicates how contemporary Christians may personally relate to them. Also examines the principles of seed-faith giving and living.

GTHE 508  
Signs and Wonders and the Healing Ministry  
1-2 credit hours  
Provides a Biblical, theological, and practical examination of signs and wonders and miracles in the ministry of the Church. The course provides practical, contemporary demonstration of this Biblical concept by exposing students to leaders in the Body of Christ who exercise signs and wonders in their ministries.

GTHE 517  
Seminar in Theological Research  
3 credit hours  
Designed to permit the theological research student to acquire a degree of expertise in the use of the library's many facilities. Emphasizes a working knowledge of research tools and research methodology. Discusses selective problems in theological research and addresses the scholarly process and modern information systems. Focuses on writing skills and the textual tradition embodied in book form. The course also examines the basic form, content, and style of an acceptable thesis.

GTHE 518  
Introduction to Theology  
3 credit hours  
Introduces the discipline of systematic theology and provides a comprehensive overview of Christian doctrine. (Designed for non-master of divinity students who require an introduction to the field of study.)

GTHE 539  
Black Church History and Theology  
3 credit hours  
An examination of the Black church, Black theology, and their contributions to the Kingdom of God and the Christian community. Examines the salvation experience of Black people, social issues, preaching, and worship.
The challenge of Jesus' prayer in John 17, "that all may...

An overview of the modern quest for Christian unity.

The Doctrine of Christian Unity
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.

Theological German
3 credit hours
Studies the German language for reading knowledge. Designed for the student entering graduate studies.

Theological French
3 credit hours
A reading course in theological French.

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.

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.

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.

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.

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.

Ecclesiology: Church in the 21st Century
3 credit hours
A study of the nature, forms, polities, marks, and functions of the church, including an examination of the church as a charismatic fellowship and the promise of a Trinitarian ecclesiology, with a view toward a practical vision for doing church work in today's world.

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.

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.

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.

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.

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

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.

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.

The Theology of Revival and Renewal
3 credit hours
A study of the Biblical and theological foundations for both the continual renewal of the Church and periodical revivals within the Church, including historical perspectives.

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.

Reformed Theology
3 credit hours

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.

Pneumatology
3 credit hours

The Pentecostal/Charismatic Movements in Historical Perspective
3 credit hours
A historical and theological overview and analysis of the roots and development of the classical Pentecostal movement, the healing revival, the Protestant charismatic movement, and the Catholic charismatic movement.
GTHE 696
Divine Healing: A Theological and Historical Study
3 credit hours
An examination of the theological and historical roots of the doctrine and practice of divine healing from the Apostolic period to the present, with special emphasis on the movement as it developed in America during the 19th and 20th centuries. Describes the special foundational relationship between the divine healing movement and the Pentecostal and charismatic movements.

GTHE 700
Post-Modernism and 21st Century Ministry
3 credit hours
An exploration of various expressions of a post-modern mood in popular culture and in philosophy and theology. Investigates ways in which Christian ministry in the 21st century can be pursued in light of strengths and weaknesses in post-modernism.

GTHE 744
Seminar in Historical Studies
3 credit hours
Discusses and presents research on selected themes in church history, historical theology, or related fields of interest.

GTHE 745
Seminar in Theological Studies
3 credit hours
Discusses and presents research on selected themes in theology and related fields.

GTHE 749
Directed Study
3 credit hours
Directed research and writing under the supervision of a faculty member on topics approved by the department and related to subject matter in the academic M.A. curriculum. Prerequisite: Admission to the academic master of arts program.

GTHE 756
Thesis Research
1 credit hour
Directed individual systematic research in preparation for the writing of a thesis. Prerequisite: Admission to the Theological/Historical Studies program.

GTHE 757
Thesis Writing
2 credit hours
Directed individual systematic research culminating in the writing of a thesis. Prerequisites: GTHE 756; Admission to the Master of Arts in Theological/Historical Studies program.

GTHE 760
Christology
3 credit hours
A Biblical, historical, and theological exploration of the person and work of Christ, with special reference to the practical implications of this doctrine for the disciple-making mission of the church.

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

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

GTHE 769
Ethics of Jesus
3 credit hours

GTHE 775
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. Prerequisite: Arrangement with professor, departmental permission, and proficiency as needed.

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

HOME SCHOOL EDUCATION (HED)

HED 372
Home School Administration and Organization
3 credit hours
A study of techniques useful in the administration and organization of the home school, including setting goals, scheduling and time management, lesson planning, student discipline, teacher training, record keeping, and legal issues. (Offered only through distance learning.)
HISTORY (HIS)

HIS 101
American History Survey
3 credit hours
An 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 323
The Middle Ages and the Reformation, 476 to 1650
3 credit hours
An examination of the religious, social, political, and economic aspects of the times from the fall of Rome to the Reformation throughout Europe. Focuses on the Christian, historical, and philosophical continuity and disparity that gave rise to the Renaissance, Reformation, and Counter-Reformation. Emphasizes the development and significance of the establishment of religious toleration.

HIS 324
Modern Europe, 1815 to Present
3 credit hours
An intensive study of Europe from 1815 to the present. Emphasizes those aspects of European civilization that led to the success of liberalism in some areas and failure in others and the developments that resulted in World War I, World War II, the dismantling of colonialism, the Cold War, and the European Union. Covers major historical themes and events and gives attention to subjects of less significance to Europe, such as Europe’s role in the Middle East.

HIS 340
Colonial America to Early National, 1607 to 1830
3 credit hours
Designed to give the student of American history and culture a background for study of later eras of the nation’s development. Focuses on the transportation of English culture to the eastern frontier of the New World during the 17th and 18th centuries. Presents the roles that French and Spanish civilizations played in forging the new Anglo-American character. Includes the Revolution, the formation of the Constitution, and the first decades of the young American nation as it created its own identity.

HIS 343
Civil War and Reconstruction U.S., 1830 to 1877
3 credit hours
A study of the political, social, economic, and intellectual roots of the Civil War; the war itself, and the period of Reconstruction during the decade following the war.

HIS 344
Early Modern United States, 1877 to 1929: Gilded Age to World War I
3 credit hours
An analysis of the foundations of the 20th-century United States. Includes the pre-eminence of big business, sub-ordination of politics, reform movements and organization of labor, the impact of urbanization and immigration, agri-culture and the completion of Manifest Destiny, cultural and intellectual trends and foreign affairs, the Progressive movement, international affairs and World War I, and economic and social trends of the twenties.

HIS 345
United States Since 1929
3 credit hours
A study of the New Deal and World War II, international politics and the Cold War, recent domestic politics, cultural and intellectual trends, and the U.S. in global perspective.

HIS 351
Evangelical and Charismatic Christianity in America
3 credit hours
Explores the roots of evangelical, Pentecostal, and charis-matic Christianity in America and traces the development of these movements up to the present. Emphasizes the Wesleyan revivals; the late-nineteenth-century holiness and Pentecostal movements in the American South; and the twentieth-century emergence of fundamentalism, neo-evangelicalism, the religious right, and the charismatic movement.

HIS 361
Colonial Latin America
3 credit hours
An examination of pre-Columbian cultures of the New World as well as the Spanish influence on them through discovery and conquest. Emphasizes the clash of cultures and the establishment of Spanish religious, social, and governmental patterns relevant to today.

HIS 362
Survey of Latin America
3 credit hours
A survey of the history of Latin America from the pre-Columbian period to the present. Presents an overview of the religious, cultural, political, and social institutions that make Latin America a unique region.

HIS 371
Islamic Middle East
3 credit hours
Explores the development of Islam and its influence on the history of the Middle East to 1798 and the invasion of Egypt by Napoleon. The first part of the course focuses on Muhammad and Islam, with all its tenets and sects.

HIS 372
Ancient Near East
3 credit hours
Charts the history of the Ancient Near East from the dawn of history—the beginning of writing—until the Persian Period. Includes the history of Israel, especially connections between Israel and her Old World neighbors. Focuses on the ancient kingdoms and peoples who made up the world of the Bible. Includes a discussion of the rediscovery of these antiquities, including the development of archaeology, the deciphering of languages, and the great finds and sites.

HIS 381
Modern China and Japan
3 credit hours
A survey of the influence of the ancient past of China, Japan, and the East Asian area in the 20th century. Major themes include Christian missions and China and Japan’s political, religious, and cultural past and present.

HIS 382
History of India and Southeast Asia
3 credit hours
A survey of the influence of the ancient past of India and Southeast Asia in the 20th century. Major themes include the European colonial legacy, nationalism, religion, Christian missions history, and recent developments.

HIS 425
Eastern European History
3 credit hours
Covers the history of Russia 1700-1917, the Soviet State 1917-1991, and eastern and central Europe. Emphasizes the spread of Marxism in the background and events of the 1917 revolutions, the establishment of the Soviet regime, the period of Nazism, and the evolution of the Communist Parties and the societies throughout the European Communist Block.

HIS 464
The Caribbean, Mexico, and Central America
3 credit hours
Examines issues in Latin American history and culture and emphasizes student research. An examination of the history of Mexico, Central America, and the Caribbean from pre-Columbian times until the present.

HIS 472
Twentieth Century Middle East
3 credit hours
Details the development of the nations of the Middle East from World War I to the present. Gives particular attention to the wars in the region and the strategic geo-political significance.

HIS 473
The Rise of Modern Israel
3 credit hours
Examines the history of the modern state of Israel from the appearance of modern Zionism to the present. Emphasizes the Arab-Israeli conflict and the wars in the regions.

HIS 477
Secondary Methods: Social Studies
3 credit hours
A course designed to prepare social studies education students with ideas and practical knowledge for the classroom. Focuses on materials and methods of teaching social studies core disciplines (history, government, geography) to middle and high school students. Includes materials and methods of teaching the related disciplines of economics, psychology, sociology, and anthropology.
HIS 479
Readings in History
3 credit hours
Special studies in history. Covers general or specific areas to meet student needs. Topics vary.
Prerequisites: Instructor permission and approval of the department chair.

HIS 483
Contemporary Asia, 1945 to Present
3 credit hours
A study of 20th and 21st century Asian history that has led to the present growth, issues, and concerns.
Included are the regions from India, Afghanistan, Pakistan, and western Russia to East Asia, Southeast Asia, Australia, and New Zealand. Covers political, societal, economical, cultural, and religious changes in light of modern and post-modern thought that have affected this area and conversely how Asia has affected and will continue to affect the world in the future. Includes Christian missions history.

HIS 490
Department Seminar
3 credit hours
Focuses on topics and geographic areas not covered in other courses. Topics may include women’s history, African history, and history of the American presidency. Seminar emphasizes student research.

HIS 491
History Internship
3 credit hours
An internship in a local, state, national, or international organization that is devoted to the study of historical research, writing, and practical experience.
Prerequisites: Permission of instructor; senior standing.

HIS 499
Senior Paper/Project
3 credit hours
A refresher course in research methods and in writing and critiquing research papers. Requires a 20-25 page historical research paper.

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

HONORS (HONR)

HONR 100
Freshman Honors Seminar
0 credit hour
Introduces first year honors students to the honors community at ORU. Seminar topics are selected to help expose new students to important issues such as scholarship, leadership, service learning, and prestigious scholarships. Includes a variety of activities, talk led by faculty and student leaders in the honors program, and small group discussion.
Prerequisite: Honors Fellow or Scholar standing.

HONR 101
Artistic Expression
3 credit hours
An interdisciplinary seminar in literature and art. Explores major developments in literature and the visual arts. Written and visual materials illustrate the ways that literature and art have converged and diverged in response to changes in worldview. Students use critical thinking and writing skills to evaluate the effects of shifts in the form and content of one medium on the other and the impact of those shifts on western culture. (This course substitutes for ENG 101).
Prerequisite: Honors Fellow standing.

HONR 102
Philosophy of Science
3 credit hours
A basic study of the philosophy of science, which includes a general understanding of philosophy and its impact on the natural sciences. Emphasizes the science and philosophy of origins, scientific ethics, Western scientific thought and its impact on Christian thought and practice, and formulation of a charismatic, evangelical response and perspective on the Western scientific enterprise. (This course substitutes for HUM 214.)
Prerequisite: Honors Fellow or Scholar standing.

HONR 201
Principles of Leadership
3 credit hours
An overview of the art and science of leadership and leadership development. Examines research-based models of interdisciplinary leadership and leadership development through reading, reflection, interaction, collaboration, team work, and problem solving. Emphasis is on understanding and developing emotionally intelligent leadership. (This course substitutes for the social sciences elective for general education.)
Prerequisite: Honors Fellow or Scholar standing.

HONR 202
History of Quantitative Thought
3 credit hours
An interdisciplinary course in mathematics and history. Explores the history of mathematics from ancient Greek and Babylonian periods to the dawn of modern mathematics (3000 B.C.-1600 A.D.). Explores the historical and cultural connections between mathematical innovations and the ambient social and philosophical climates in which they were developed. (This course substitutes for HUM 213.)
Prerequisite: Honors Fellow or Scholar standing.

HONR 301
Faith and Civilization in Context
3 credit hours
An interdisciplinary seminar in humanities and theology. Explores the various stages of Western civilization from the Roman Empire to the present and the impact and influence of the Christian faith upon it. (This course substitutes for HUM 111.)
Prerequisite: Honors Fellow or Scholar standing.

HONR 303
Science and the Imagination
3 credit hours
Examines the relationship of science and science fiction from a historical and critical viewpoint. Through lecture and discussion, students learn how science and science fiction influence each other. Students respond to readings through class discussion and appropriate writing. (This course substitutes for ENG 305.)
Prerequisite: Honors Fellow or Scholar; sophomore standing or higher.

HEALTH, PHYSICAL EDUCATION, AND RECREATION (HPE)

HPE 001
Health Fitness I
1 credit hour
Designed to develop an understanding of and personal appreciation for the relationship of physical activity and fitness to health. Emphasizes the concepts of health fitness through the conditioning of the cardiorespiratory system and the development of a healthy lifestyle. Includes consumer health information and a required weekly physical activity lab.
Prerequisites: Medical Assessment Course Fee: $30.

HPE 002
Health Fitness II
1 credit hour
A continuation of Health Fitness 001 course with an emphasis on total body health fitness. Focus areas include cardiorespiratory fitness, nutrition, body composition, musculo-skeletal fitness, and stress management. Includes consumer health information and a required weekly physical activity lab.
Prerequisite: HPE 001.

HPE 003-150
General Education Physical Activity Courses
0.5-1 credit hour
A variety of activity courses, such as swimming, tennis, and backpacking. (An activity class may be taken only twice for credit.)
HPE 003 Total Conditioning
HPE 005 Fitness Club
HPE 007 Basic First Aid and CPR and Fitness
HPE 012 Bowling and Fitness
HPE 016 Beginning Badminton and Fitness
HPE 017 Advanced Badminton and Fitness
HPE 020 Beginning Golf and Fitness
HPE 021 Advanced Golf and Fitness
HPE 024 Intermediate Swimming and Fitness
HPE 025 Aquatic Exercises
HPE 026 Beginning Swimming and Fitness
HPE 027 Swim Conditioning
HPE 028 Beginning Tennis and Fitness
HPE 029 Intermediate/Advanced Tennis and Fitness
HPE 030 Weight Training and Fitness
HPE 031 Advanced Weight Training and Fitness
HPE 036 Scuba and Fitness
HPE 037 Scuba Rescue and Fitness
HPE 038 Scuba Open Water and Fitness
HPE 039 Scuba Master Diver and Fitness
HPE 040 Advanced Scuba and Fitness
HPE 042 Creative Aerobics and Fitness
HPE 044 Step Aerobics and Fitness
HPE 045 Pilates for Chi...
HPE 097  Backpacking and Fitness
HPE 099  Aerobics Proficiency*
HPE 100  Walk for Fitness
HPE 101  Fitness for Life I
HPE 102  Fitness for Life II
HPE 120  Dance Aerobics Proficiency
HPE 124  Lifeguarding and Fitness

**Varsity**
HPE 034  Varsity Cheerleading and Fitness*
HPE 070  Varsity Basketball
HPE 071  Varsity Tennis
HPE 072  Varsity Baseball
HPE 073  Varsity Golf
HPE 075  Varsity Track and Field
HPE 076  Varsity Volleyball
HPE 079  Varsity Soccer

Prerequisites: HPE 001 and 002 or GHPE 503/703. Course fees: Backpacking, $60; golf, equestrian, lifeguarding, and bowling have fees that are subject to change.
*Additional prerequisites need to be met.

HPE 120  Dance Aerobics Proficiency
3 credit hours
Designed for dance majors, the course helps students to develop and implement a personal fitness exercise program through dance. Prerequisites: HPE 001 and 002; dance performance major.

HPE 200  Introduction to Health, Physical Education, and Recreation
3 credit hours
A study of the basic concepts and principles that form the foundation of health, physical education, and recreation. Designed to acquaint the student with the organized body of knowledge in the disciplines and provide an understanding of the management of their programs.

HPE 202  Introduction to Leisure Services
3 credit hours
The study of leisure with an emphasis on the role of leisure and recreation in American culture. Includes the relationships of leisure with religion, family life, business, employment, environmental concerns, and political/governmental issues.

HPE 228  Theory of Coaching
2 credit hours
Provides the foundation for coaching sports at any level. Discusses differences in the levels of competitive sport, emphasizes professional and personal development, and offers methods for constructing plans for meeting coaching goals.

HPE 231  Personal Health Science
3 credit hours
A study of critical personal health topics including drugs, mental health, stress management, smoking, alcohol, cancer, cardiovascular disease, nutrition, and weight management.

HPE 233  Safety and First Aid
3 credit hours
A study of accident prevention and personal safety. Includes practicing immediate first aid treatment. May earn American Red Cross Standard First Aid and CPR certificates.

HPE 314  Motor Learning, Games, and Adaptive PE
3 credit hours
Develops a knowledge of motor learning, elementary games, and activities essential to the growth and development of the elementary age child. Discusses knowledge, skills, and techniques for instruction in a variety of activities. Provides practicum experiences to enhance and reinforce class learning.

HPE 315  Organization and Administration of Programs
3 credit hours
Equips the student with a series of management, promotion, and other administrative tools necessary to successfully operate health and/or recreational facilities and programs. Presents design, implementation, evaluation, and problem-solving for health spas, recreation complexes, corporate fitness centers, and hospital wellness programs.

HPE 316  Kinesiology and Biomechanics
3 credit hours
An applied study of human performance, including musculoskeletal actions, analysis of sports skills, and training and conditioning techniques, with application of mechanical laws and principles to basic performance patterns. Prerequisites: HPE 319; or PHS 223 and 224.

HPE 318  Psychology of Sport
2 credit hours
Designed to provide preparation essential for the students' of the psychology of sport. Discusses psychological variables affecting motivation, anxiety, aggression, skill acquisition, and self-confidence.

HPE 319  Applied Anatomy and Physiology
4 credit hours
A study of gross structure and physiology of the human body. Includes the following systems: skeletal, muscular, articular, circulatory, respiratory, digestive, and endocrine. Explores the interplay of structure and function necessary in promoting efficient human movement. Examines the effects of exercise on each of the body's systems. Includes a weekly 3-hour lab.

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

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

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

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

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

HPE 353-360  Theory and Analysis of Teaching Sports and Physical Activities
2 credit hours each
Courses designed to provide preparation essential for the instruction of activities in the physical education and recreation setting. Emphasizes instructional methods, analysis of skill movements, and group organization. HPE 353  Soccer/Volleyball
HPE 354  Track and Field/Weight Training
HPE 356  Aquatics
HPE 357  Football/Badminton
HPE 358  Golf
HPE 359  Tennis/Pickleball
HPE 360  Softball/Basketball

HPE 402  Exercise Prescription for Special Populations
3 credit hours
A study of the aerobics concept of conditioning, with special emphasis upon the cardiorespiratory system and the relationship between lifestyle and the risk factors of heart disease. Students learn to write exercise prescriptions to maintain health and fitness for various populations (normal, young, rehabilitation, geriatric, etc.). Prerequisite: HPE 324.

HPE 412  Techniques of Health Fitness Evaluation
3 credit hours
A thorough analysis of evaluating an individual's strength, muscular endurance, cardiorespiratory fitness, flexibility, body composition, and nutritional status. Provides lab practice in the assessment of health fitness with special emphasis on ECG interpretation. Prerequisite: HPE 324.

HPE 451  Directed Study
1-3 credit hours
The study of an approved topic, project, or practicum.
Intended to supplement a subject already studied in an HPE class or to allow investigation of another subject or experience not addressed in a formal HPE class. Prerequisite: HPE major.

**HPE 452**

**HPE Methods and Evaluation**  
3 credit hours  
A course designed for future physical education teachers to develop knowledge in the areas of curriculum development, methods of teaching, techniques of measurement and evaluation, and organizing instruction for the elementary and secondary physical education programs. Focuses on applying contemporary theories and practices to the context of elementary, intermediate, and secondary school settings. Includes teaching processes that involve philosophy, motor learning, planning, organizing, presenting materials, evaluating, and reading current professional literature.

**HPE 481**

**Internship in Health and Exercise Science**  
2-12 credit hours  
Involvement in organizing and administering health fitness and physical therapy programs in one of several settings: health clubs, YMCAs or YWCAs, corporations, and medical facilities. (Credit varies according to the internship. The HPE Department chair and the student’s advisor approve the number of credit hours.) Prerequisites: HPE 324, 402, 412, plus HPE major or minor and senior status.

**HPE 482**

**Internship in Recreation Administration**  
2-6 credit hours  
Involvement in organizing and administering recreation-oriented programs in one of several settings: YMCAs or YWCAs, communities, schools, and recreation centers. (Credit varies according to the internship. The HPE Department chair and the student’s advisor approve the number of credit hours.) Prerequisites: HPE major or minor and senior status.

**HPE 499**

**Research in HPE (Senior Paper)**  
3 credit hours  
An independently guided study for the purpose of doing research in the field of emphasis. The outcome of this project is a well-written research paper that fulfills the senior paper requirements. Prerequisites: COMP 303; senior HPE major.

**HPE 999**

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

**HUMANITIES (HUM)**

**HUM 101**

**Humanitas: Introduction to Humanities**  
3 credit hours  
A topical approach to studying the state of the human race. Introduces students to multi-disciplinary study utilizing the humanities as a vital multi-tool to evaluate important issues facing humanity. Focuses on civilization through mythology, philosophy, culture, worldview, religion, politics, economics, and the human creative spirit. Emphasis is placed on developing critical and creative thinking skills as well as understanding ethics as a philosophical system to guide human behavior.

**HUM 111**

**Introduction to Humanities I**  
3 credit hours  
A survey and synthesis of the history, literature, culture, and worldviews of Greco-Roman Classical and Medieval Christian cultures. (Available only through distance learning.)

**HUM 112**

**Introduction to Humanities II**  
3 credit hours  
A survey and synthesis of the history, literature, culture, and worldviews of the late Medieval, Renaissance, and Reformation periods in Western civilization. Gives attention to the major world civilizations whose ideas, values, and cultures influenced Western experience. (Available only through distance learning.)

**HUM 213**

**Modern Humanities I**  
3 credit hours  
Focuses on human culture between 1650 and 1850 and reflects the modern search for reality and truth by people living then. Includes history, ideas, and institutions in the human search for meaning and purpose in life. (Available only through distance learning.)

**HUM 214**

**Modern Humanities II**  
3 credit hours  
Focuses on human culture between 1850 and the present and reflects the modern search for reality and truth since 1850. Includes history, ideas, and institutions in the human search for meaning and purpose in life. (Available only through distance learning.)

**HUM 222**

**Ancient and Medieval Humanities**  
3 credit hours  
A historical survey and worldview synthesis emphasizing philosophical, religious, political, economic, artistic, and aesthetic developments of human culture and civilization from the dawn of history to 1400 A.D. Focuses on the ancient world, Greece, and the classical past of the Western world, the Roman Empire, and Medieval Europe.

**HUM 233**

**Renaissance and Enlightenment Humanities**  
3 credit hours  
A historical survey and worldview synthesis emphasizing philosophical, religious, political, economic, artistic, and aesthetic developments of human culture and civilization from 1400 to 1800 A.D. Focuses on the Renaissance, the Reformation and Counter-Reformation, the Scientific Revolution, Western exploration and expansion, the Enlightenment, and the American Revolution.

**HUM 244**

**Romantic and Modern Humanities**  
3 credit hours  
A historical survey and worldview synthesis emphasizing philosophical, religious, political, economic, artistic, and aesthetic developments of human culture and civilization from 1800 to the present. Focuses on the Modern world, including Romanticism, the French Revolution, the Industrial Revolution, World Wars and conflicts, globalization, and the emergent Post-Modern culture.

**HUM 250**

**Art History Survey I**  
3 credit hours  
A study of the world arts, artists, and their cultures from prehistoric times through the Gothic Period. (Crosslisted with ART 103.)  
Course fee: $15.

**HUM 255**

**Art History Survey II**  
3 credit hours  
A study of world painting, sculpture, and architecture from the birth of the Italian Renaissance through the eighteenth century. (Crosslisted with ART 104.)  
Course fee: $15.

**HUM 260**

**Music Appreciation**  
3 credit hours  
A non-technical course aimed at increasing the enjoyment and appreciation of music by the listener with little or no previous music background. Includes a brief survey of music history and the basic principles of music form as illustrated by masterworks. (Crosslisted with MUS 300.)

**HUM 270**

**Introduction to Theatre**  
3 credit hours  
A study of the various elements and functions of theatre in society. Focuses on becoming an intelligent artistic critic and evaluating art from a Christian perspective. Provides the student with an overall introduction to the theatre arts. Includes theatre as an art form, the basic elements of a play, the role of the critic, the audience, the scene designer, the director, the customer, and the director. Places special emphasis on developing evaluative skills while watching theatre. (Crosslisted with DRAM 215.)

**HUM 300**

**Cultural Periods**  
3 credit hours  
An analysis of the range of cultural expressions in a designated time period. Examples include “The Ancient World, 2000 B.C. to A.D. 400”; “Comparative Culture, 1650 to 1800”; and “Immediate Precedents, and Developments from 1918 to 1960.”

**HUM 301**

**Christian Worldview and Culture**  
3 credit hours  
Examines the nature and function of belief structures and the value of developing a distinctly Christian worldview based on foundational Biblical themes such as the Creation, humanity in God’s image, sin and the fall of man, evil, redemption, and restoration. Compares and contrasts various worldviews using the philosophical categories of metaphysics, epistemology, and axiology. Surveys shifts in worldviews over time and examines worldviews as observed in art, literature, music, history, economics, politics, and religion.

**HUM 333**

**Humanities Travel Studies**  
3 credit hours  
Foreign travel with humanities faculty or with other pre-approved trips abroad that provide first-hand encounters with the culture and history of a nation or region of the world. Students visit historic sites and hear lectures explaining the history, geography, literature, and art of each region they visit. Includes pre-travel cultural studies as well as post-travel writing assignments that
include selected readings from the departmental humanities textbook.

**HUM 350**  
**Area Studies**  
3 credit hours  
A survey of the culture of a specific world region. Examples are “Islamic Culture, A.D. 600 to the present”; “Latin America, Civilization, and Culture”; and “Africa, Precolonial Civilizations to Modern Nationhood.” (Honors sections are available.)

**HUM 400**  
**Major Figures**  
3 credit hours  
A study of great human beings, so called because they are human definitions and expositions of great ideas and spiritual insights. Students learn to view people who fit this mold as an integration of vital humanities patterns.

**HUM 450**  
**Thematic Readings**  
3 credit hours  
Topics relevant to civilization and the nature of human experience across time and cultures. Examples include “Nationalism and National Conflict” and “Humanism, Scientism, and Modern Society.”

**HUM 490**  
**Integrative Seminar**  
3 credit hours  
The humanities minor capstone course. Focuses on evaluating the meaning of contemporary human experiences and integrating historical, philosophical, theological, aesthetic, social-political, and economic aspects as appropriate.

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

**INTERACTIVE MEDIA (INT)**

**INT 201**  
**Introduction to Interactive Media**  
3 credit hours  
Introduces students to the Internet and other interactive technologies. Concepts and formats include those common to most interactive, computer-controlled technologies such as CD-ROM, DVD, hand-held devices, video games, interactive television, virtual reality, and other new technologies. Course fee: $40.

**INT 202**  
**Introduction to 3-D and Animation**  
3 credit hours  
Provides a general overview of principles related to animation and 3-D computer graphics. Focuses on modeling, texturing, and animating simple objects.

**INT 212**  
**Workshop: Interactive Media**  
1-3 credit hours  
Experience in reporting, writing, and posting breaking news and features as well as photos and video for the online Website associated with ORU Student Publications. Students are assigned a beat and work as a team to produce campus news coverage as part of a 24/7 operation.

**INT 301**  
**Intermediate Interactive Media**  
3 credit hours  
A survey of new communication technologies in the United States, including their applications and effects. Provides a balance between concepts and application. Guest speakers offer insights on specific topics in telecommunications economics and policy. (This course is taught in the Multimedia Institute.) Prerequisites: INT 202. MMf fee: Cost of the student’s high-end laptop computer and programs.

**INT 302**  
**Advanced 3-D and Animation**  
3 credit hours  
Provides an advanced overview of principles related to animation and 3-D computer graphics. Improves student ability to model, texture, and animate objects as they learn advanced techniques related to topics such as layout customization, lighting, hyper-voxels, surfacing, skin/gons and other issues.

**INT 401**  
**Advanced Interactive Media**  
3 credit hours  
Introduces students to methods and tools required to produce computer-based interactive media such as CD-ROMs, the web and an introduction to DVDs. Emphasizes hands-on mini-projects that require the use of authoring, video, graphics and audio editing software. Principal tools include Macromedia Director/Flash/Dreamweaver, Adobe Premiere/After Effects/Photoshop/Illustrator software. Prerequisites: Instructor’s permission. Course fee: $40.

**INT 499**  
**Senior Research Project**  
3 credit hours  
Specialized research culminating in a senior paper and/or other approved project. Prerequisite: Permission of instructor. Course fee: $40.

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

**INTERNATIONAL STUDIES (IS)**

**IS 301**  
**Christian Worldview**  
3 credit hours  
A study of the Christian worldview and how it should form the conceptual foundation for human thought and action within a culture of competing worldviews. In a time of growing anti-intellectualism in the Church and marginalization of Christianity in society, this course provides the understanding necessary to effectively communicate the truth of Christianity so that society can be transformed. Addresses practical application of Biblical principles to current cultural issues. (Crosslisted with GCSE 511.)

**IS 350**  
**Internship in International Studies**  
3-12 credit hours  
A supervised, on-the-job experience with an approved business, industry, government, or mission agency. The intern puts into practice the skills and knowledge gained from the chosen areas of concentration. May be done in the U.S. or abroad.

**IS 361**  
**Foundations of International/Community Development**  
3 credit hours  
Provides an overview of International/Community development as a profession. Emphasizes the integration of knowledge from many disciplines such as economics, sociology, missions, and politics. Demonstrates how theory, research, teaching, and practice are important and interdependent functions that are vital in the public and private sectors.

**IS 370**  
**Problems in International/Community Development**  
3 credit hours  
Directed independent research on a contemporary problem or topic in international studies and community development. This course is offered by arrangement with a faculty member in international studies. A written report and/or an oral presentation are required.

**IS 391**  
**Seminar in International/Community Development**  
3 credit hours  
In-depth studies of the various areas of ministry and opportunities in international/community development, including a survey of current needs around the world.

**IS 462**  
**Needs Assessment and Program Evaluation**  
3 credit hours  
Focuses on the elements and processes of needs assessments, program planning and development, proposal writing, and program evaluation. Students gain experience and skills by developing and writing a funding proposal.

**IS 499**  
**Senior Seminar and Paper**  
3 credit hours  
A capstone course required of all ICD seniors. Contains two distinct phases: directed individual research and writing of the senior paper and the planning, preparing, and delivery of a seminar presentation. Students eligible for graduation honors must complete a successful oral defense of the senior paper before a faculty committee. Prerequisite: IS 350.

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

JRN 107
Newswriting I
3 credit hours
Introduces students to newspaper, reporting, and writing. Prerequisites: MMC 104 and typing ability. Corequisites: JRN 108. Course fee: $20.

JRN 108
Newswriting I Lab
1 credit hour

JRN 205
Writing for the Media
3 credit hours
An advanced course in writing for mass media. Introduces complex concepts and methods of journalism for all areas of mass media, especially writing news and feature stories for print and writing for broadcast news, radio news, television and cable news, public relations, advertising, promotions, and the web. Prerequisites: MMC 104 and 107. Course fee: $20.

JRN 214
Workshop: Newspaper
1-3 credit hours
Provides indepth experience in various aspects of newspaper journalism on the ORU campus under the guidance and critical evaluation of a professor or advisor associated with The Oracle, the ORU student newspaper. Students are involved in the production of articles for The Oracle and/or in the editorial or business management of the publication. (May be repeated for credit.) Prerequisite: Instructor's permission. Course fee: $20.

JRN 215
Workshop: Newsgathering
1-3 credit hours
Experience in field reporting, research, gathering, and anchoring news production. Students are assigned a beat and work as a team in producing a weekly 30-minute newscast. (May be repeated for credit.) Prerequisites: MMC 107 or 205; MMC 203 and 432. Course fee: $40.

JRN 305
News Editing
3 credit hours
A study of the use of principles and practices involved in editing copy (manually and electronically), writing headlines, and doing page layouts for small daily and weekly newspapers. Prerequisites: ENG 101; MMC 104, 107; and MMC 317 recommended.

JRN 317
Investigative Reporting
3 credit hours
Combines basic reporting skills with practical experience, including news writing, press conferences, and interviews. Prerequisites: MMC 107 and 104; typing ability. Course fee: $40.

JRN 321
Media Law and Ethics
3 credit hours
A historical examination of the development of legal casework affecting journalists and media communicators. Uses a case study approach involving copyright, freedom of press, freedom of speech, libel, defamation, right of privacy, and obscenity. Prerequisite: Junior or senior standing in Mass Media Communication.

JRN 332
Journalism Seminar
3 credit hours
A multi-directional course with rotating course content emphasizing multiple areas of basic and advanced journalism studies. Includes editing for print, newspaper design and layout, and journalistic ethics. Prerequisites: MMC 107 and 205.

JRN 444
Feature Writing
3 credit hours
An in-depth study of techniques required to conduct creative interviews and to research, write, and sell feature articles. Prerequisite: MMC major; MMC 104, 107, 317.

JRN 499
Senior Research Project
3 credit hours
Specialized research culminating in a senior paper and/or other approved project. Prerequisite: Permission of instructor. Course fee: $40.

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

LEADERSHIP STUDIES (LEAD)

LEAD 399
Leadership Studies Practicum
3-9 credit hours
An internship involving leadership in a local, state, national, international, or non-profit organization, or a business, church, or other suitable site. Prerequisites: Permission of Instructor.

LEAD 499
Senior Paper Leadership Studies
3 credit hours
Student preparation of a research paper under the direction of a faculty member. Includes instruction in research methods and styles and in critiquing written materials. (Students eligible for graduation honors must complete a successful oral defense before a faculty committee.) Prerequisites: Senior standing.

LEAD 499
1-3 credit hours
Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.) Prerequisite: Approval by petition to department chair.

MATHEMATICS (MAT)

MAT 099
Introduction to College Mathematics
3 credit hours
A non-specialized course in mathematics that surveys the basic concepts of high school mathematics. (Does not count toward a major or minor in mathematics.) Increases the number of hours in a degree program by three credit hours. Does not satisfy general education requirement.)

MAT 105
College Algebra
3 credit hours
An introduction to college algebra that builds on knowledge already accumulated and brings new concepts and technologies into focus to strengthen students' critical thinking processes. (Offered only through the ORU Home School College Program.)

MAT 113
Mathematical Analysis I
3 credit hours
A treatment that develops the concepts of number systems, absolute value, inequality, domain, range, local extremes, zeros, relations, and functions. Functions studied include those that are linear, polynomial, 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 relationship to rational functions, trigonometric functions, and conic sections. (This is the second course in a two-semester sequence preparing students for calculus. Does not count toward a major or minor in mathematics.) Prerequisite: MAT 113.

MAT 151
Mathematics and Society
3 credit hours
A study of the pattern and order in the universe, including creative thought in making conjectures based on inductive reasoning and application in problem-solving using deductive reasoning. Covers problem-solving, statistics, finance, and logic. (Does not count toward a major or minor in mathematics. Writing-intensive sections are available.)

MAT 201
Calculus I
4 credit hours
A thorough course in the differential calculus (with the introduction to anti-differentiation), dealing with the following functions and their applications: algebraic, vector, and transcendental and their inverses. Prerequisite: MAT 114.

MAT 202
Calculus II
4 credit hours
An extension of the techniques used in MAT 201, with an emphasis on standard methods of integration and infinite sequences and series. Prerequisite: MAT 201.
MAT 207
Discrete Mathematics
3 credit hours
A study of logical reasoning and proof that provides a coherent context in which sets, combinatorics, iteration, and algebraic structures of a discrete nature are considered.
Prerequisite: MAT 202.

MAT 208
Elementary Discrete Mathematics
3 credit hours
The study of mathematical structures that are fundamentally discrete rather than continuous. Covers logical reasoning proof that provides a coherent context in which sets, combinatorics, iterations, and algebraic structures or discrete nature are considered. Includes how concepts and notations from discrete mathematics are useful in studying and describing objects and problems in computer algorithms and programming languages, and how they have applications in cryptography, automated theorem proving, and software development.

MAT 211
Differential Equations
3 credit hours

MAT 221
Mathematics Concepts I
3 credit hours
A study of the underlying theory of elementary mathematical topics, including problem-solving, sets, notation, computational algorithms, number theory ratio, proportion, percent, real numbers, and introductory algebra. (Does not count toward a major or minor in mathematics.) Prerequisite: MAT 151.

MAT 222
Mathematics Concepts II
3 credit hours
A study of the underlying theory of elementary mathematical concepts including probability, permutations, combinations, geometry, metrics, congruence, similarity, cartesian coordinates, and transformations using a problem-solving approach. (Does not count toward a major or minor in mathematics.) Prerequisite: MAT 221.

MAT 232
Elementary Statistics
3 credit hours
Designed for students of social and health sciences, education, and business. Includes both descriptive and inferential methods and treats the fundamental concepts exemplified by frequency distributions, measures of central tendency, and variability; the interpretation of results; hypothesis testing; regression; analysis of variance; and chi-square. (Does not count towards major or minor in mathematics.)

MAT 300
Senior Paper/Project Preparation
1 credit hour
Assists students in preparing for their senior paper/project and ePortfolio.

MAT 312
Linear and Matrix Algebra
3 credit hours
A study of vector spaces, systems of equations, linear transformations, matrices, determinants, and applications. Prerequisite: MAT 202.

MAT 313
College Geometry
3 credit hours
An extension of topics considered in high school geometry. Employs the analytic method of discovering proofs in the study and application of many fundamental geometric relationships. Prerequisite: MAT 207.

MAT 315
History of Mathematics
3 credit hours
A historical perspective on the development of mathematics. Studies mathematical progress from the ancient Greek and Babylonian periods to present. Explores the contributions of famous mathematicians as well as mathematical systems, their properties, and their use. Prerequisite: MAT 312.

MAT 318
Elementary Number Theory
3 credit hours
A study of the properties of integers; congruences; residue classes; theorems of Fermat, Wilson, Euler, Legendre, and Gauss; polynomial congruences; and quadratic residues. Prerequisite: MAT 207.

MAT 321
Calculus of Functions of Several Variables
4 credit hours
A course studying the calculus of several variables including graphs of functions in three dimensions, partial derivatives, directional derivatives, optimization, multiple integrals, and calculus of vectors. Prerequisite: MAT 202.

MAT 325
Probability and Statistics
3 credit hours
Covers the basic theory of probability distributions, random variables, mathematical expectation, conditional probability, correlation, central limit theorem, sampling theory, interval estimation, and various statistical tests. Prerequisite: MAT 202.

MAT 327
Introduction to Biostatistics
3 credit hours
An intermediate-level statistics course for students of the health sciences that includes both descriptive and inferential statistics. Topics include sampling techniques, various standard distributions, hypothesis testing, and computer-related statistical packages. (Does not count toward major or minor in mathematics.) Prerequisite: MAT 113 or special permission.

MAT 421
Advanced Calculus I
3 credit hours
A development of a metric topology for the real number line. Includes connectedness and compactness of sets and continuity and differentiability of functions. Prerequisites: MAT 202 and 321.

MAT 422
Advanced Calculus II
3 credit hours
A continuation of MAT 421. Considers integrability and both pointwise and uniform convergence of sequences of functions. Prerequisite: MAT 421.

MAT 428
Secondary Methods: Mathematics
3 credit hours
A course designed to prepare mathematics education students with ideas and practical knowledge for the classroom. Focuses on materials and methods of teaching mathematics. Prerequisite: Admission to the Professional Education Program.

MAT 429
Topics in Mathematics
1-3 credit hours
A seminar surveying topics relevant to student interest and need. (May be repeated for a maximum of six hours credit.) Prerequisite: Permission of the department.

MAT 433
Applied Statistics
3 credit hours
An advanced level statistics course for students in the behavioral sciences, designed to target specific research problems and advanced statistical methods leading to graduate studies in the field. Topics include sampling techniques, non-parametric statistics, one-way and multi-way ANOVAs, MANOVAs, correlations, hypothesis testing, and research ethics. Prerequisite: MAT 232

MAT 451
Mathematics Education Internship
2 credit hours
A practicum in which the student works one-on-one with an ORU teacher to improve skills in course preparation and administration, time management, tutoring, and communication. The student has opportunity to learn about and become involved in professional organizations and research. Prerequisite: Permission of department chair.

MAT 499
Senior Paper/Project
3 credit hours
Special topics approved by the student and instructor. Prerequisite: MAT 300

MAT 999
1-6 credit hours
Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.) Prerequisite: Approval by petition to department chair.
ME 321
Mechanics of Materials
3 credit hours
A study of elastic and inelastic stress-strain behavior of engineering materials, deflection of beams, and column action. Incorporates lab experience and design. (Crosslisted with PHY 454.) Prerequisite: EGR 221. Course fee: $55.

ME 331
Applied Thermodynamics
3 credit hours
Application of the principles of thermodynamics to components and systems. Examples include pumps, compressors, engines, turbines, and electricity-generating power plants. The thermodynamics of high speed flows are also covered. (Crosslisted with PHY 453.) Prerequisite: EGR 231. Course fee: $55.

ME 371
Machines and Mechanisms
3 credit hours
A study of the design of machines based on kinematic and kinetic requirements. Machine elements considered include linkages, cams, and engines. Presents inertia force analysis as a basis for the dynamic balancing of rotating machinery. Students conduct lab experiments and design and construct mechanism models. Prerequisite: ME 321. Course fee: $55.

ME 381
Principles of Design
3 credit hours
The study and application of the methods of analysis used to design machine components based on the stresses and strains induced by static, dynamic, and thermal loads. Considers avoidance of failure due to impact, fatigue, wear, and surface damage. Introduces finite element analysis of structures. Design projects are required. Prerequisite: ME 321. Course fee: $55.

ME 433
Heat Transfer
3 credit hours
Problem-solving in the three modes of heat transfer—conduction, convection, and radiation—separately and in combinations. Additional topics include boiling, condensation, and heat exchanger design. Students conduct lab experiments, design a heat exchanger, and use the computer for complicated heat transfer analyses. Prerequisite: ME 331. Course fee: $55.

ME 441
Fluid Mechanics
3 credit hours
Analysis of the behavior of stationary and flowing fluids. Topics include fluid statics, control volumes, differential analysis, incompressible inviscid flow, dimensional analysis, incompressible viscous flows, and compressible flows. Students conduct water table experiments. Introduces computational fluid dynamics. Prerequisite: ME 331. Course fee: $55.

ME 444
Experimental Methods
3 credit hours
Introduction to experimental methods including measurement techniques, instrumentation, computer-aided data acquisition, and data analysis in mechanical and thermal-fluid systems. Course fee: $55.

ME 447
Finite Element Method
3 credit hours
An introduction to the theory, programming, and application of the finite element method used to solve problems in engineering analysis and design. Includes using the computer to conduct a finite element analysis of two- and three-dimensional models. Prerequisite: ME 321. Course fee: $55.

ME 450
Special Topics
3 credit hours
Courses of current interest. Prerequisite: Instructor's approval. Course fee: $55.

ME 461
Manufacturing Processes
3 credit hours
The study of fabrication processes for the production of metallic, plastic, and composite parts. Includes process design and machine tool lab. Prerequisites: MAT 201 and junior standing. Course fee: $55.

ME 495
Directed Study
1-3 credit hours
Directed independent study on problems of limited scope approved on an individual basis. May require written and/or oral presentation. Prerequisite: By arrangement with professor and approval of department chair.

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

MGT 130
Principles of Management
3 credit hours
A study of the functions of management; includes the analysis and evaluation of the planning, organization, staffing, controlling, and directing responsibilities of a manager. Covers the theory and applicability of management-by-objectives.

MGT 333
Supply Chain Management
3 credit hours
An introduction to and analysis of the principles of supply chain management. Includes how supply chain management integrates many aspects of business functions such as forecasting, inventory management, materials planning and control, information systems, supplier management, transportation/logistics, and customer service. Prerequisites: MGT 130 and ACT 320.

MGT 341
Business Communications
3 credit hours
A survey of all areas of business communications, not as an isolated unit of learning but as a universal activity. Designed to cultivate and refine a repertoire of basic essentials of communications.

MGT 351
Risk Management
3 credit hours
A survey course outlining risk and insurance, including increased government participation in and regulation of insurance along with current versions of basic insurance contracts.

MGT 352
Organizational Behavior
3 credit hours
A study of individual and group behavior and dynamics within organizations, with an emphasis on motivation, leadership, stress, group and intergroup dynamics, conflict, power and politics, and culture. (Crosslisted with GMGT 553.) Prerequisite: MGT 130.

MGT 353
Human Resource Management
3 credit hours
Studies the management of human resources at the organizational level, including human resource forecasting, planning, and training and development. Topics include the legislative environment of human resource management, labor relations, job analysis, recruiting, performance appraisal, and compensation. Prerequisite: MGT 130.

MGT 372
Creative Thinking
3 credit hours
An introduction to the modern practices of creative thinking in all areas of the business environment. (Crosslisted with GMGT 541.)

MGT 384
Real Estate Management
3 credit hours
A survey of the concepts, practices, and problems related to the production, marketing, and financing of land and improvements to the land. Includes an analysis of the physical, social, governmental, and economic factors that influence the market for residential, recreational, commercial, and industrial real estate. Other topics include brokerage, legal, and ethical factors in real estate; investment strategy; land development; housing and construction; city planning; and land use controls.

MGT 421
Entrepreneurship
3 credit hours
A study of the art and science of entrepreneurship. Develops technical knowledge through discussion of the tools needed to successfully start and operate a business. Emphasizes the qualitative aspects of entrepreneurship. (Crosslisted with GFIN 555.)
MGT 422
Small Business Basics
3 credit hours
A survey of management principles concerning planning, organizing, directing, controlling, and staffing at the organizational level in the small business environment. (Crosslisted with GMGT 556.)

MGT 431
Strategic Management
3 credit hours
Examines the operations of firms within industries from a macro perspective. Studies strategy formulation, strategy implementation, and strategy evaluation and control. Focuses on the competitive abilities and strategies of the firm and integrates concepts from the functional areas of accounting, finance, information systems, management, and marketing. (One of two corestone courses that must be taken by all ORU School of Business seniors.)
Prerequisites: Senior standing and FIN 338.
National Field Test: in Business fee: $25.

MGT 443
Executive Development
3 credit hours
A study of business career patterns, including a review of the actual careers of successful people in business and an analysis of their behavior patterns. Students relate this information to their own business careers. Includes the history, background, sources, causes of the behavior, and career patterns of the business executive. (Crosslisted with GMGT 443.)
Prerequisite: Business major or minor.

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

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

MGT 465
Administration of Nonprofit Organizations
3 credit hours
A study of the functions of management—planning, organizing, leading, and controlling—within the nonprofit sector. Focuses on theories of organizations and general concepts of management, governance, and leadership. Includes organizational design, behavior, performance, and effectiveness and analyzes the special character and management of problems of nonprofit organizations. (Crosslisted with GMGT 521.)

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

MISSIONS (MISS)

MISS 300
History of Missions
3 credit hours
A short survey of the history of modern missions and a consideration of the tactics and practices of the Biblical basis of missions. Proposes a people-to-people strategy working from within the culture.

MISS 325
Introduction to Christian Missions
3 credit hours
Provides a general overview of missions. Examines missionary principles and practices from Biblical, historical, and cultural perspectives and helps the students to formulate a personal approach to missions. It further prepares them for other related mission studies.

MISS 333
Theology of Missions
3 credit hours
A study of the Biblical and theological basis and guidelines for the Church’s world mission, with application to current practice. Includes contemporary theological perspectives on missions.

MISS 350
Missions and Culture
3 credit hours
Examines the vital role culture plays in spreading the Gospel. Studies the origins and development of people groups from a cross-cultural perspective.
Prerequisite: MISS 325.

MISS 397
Missions Internship
3-6 credit hours
A work program designed to provide practical experience in a mission environment. Spends a minimum of four months (three months in the summer) on the field under the supervision of competent mission personnel.
Prerequisites: Prior cross-cultural experience and student must have completed four months (three months in the summer) on the field under the supervision of competent mission personnel.

MKT 130
Principles of Marketing
3 credit hours
A study of the structure and analysis of consumer and industrial markets and the behavior of business firms in a competitive economy. Includes marketing policies and practices, marketing consumer goods, and marketing industrial goods.

MKT 333
Consumer Behavior
3 credit hours
A study of the consumer as the focal point in a dynamic economic system. Explores a large body of published and unpublished literature, discusses generalizations, and develops various practical implications of consumer information processing. Such an approach leads to the exploration and use of new marketing techniques and methods. (Crosslisted with GMKT 533.)
Prerequisite: MKT 130; MMC 221.

MKT 334
Promotional Management
3 credit hours
A study of the process of analyzing, planning, and evaluating promotional strategy and management. Examines the varied elements of advertising, personal selling and sales promotion, and promotion mix, through integration and organization. (Crosslisted with GMKT 534.)
Prerequisite: MKT 130.

MKT 346
Personal Selling
3 credit hours
A study of the management of the outside sales force. Topics include organizing, staffing, operating, and planning functions in a sales-management context. Uses computer simulation.
Prerequisite: MKT 130.

MKT 361
International Marketing
3 credit hours
Provides analysis of the "Five Ps" of marketing as they relate to the globalization of the economy. Emphasizes contemporary periodical articles and textual material. Includes case analysis and student projects to highlight both the theoretical and the operational aspects of international marketing. (Crosslisted with GINB 570.)

MKT 445
Marketing Research
3 credit hours
A study of the systems, techniques, and methods used in meeting marketing management information needs. Prerequisite: MKT 130.

MKT 447
Retail Management
3 credit hours
A detailed survey of all aspects of managing a retail operation. Topics include demand analysis, inventory planning and control, marketing mix development, and career opportunities. Prerequisite: MKT 130.

MKT 451
Marketing Internship
1-3 credit hours
A special problem in marketing may be permitted for the student of special ability in lieu of a regular course. It is also possible upon receiving written approval from the instructor to obtain an on-the-job apprenticeship for one semester to provide data for writing a formal paper. (Credit received is determined by the nature and scope of the project.)
Prerequisite: Management major.
the student of special ability in lieu of a regular course. It is also possible upon receiving written approval from the instructor to obtain an on-the-job apprenticeship for one semester to provide data for writing a formal paper. The credit received is determined by the nature and scope of the project. Prerequisite: Marketing major.

**MKT 455**
Marketing Management
3 credit hours
A capstone marketing course designed to integrate the student’s knowledge of marketing through case analysis and practical application of the various marketing tools. Prerequisite: Senior marketing major.

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

**MASS MEDIA COMMUNICATION (MMC)**

**MMC 104**
Media and Pop Culture
3 credit hours
A survey of the mass media and an introduction to the Mass Media Studies Program. Includes an introduction to form, content, and current issues relating to modern culture. Also includes consequences of mass communication through historical perspectives.

**MMC 432**
Field Production and Editing
3 credit hours
An in-depth study of field production and editing techniques in television. Students gain new skills and insights to equip them for successful single-camera and multiple-camera remote situations. Course fee: $40.

**MMC 489**
Campaign Strategies
3 credit hours
A capstone course incorporating teamwork to develop, create, and deliver a specific product to a defined audience, utilizing print, media, and personal presentation. Prerequisite: Senior standing.

**MMC 499**
Senior Research Project
3 credit hours
Specialized research culminating in a senior paper and/or other approved project. Prerequisite: Permission of instructor. Course fee: $40.

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

**MUSIC (MUS)**

**MUS 001-025, 051**
Applied Music (Secondary instrument or voice)
1 credit hour
Vocal, keyboard, orchestral instrument, or Audio Workstation lessons. (One 25-minute lesson per week.)
MUS 001 Piano**
MUS 002 Organ**
MUS 003 Harpsichord**
MUS 004 Voice
MUS 005 Guitar
MUS 006 Harp**
MUS 007 Violin
MUS 008 Viola
MUS 009 Violoncello
MUS 011 Bass, Double and Electric
MUS 012 Flute
MUS 013 Oboe
MUS 014 Clarinet
MUS 015 Saxophone
MUS 016 Bassoon
MUS 017 French Horn
MUS 018 Trumpet
MUS 019 Trombone
MUS 021 Baritone Horn
MUS 022 Tuba
MUS 023 Percussion**
MUS 024 Composition
MUS 025 Audio Workstation**
MUS 051 Arranging
Prerequisite: Department approval. Course fee: $250 per credit hour:
**Instrument use fee: $55.

**MUS 026-049, 059**
Applied Music (Primary instrument or voice)
2 credit hours
Vocal, keyboard, or orchestral instrument, or Audio Workstation lessons. (One 50-minute lesson per week.)
MUS 026 Piano (Jury)**
MUS 027 Organ (Jury)**
MUS 028 Harpsichord (Jury)**
MUS 029 Voice (Jury)
MUS 031 Guitar (Jury)
MUS 032 Harp (Jury)**
MUS 033 Violin (Jury)
MUS 034 Viola (Jury)
MUS 035 Violoncello (Jury)
MUS 036 Bass, Double and Electric (Jury)
MUS 037 Flute (Jury)
MUS 038 Oboe (Jury)
MUS 039 Clarinet (Jury)
MUS 040 Saxophone (Jury)
MUS 041 Bassoon (Jury)
MUS 042 French Horn (Jury)
MUS 043 Trumpet (Jury)
MUS 044 Trombone (Jury)
MUS 045 Baritone Horn (Jury)
MUS 046 Tub (Jury)
MUS 047 Percussion (Jury)**
MUS 048 Composition (Jury)
MUS 049 Audio Workstation (Jury)**
MUS 059 Arranging (Jury)
Prerequisite: Department approval. Course fee: $250 per credit hour:
**Instrument use fee: $55.

**MUS 061-089**
Performance Groups
0-1 credit hour
Band, choir, orchestra, or ensemble.
MUS 061 Chamber Singers*
MUS 063 University Chorale*
MUS 065 Orchestra*
MUS 066 Oratorio Chorus***
MUS 067 Wind Ensemble*
MUS 073 Opera Theatre*
MUS 075 Jazz Ensemble*
MUS 077 Basketball Band
MUS 080 Guitar Ensemble*
MUS 081 String Ensemble*
MUS 083 Brass Ensemble
MUS 085 Vocal Jazz Ensemble*
MUS 086 Jazz Combo*
MUS 087 Bell Choir**
MUS 089 Contemporary Music Ministry Ensemble
Corequisite: MUS 066 (under certain conditions) *Music ensemble fee: $40.
***Instrument use fee: $55.
**Credit for MUS 086 Oratorio ranges from 0 to 1 credit hour depending on whether or not the student chooses the class for elective credit.

**MUS 098**
Seminar for Worship Majors
0.5 credit hour
A course giving students opportunities to share views on worship and to dialogue with music representatives, professional music ministers, recording artists, studio musicians, professors, and pastors.

**MUS 099**
Music Seminar
0.5 credit hour
Content includes the following: (1) convocations to orient students to departmental policies, to advise students for preregistration, and to instruct students in special areas of music interest, such as music ministry as it relates to the superordinate goals of the university and music’s interconnectedness 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
2 credit hours
Provides a foundation in analytical, quasi-compositional, and keyboard skills combined with historical perspectives. Introduces style periods and style analysis. Includes the rudiments of music and harmonic concepts and all diatonic triads in major and minor keys in root position and inversions. Presents melodic structure for purposes of analyzing and creating with applications to music beyond that of the common practice period of Western civilization. (Companion course to MUS 103.)
Prerequisite: MUS 100 or a passing score on the music theory placement exam.

**MUS 102 Harmony II**
2 credit hours
A continuation of MUS 101. Includes (1) analysis of music including half and fully diminished sevenths, non-dominant sevenths, secondary dominants and modulation, two-and-three-part song forms, and American popular song, along with blues, boogie, and jazz; (2) part-writing of figured basses, harmonizing in chorale, instrumental and keyboard styles, and composing and improvising using harmonic and stylistic vocabularies; and (3) harmonizing at the keyboard excerpts of folk songs, American popular songs, blues, boogie, and jazz.
Corequisite: MUS 104
Prerequisites: MUS 101 and 103; or evidence of comparable study or skills.

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

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

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

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

**MUS 125 Class Piano I**
1 credit hour
A course designed for students with minimal piano training. Group instruction includes simple sight reading in treble and bass clefs, improvisation, and beginning keyboard technique, such as all major scales and arpeggios, accompaniments, solo and ensemble repertoire, and elementary keyboard transposition.
Prerequisite: Ability to read treble and bass clefs; permission of instructor.
Instrument use fee: $55.

**MUS 126 Class Piano II**
1 credit hour
A course designed for students with basic keyboard skills. Group instruction includes intermediate sight reading, improvisation, keyboard technique in all major and harmonic minor scales and arpeggios, and selected chord progressions. Also covers solo and ensemble repertoire, simple hymns, patriotic songs, and two- or three-voiced transposition.
Prerequisite: MUS 125 or equivalent.
Instrument use fee: $55.

**MUS 127 Class Piano III**
1 credit hour
A course designed for students with intermediate-level keyboard skills. Offers group instruction for non-music majors and for those music majors whose secondary instrument is piano and who need additional development of keyboard skills including sight reading four-voiced hymns, transposition, choral and instrumental score reading, major and harmonic minor scales and arpeggios, chord progressions, dominant- and diminished-seventh chords and arpeggios, simple modulations, solo and ensemble repertoire, and patriotic songs.
Prerequisite: MUS 126 or equivalent.
Instrument use fee: $55.

**MUS 128 Class Piano IV**
1 credit hour
A lecture-demonstration-lab course designed primarily for music majors whose secondary instrument is piano and who need additional development of moderately advanced keyboard skills including sight reading, transposition, improvisation, memorizing, accompanying, and score reading. Prepares music majors to fulfill the requirements of the piano proficiency examination. Frequent solo performances in class enable the student to develop good musicianship, accuracy, and poise during keyboard performances of solo and ensemble repertoire.
Prerequisite: MUS 127 or equivalent.
Corequisite: PRF 100
Instrument use fee: $55.

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

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

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

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

**MUS 201 Harmony, Sight Singing, and Ear Training III**
3 credit hours
A continuation of MUS 102 and 104 that employs lecture, discussion, demonstration, compositional and analytical assignments, and drill of advanced musicianship skills. Includes (1) aural and visual analysis of music representative of modal harmony; 18th century counterpoint; chromatic harmony including borrowed chords; Neapolitan and augmented sixth chords; and Classical techniques such as variation and sonata/Allegro form; (2) quasi-compositional skills in imitating and adapting the previously mentioned styles and techniques; (3) sight singing and ear training of material studied during the semester; and (4) keyboard skills relating to harmonization and other uses of certain techniques presented during the semester.
Prerequisites: MUS 102 and 104 or evidence of equivalent skills and knowledge.

**MUS 202 Harmony, Sight Singing, and Ear Training IV**
3 credit hours
A continuation of MUS 201 that employs lecture, discussion, demonstration, compositional and analytical assignments, and drill of advanced musicianship skills. Includes (1) aural and visual analysis of music representative of larger forms, chromatic mediants, altered chords, extended chords, remote modulation, post-Romanticism, Impressionism, and the contemporary; (2) quasi-compositional skills in imitating and adapting the styles and techniques studied; (3) sight singing and ear training of material studied during the semester; and (4) keyboard skills relating to harmonization and other uses of certain techniques presented during the semester.
Prerequisite: MUS 201 or evidence of equivalent skills and knowledge.

**MUS 205 History and Literature of Music I**
4 credit hours
A study of the history of Western music in Europe and America from antiquity through the 18th century.
MUS 206  History and Literature of Music II  
4 credit hours  
A study of the development, styles, and literature of Western music in Europe and America from Beethoven to the present.

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

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

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

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

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

MUS 242  Diction for Singers  
2 credit hours  
A presentation of principles for the correct pronunciation of French and German texts in vocal literature.  
Prerequisite: MUS 241.

MUS 300  Music Appreciation  
3 credit hours  
A non-technical course aimed at increasing the enjoyment and appreciation of music by the listener with little or no previous music background. Includes a brief survey of music history and the basic principles of music form as illustrated by masterworks. (Crosslisted with HUM 260.)

MUS 301  Form and Analysis  
2 credit hours  
The study of musical form and structure in tonal and non-tonal music based on the systematic perception of musical phenomena.  
Prerequisites: MUS 101, 102, 201, and 202

MUS 302  Orchestration  
2 credit hours  
Examines the range and characteristics of orchestral instruments; scoring for strings, winds, and full orchestra.  
Prerequisites: MUS 101, 102, 201, and 202

MUS 309  Biblical Foundations of Worship  
3 credit hours  
Provides a Biblical, theological, and practical examination of worship and prophetic leadership in the ministry of the Church. Provides practical, contemporary demonstration of this Biblical concept, which was demonstrated in Old Testament Hebrew worship, the life of Christ and the New Testament church, by exposing students to the practices and concepts of worship in the context of the prophetic anointing.

MUS 310  Studies in Advanced Music Technology  
3 credit hours  
An in-depth study of concepts, equipment, and techniques associated with the modern electronic music studio. Includes most aspects of MIDI as well as dedicated music software, poweruser techniques, current trends, hardware, and information resources. Other subjects may include notation, film scoring, sequencing, sampling, controllers, and other topics. The course, designed to follow MUS 105, is project-oriented and requires lab time.  
Prerequisite: MUS 105 or equivalent.  
Instrument use fee: $55.

MUS 313  Sequencing and Digital Audio  
3 credit hours  
A course designed to acquaint students with the creative potential of the sequencer as an essential tool in modern electronic studios. Includes the use of sequencers to compose, arrange, orchestrate, and perform commercially viable musical ideas. Digital audio is fully integrated, making non-linear acoustic recording part of the process.  
Prerequisite: MUS 105 or equivalent.  
Instrument use fee: $55.

MUS 315  Music Rich Media  
3 credit hours  
Prerequisite: MUS 313.  
Instrument use fee: $55.

MUS 320  Songwriting and Arranging  
2 credit hours  
A study of the compositional techniques, contemporary harmonizations, arranging tools, and popular song forms suitable for the small ensemble. Particular attention is given to writing and arranging for the church ensemble.  
Prerequisite: MUS 100 or passing music theory placement exam.

MUS 325  Vocal Pedagogy and Repertoire  
1 credit hour  
A lecture-discussion-demonstration course that acquaints students with the main elements of human sound production and basic vocal faults. Involves teaching and diagnostic techniques, including those of classroom management for practical application.  
Prerequisites: MUS 029, 241, and 242

MUS 326  Instrumental Pedagogy and Repertoire  
1 credit hour  
A lecture-discussion-demonstration course for the woodwind, brass, percussion, or string major who anticipates a career as a professional musician in a performance group, a soloist, an instrumental teacher in public or private schools, or as a private studio teacher.  
Prerequisite: Department approval

MUS 327  Keyboard Pedagogy and Repertoire  
1 credit hour  
The fundamental techniques of drill design and band management.

MUS 333  Conducting I  
2 credit hours  
A practical lab course in both choral and instrumental conducting that stresses baton technique, interpretation, rehearsal techniques, and score reading as specifically related to the needs of the elementary and secondary choral and instrumental school music teacher as well as the church musician.  
Prerequisite: MUS 101 and 102.

MUS 335  Composition I  
2 credit hours  
A study of the organization of musical ideas into logical and homogenous form. Focuses on composition in the small forms.  
Prerequisite: MUS 202.

MUS 337  Composition: Small Ensembles  
3 credit hours  
Presents compositional techniques and encourages original creation of small forms in both classical chamber music and jazz. Equal musical craftsmanship is expected in both genres.  
Prerequisite: MUS 335

MUS 338  20th Century Composition Materials  
3 credit hours  
Designed to teach styles and techniques of 20th century art music. Studies techniques in the context of masterworks in the small and large ensemble chamber music style. The student composes several semester projects using not fewer than three instruments, making use of techniques studied during the semester.  
Prerequisite: MUS 335
MUS 341
Brass and Percussion Instruments Class
1 credit hour
A survey of the fundamentals of each brass and percussion instrument. Includes methods, teaching materials, and application of two or more of the instruments. Instrument use fee: $55.

MUS 342
Woodwind Instruments Class
1 credit hour
A survey of the fundamentals of each of the woodwind instruments. Includes methods, teaching materials, and application of two or more of the instruments. Instrument use fee: $55.

MUS 350
Hymnology
2 credit hours
Studies the development of hymnody from the Early Church to contemporary usage. Examines 19th and 20th century Gospel hymns and their effective use in the Christian church of today.

MUS 351
Service Playing
2 credit hours
A lecture-discussion-laboratory course in the planning and performance of keyboard preludes, offertories, postludes, interludes, hymns, responses, and accompaniments appropriate for traditional formal and informal church services as well as keyboard music appropriate for charismatic worship services and special occasions. Includes practical study and performance of keyboard sight-reading, modulation, transposition, improvisation, choral score reading, alternate harmonizations, descants, and hymn-tune arrangements. Focuses on service-playing music for piano, organ, or digital keyboards. Prerequisite: MUS 128 or equivalent with department approval.

MUS 352
History of Musical Theatre
2 credit hours
A history of musical theater from its antecedents through its golden age to present-day. Focuses on this genre in America. Prerequisite: Permission of the department.

MUS 399
Junior Recital
2 credit hours
A performance demonstrating a competency, approximately 50 minutes of music. A required prerequisite for senior recital.

MUS 401
Principles of Counterpoint
2 credit hours
The study and analysis of 18th-century counterpoint. Focuses on two-voiced writing based mainly on the principles of the Baroque composers. Prerequisite: MUS 202.

MUS 412
Music Technology Practicum
3 credit hours
Guided research accompanied by practical application leads to final projects, normally submitted on CD or audio or video tape. Course projects are accompanied by a detailed written description of the creative process. Prerequisite: MUS 105. Instrument use fee: $55.

MUS 417
The Worship Service: Design and Function
3 credit hours
Focuses on the role of worship leading, with particular emphasis on first-hand experience. Addresses various theological, musical, and technical demands of leading worship, including incorporating scripture, prayers, images, and the Church calendar year. Also considers theme-based worship, arranging, teaching new songs, collaborating with pastors and other musicians, and growing spiritually.

MUS 420
Worship internship
3 credit hours
A practicum in which students gain practical experience in a church setting. Prerequisites: Permission from the Coordinator of Church Music and Worship.

MUS 421
Senior Recital
2-3 credit hours
A performance demonstrating a high level of performance practice of music representing three to four historical style periods. (For B.M. voice primary degree candidates, facility in three to four languages is required.) Each recital should contain approximately 50 minutes of music. B.M.E. candidates may choose to perform a full recital as outlined above or a music education recital for two, instead of three credit hours. Such a recital is to be approximately two-thirds of the full requirement in length and performance demands. A lecture recital is also available and does not require a junior recital as a prerequisite. Prerequisites: Permission of the department.

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
Advanced 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 Conducting II: Choral
2 credit hours
Continues the study of choral conducting and the criteria for developing a choral music program. Includes class exercises, 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.

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.

NUR 200  
Called to Care  
3 credit hours  
Introduces the beginning student to the Theory of Nursing for the Whole Person and to the nursing profession within the context of a Christian worldview. Addresses historical heritage, current professional environments, and future trends. Includes study of medical terminology and math related to calculating medicine dosages.  
Prerequisite: Acceptance as nursing major.

NUR 202  
Foundations of Nursing  
5 credit hours  
Introduces the basic principles of professional nursing. Emphasizes communication skills and the application of selected concepts within a variety of clinical settings. Presents concepts and skills within the framework of the Theory of Nursing for the Whole Person.  
Prerequisites: NUR 200, 230, 300, and satisfactory progression on B.S.N. degree plan.  
Lab fee: $225.

NUR 230  
Pathophysiology I  
3 credit hours  
Provides basic knowledge of pathophysiological processes of the body including disease states and the effects of these disruptions on related body systems. Critical thinking and clinical judgment are integrated to provide the basis for understanding the interrelatedness of body systems and needed action in altered physiologic states across the life-span.  
Prerequisite: PHS 223.  
Corequisites: NUR 300, PHS 224.  
Lab fee: $110.

NUR 300  
Health Assessment I  
3 credit hours  
Prepares the nursing student to perform comprehensive physical health assessments across the lifespan. Includes ways to integrate mental and spiritual assessment skills in a culturally sensitive approach while evaluating health status. Uses lecture/discussion, small groups sessions, and simulated laboratory experiences for practice of assessment skills that are performed in nursing practice.  
Prerequisites: PHS 223  
Corequisites: NUR 230, PHS 224

NUR 301  
Pharmacotherapeutics I  
3 credit hours  
A study of the theoretical and clinical application of basic pharmacological principles that address pharmacologic agents from the perspective of major drug classifications. Reviews medication administration, dosage calculation, and critical thinking skills specific to professional nursing practice.  
Prerequisites: NUR 230, 300; PHS 223, 224.  
Corequisites: NUR 202, PHS 223, 224

NUR 304  
Community Mental Health Nursing  
4 credit hours  
Addresses the mental health of individuals, families, and communities with emphasis on facilitating the quest for wholeness. Theory and practice are directed toward promotion, maintenance, and restoration of health.  
Prerequisites: NUR 202, 230, 300, 301.

NUR 305  
Patterns of Health and Illness I  
4 credit hours  
Applies nursing theory, scientific principles, and critical thinking skills to promote, maintain, and restore the patterns of health of individuals and families. Emphasizes pulmonary, cardiovascular, and hematological systems across the lifespan. Includes medical-surgical clinical experiences in diverse acute care and community environments.  
Prerequisites: NUR 202, 230, 300, 301.  
Lab fee: $225.

NUR 307  
Patterns of Health and Illness II  
7 credit hours  
Integrates nursing theory, scientific principles, and critical thinking into professional nursing practice for the care of individuals and families. Focuses on the promotion, maintenance, and restoration of wholeness for adults and children. Clinical assignments include experiences in both pediatric and adult acute-care and community settings.  
Prerequisites: NUR 230, 301, 304, 305.  
Lab fee: $225.

NUR 400  
Patterns of Health and Illness III  
4 credit hours  
Applies nursing theory and practice toward individuals whose patterns of health and illness have been altered by their internal and external environments. Focuses on specific complex care concepts as well as the interrelatedness of maintaining and restoring wholeness and harmony within the mind, body, and spirit. Analyzes the roles of the nurse and nurse specialist as provider and manager of care. Clinical experiences provide the opportunity to examine leadership skills required to manage a group of patients in the acute care setting.  
Prerequisite: NUR 230, 300, 301, 305, 307.

NUR 403  
Patterns of Community Health Nursing  
4 credit hours  
A study of the principles of community nursing theory and Christian, professional, and social values for professional nursing practice. Students synthesize professional practice issues in caring for individuals, families, and groups in diverse community clinical environments. Emphasizes writing skills in both pedagogy and assessment of student learning. (This is a writing intensive course.)  
Prerequisite: NUR 307.

NUR 405  
Patterns of Leadership  
6 credit hours  
A study of leadership processes in nursing. Studies standards and quality of care in view of measures to effect change within the community. Applies leadership skills in a variety of community settings and culminates in the presentation of a student-designed community project. Students learn by utilizing and analyzing group process in various roles.  
Prerequisites: NUR 400, 403, 499.

NUR 406  
Patterns of Health and Illness IV  
6 credit hours  
Covers high acuity nursing as it applies to individuals whose patterns of health and illness have been altered in both their internal and external environments. Synthesizes nursing knowledge and advanced skills in caring for individuals, families, and communities experiencing crisis. Focuses on development of leadership skills required for effective communication. Clinical experiences take place in critical care areas as well as in a variety of high acuity settings as the student prepares for the transition of student to nurse.  
Prerequisite: NUR 400, 403, 499.  
Lab fee: $225.

NUR 430  
Patterns of Childbearing  
4 credit hours  
Nursing theory, scientific principles, and critical thinking skills are utilized to promote, maintain, and restore the patterns of health of individuals and families experiencing 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.  
Prerequisites: NUR 200, 202, 230, 300, 301, 304, 305, 307.  
Lab fee: $225.

NUR 440  
Pathophysiology II  
3 credit hours  
Knowledge of pathophysiologic processes of the body including disease states and their effects on related body systems. Critical thinking and clinical judgment are integrated to provide the basis for understanding the interrelatedness of body systems and needed action in altered physiologic states across the life-span. Content adapted to practicing RNs.
NUR 450
Health Assessment II
3 credit hours
A comprehensive review of physical health assessment across the life span as well as assessment skills related to psychosocial and spiritual status. Emphasizes cultural sensitivity toward patients. Content adapted for practicing RNs.

NUR 460
Pharmacotherapeutics II
3 credit hours
A study of pharmacology within the framework of major drug classifications. Emphasizes critical thinking skills related to administration and patient responses. Content adapted for practicing RNs.

NUR 477
NCLEX-RN Review
2 credit hours
A review of all major nursing content from the perspective of the nursing process. Students assess their own strengths and weaknesses of nursing knowledge through diagnostic tools and formulate a plan for areas of needed growth. Prerequisites: Completion of sophomore, junior, and fall semester senior-level nursing courses. Corequisite: Enrollment in senior-level spring courses.

NUR 479
Special Topics
3 credit hours
Offers a study of topics that meet students’ specific needs. Provides options for individual or group study.

NUR 498
Research/Senior Paper I
2 credit hours
Emphasizes qualitative research methods and explores nursing research as it relates to nursing science for evidence-based practice. Students identify research topics of clinical significance, conceptualize an appropriate research design, and use research protocols to address the study purpose. Results of 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.

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.

NCUTRION (NUT)

NUT 201
Nutrition
3 credit hours
A study of the basic principles of nutrition, including the chemical characteristics of nutrients for their functions in the human body, and the determination of nutritional requirements for individuals during growth, pregnancy, lactation, old age, and other special conditions. (Does not count towards the mathematics/science general education requirement.) Prerequisite: One semester of biology or chemistry.

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

PROFESSIONAL EDUCATION (PED)

PED 222
School Health Care
1 credit hour
A course providing the professional education major with a knowledge of medical conditions, both acute and chronic, that occur in both primary and secondary schools. Introduces both federal and state laws pertaining to health in the school environment. Discusses various social issues that can influence a student’s physical and mental well-being. (Crosslisted with GPED 502.)

PED 305
Pedagogy I
4 credit hours
A study of cultural diversity combined with the knowledge of English language learners and students with disabilities. Uses the teacher candidates’ knowledge of diversity and apply it through technology in the classroom to educate all learners. Prerequisite: Major in K-12 or secondary education.

PED 306
Pedagogy II
4 credit hours
A study of human life development from conception through adolescence with more emphasis on middle school secondary school students. Management of classroom routines and behavior intervention within the course with information on assessing students learning. Includes a 20 hour practicum. Prerequisite: Major in K-12 or secondary education.

PED 313
Human Growth and Development
3 credit hours
A study of human life from conception through adolescence. Emphasizes the continuity of developmental phases of infants, children, and adolescents, delineating the interrelationships among various aspects of development—biological, cognitive, emotional, social. (Crosslisted with GPED 513.)

PED 361
Professional Education Seminar/Portfolio
0-1 credit hour
Aids student teachers in the completion of a professional portfolio that fulfills requirements of the School of Education and reflects competencies required for teaching licensure in the State of Oklahoma. (Crosslisted with GPED 571.) Prerequisite: Admission to the Professional Education Program or education minor. Corequisite: Student teaching.

PED 363
Educational Technology
3 credit hours
Focuses on the selection, preparation, use and sources of media and computer technology 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,
In-class observation, teacher assistance, and student teaching under professional supervision of a university supervisor and a cooperating teacher in an elementary school. Students engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Crosslisted with GPED 675.)

Prerequisite or corequisite: PED 361.
Prerequisites: Admission to the Professional Education Program; acceptance of Student Teaching Application.

PED 485
Student Teaching: 7-9
4-5 credit hours
Seven weeks (full-time) in-class observation, teacher assistance, and student teaching under professional supervision of a cooperating teacher in a junior high or middle school and a university supervisor. Students engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Crosslisted with GPED 685.)

Prerequisite or corequisite: PED 361.
Prerequisites: Admission to the Professional Education Program; acceptance of Student Teaching Application.

PED 490
Directed Study
1-4 credit hours
A course designed to provide the student with an opportunity to select readings in education that pertain to the degree program. Special activities and/or projects may be suggested by the professor.

Prerequisite: Admission to the Professional Education Program.

PED 495
Student Teaching: 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 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.

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 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, brain 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.
PHYSICS (PHY)

PHY 101
General Physics I Lecture
3 credit hours
An introduction to the laws and principles of physics including mechanics, heat, and sound. (Primarily for liberal arts and biological science students. Not applicable to a physics major or minor.)
Prerequisite: MAT 113 or instructor’s approval.
Corequisite: PHY 101 Lab.

PHY 101
General Physics I Laboratory
1 credit hour
Lab exercises to supplement PHY 101 Lecture.
Corequisite: PHY 101 Lecture.
Lab fee: $55.

PHY 102
General Physics II Lecture
3 credit hours
A continuation of PHY 101 Lecture. Includes electricity, magnetism, light, and modern physics.
Prerequisite: PHY 101 Lecture.
Corequisite: PHY 102 Lab.

PHY 102
General Physics II Laboratory
1 credit hour
Lab exercises to supplement PHY 102 Lecture.
Corequisite: PHY 102 Lecture.
Lab fee: $55.

PHY 111
Physics I Lecture
3 credit hours
Introduction of vector algebra: calculus-based studies of mechanics, heat, and thermodynamics.
Prerequisite: MAT 201.
Corequisite: PHY 111 Lab.

PHY 111
Physics I Laboratory
1 credit hour
Experiments in mechanics and heat to supplement PHY 111.
Corequisite: PHY 111 Lecture.
Lab fee: $55.

PHY 112
Physics II Lecture
3 credit hours
Calculus-based studies of wave motion, sound, electricity, magnetism, and light. Includes an introduction to modern physics.
Prerequisite: PHY 111 Lecture.
Corequisite: PHY 112 Lab.

PHY 112
Physics II Laboratory
1 credit hour
Experiments in wave motion, sound, electricity, magnetism.
Corequisite: PHY 112 Lecture.
Lab fee: $55.

PHY 211
Introduction to Modern Physics Lecture
3 credit hours
An introductory treatise of the theory of relativity, atomic structure, matter waves, quantum mechanics, statistical mechanics, solid-state theory, radioactivity, and nuclear reactions.
Prerequisite: PHY 112 Lecture.
Corequisite: PHY 211 Lab.

PHY 211
Introduction to Modern Physics Laboratory
1 credit hour
Experiments in classical and quantum physics, including atomic and nuclear spectroscopy, radioactivity, solid-state physics, and interferometry.
Corequisite: PHY 211 Lecture.
Lab fee: $55.

PHY 302
Heat and Thermodynamics
3 credit hours
A course in thermodynamics including the first and second laws, thermometry, kinetic theory, thermodynamic property relations, ideal gas mixtures, and elementary power and refrigeration cycle analyses. Includes lab experiments. (Crosslisted with EGR 231.)
Prerequisites: PHY 111 Lecture and Lab and MAT 202.
Course fee: $55.

PHY 311
Mechanics I: Statics
3 credit hours
A study of the statics of particles and rigid bodies, equilibrium of rigid bodies; concentrated and distributed force systems; shear and bending moment stresses in beams and other rigid bodies; force analysis of machines, frames, and trusses; force resultants using vectors in two and three dimensions; friction forces; center of gravity; moments of inertia. (Crosslisted with EGR 221.)
Prerequisites: PHY 111 Lecture and Lab; MAT 202.
Course fee: $55.

PHY 312
Mechanics II: Dynamics
3 credit hours
A study of the dynamics of particles and systems of particles; rectilinear kinematics and curvilinear motion, relative motion of two particles, Newton’s laws of motion; work and energy; impulse and momentum; planar kinematics and kinetics of a rigid body; and vibrations. (Crosslisted with EGR 222.)
Prerequisite: EGR 221.
Course fee: $35.

PHY 321
Electronics I Lecture
3 credit hours
An introduction to the basic concepts underlying the analysis and design of circuits using diodes, transistors, and Field Effect Transistors. Includes bias stability of amplifiers, design of power amplifiers and power supplies, and frequency response of active circuits. (Crosslisted with EE 321 Lecture.)
Prerequisite: EGR 210.
Corequisite: PHY 321 Lab.

PHY 321
Electronics I Laboratory
1 credit hour
The companion lab to PHY 321 Lecture. Covers measurements of the characteristics of semi-conductor devices and the analysis and design of single-stage BJT and FET amplifiers. (Crosslisted with EE 321 Lab.)
Corequisite: PHY 321 Lecture.
Lab fee: $55.

PHY 331
Electromagnetic Theory
3 credit hours
A study of electrostatics, electric and magnetic circuits and fields, electromagnetic induction, and Maxwell’s equations in differential and integral forms.
Prerequisites: PHY 112 Lecture and MAT 211.
Course fee: $35.

PHY 334
Vibrations and Sound
3 credit hours
An analytical and qualitative treatment of mechanical waves in fluids and solids and of vibrating mechanical systems.
Prerequisites: PHY 112 Lecture and MAT 211.
Course fee: $55.
PHY 455
Mathematical Methods in Physics
3 credit hours
Application of mathematics methods in solving physics problems involving linear and nonlinear differential and partial differential equations. Prerequisite: PHY 211 lecture and laboratory; junior or senior student level; permission of the instructor. Course fee: $55.

PHY 498
Senior Research and Design I
2 credit hours
First part of a two-semester, project-oriented course. Topics include research techniques, time management, patent searches, and manufacturing. Oral and written presentations are required at various stages. Student teams apply the design process by developing a project from research and proposal through construction and testing. (Crosslisted with EGR 498.) Corequisites: EGR 461 and senior standing. Course fee: $55.

PHY 499
Senior Research and Design II
2 credit hours
Continuation of PHY 498. Student teams apply the design process by developing a project through construction and testing. Requires oral presentations and a written report. (Crosslisted with EGR 499.) Prerequisite: PHY 498. Course fee: $55.

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

PROFICIENCIES (PRF)
Note: The following are proficiency tests, not courses, that are required for some academic degrees.

PRF 001 Foreign Language Proficiency
PRF 002 Professional Education Program Review
PRF 007 First Aid and CPR Proficiency
PRF 049 Theological Research Proficiency
PRF 050 French Proficiency
PRF 052 Hebrew Proficiency
PRF 053 Greek Proficiency
PRF 054 German Proficiency
PRF 055 Koinonia
PRF 056 Entry-Level Assessment*
PRF 057 Mid-Program Assessment Audit
PRF 058 Candidacy-Level Assessment
PRF 059 Whole Person Assessment**
PRF 061 Counseling Comprehensive
PRF 062 Assessment III Professional Presentation
PRF 070 Swimming Proficiency
PRF 100 Piano Proficiency
PRF 100A English Proficiency—Distance Learning
PRF 100C Math Proficiency—Distance Learning
PRF 101 Music Vocabulary Proficiency
PRF 102 Guitar Proficiency
PRF 104 Music Technology Proficiency
PRF 105 Voice Proficiency
PRF 204 English Proficiency—MBA
PRF 205 Microcomputer Proficiency
PRF 320 Major/Minor Writing Proficiency

*MBTI Test fee: $50
**Whole Person Assessment fee: $70.

PRACTICES OF MINISTRY (PRM)

PRM 506 Leadership Training
3 credit hours
A study of leadership emergence theory, which focuses not so much on human leadership training programs as on how to best utilize and be good stewards of the incidences God places in human lives.

PRM 511 Introduction to Christian Missions
3 credit hours
An introduction to the fundamentals of missiology and to the mandate directing the Church to be an active participant in this global enterprise. It also surveys the historical development of missions, its strategies and structures, and the cultural factors that must be considered to adequately communicate the Good News to people from other cultures.

PRM 516 Theology and History of Missions
3 credit hours
An examination of the Biblical mandate to evangelize the world from its earliest manifestation in Genesis to its application in the New Testament. Also includes a treatment of how well this mandate has been obeyed throughout the history of the Church.

PRM 519 Missionary Basics
3 credit hours
Introduces missionary candidates to the needs, options, and qualifications for missionary personnel. Includes preparation, church relations, strategies, funding, and life in other countries.

PRM 528 Christian Approaches to Counseling
3 credit hours
Provides students with an understanding of the worldview that supports Christian counseling. Examines the assumptions, goals, and techniques of five approaches to Christian counseling.

PRM 539 The Contemporary Family
3 credit hours
Provides students with an overview of the dynamics and dilemmas facing contemporary families.

PRM 544 Principles of Church Growth
3 credit hours
Provides students with an understanding of the dynamics and dilemmas facing contemporary families.

PRM 549 Foundations of Christian Education
3 credit hours
A study of the historical, philosophical, and psychological foundations of Christian education. Integrates the theory and practice of educational ministry and guides the student in developing a philosophy of education appropriate for the Christian setting.

PRM 551 Christian Education
3 credit hours
A study of the educational ministry of the local church. The student demonstrates an understanding of the educational mandate given the Church by developing a Biblical understanding, educational philosophy, integrating theology and practice from related social sciences to provide a foundation for effectively implementing the educational ministries in the local church.

PRM 553 Ministry in the Urban Setting
3 credit hours
A study of the church in the urban/suburban context. Examines several types of churches and their communities to discover how they perceive and pursue their work. Focuses on discovering and identifying alternative strategies for mission in the urban context at home or abroad.

PRM 554 Bible Institute/Christian School Education
3 credit hours
A course designed to provide students the opportunity to examine the educational process within the Christian school. Emphasizes historical antecedents, philosophical guidelines, administrative practice, and curricular instructional patterns.

PRM 558 Spiritual Formation and Discipleship
3 credit hours
An examination of spiritual formation—how the Christian faith is developed in the life of a person intellectually, emotionally, and behaviorally through discipleship in one-on-one or group settings.

PRM 560 Teaching the Word
3 credit hours
A practical exploration of the teaching and learning process as a foundation for Bible study and teaching at all age levels in the church. Includes learning and teaching theory and process, objectives, lesson planning, and methodologies.

PRM 571 Theology of Counseling
3 credit hours
A course designed to provide a Biblical and theological framework for the work of the Christian counselor. Integrates theological truth and psychological principles by exploring such topics as epistemology, empowerment, and whole-person healing within the Pentecost/charismatic traditions. Prerequisites: PRM 528; GTHE 507 and 518.

PRM 573 Major Religions of the World
3 credit hours
Acquaints the student with the historical and contemporary beliefs and practices of the world’s major religious faiths other than Christianity.

PRM 575 Missionary Anthropology
3 credit hours
An introduction to the fundamental aspects of cultural anthropology from a Christian perspective. Emphasizes the importance of culture and the way it affects the perception of reality, cross-cultural ministry, and culture change.
PRM 578 Contextualized Theology
3 credit hours
An examination of theologies that have emerged in representative non-Western settings as a mature phase of the advance of the Christian church into all the world. Focuses on cultural factors that influence the theological process and underscores the necessity of diversity in Christian theology to answer the multifaceted dimensions of human needs.

PRM 582 Introduction to Evangelism
3 credit hours
A course designed to help students develop a special sensitivity to the religious/spiritual background and cultural context of the people being evangelized. Studies effective methods of evangelism in various ministry contexts.

PRM 583 Evangelism in Context
3 credit hours
A course designed to help students develop a special sensitivity to the religious/spiritual background and cultural context of the people being evangelized. Studies effective methods of evangelism in various ministry contexts.

PRM 623 Ethics and Professional Issues in Counseling
3 credit hours
A course designed to help students develop a special sensitivity to the ethical issues that are present in counseling. Emphasizes the ethical dimensions of counseling and the role of the professional counselor.

PRM 624 Counseling Diverse Populations
3 credit hours
A course designed to help students develop a special sensitivity to the cultural, racial, and ethnic diversity of clients. Examines the role of the professional counselor in working with diverse populations.

PRM 625 Counseling Theories
3 credit hours
A course designed to help students develop a special sensitivity to the theoretical perspectives that are present in counseling. Emphasizes the theoretical dimensions of counseling and the role of the professional counselor.

PRM 626 Principles of Biblical Counseling
3 credit hours
A course designed to help students develop a special sensitivity to the biblical foundations of counseling. Examines the role of the professional counselor in working with clients from a biblical perspective.

PRM 627 Crisis Counseling
3 credit hours
A course designed to help students develop a special sensitivity to the crisis situations that are present in counseling. Emphasizes the role of the professional counselor in working with clients who are in crisis.

PRM 630 Counseling Methods
3 credit hours
A course designed to help students develop a special sensitivity to the methods of counseling that are present in counseling. Emphasizes the methodological dimensions of counseling and the role of the professional counselor.

PRM 635 Human Growth and Development
3 credit hours
A course designed to help students develop a special sensitivity to the human growth and development that are present in counseling. Examines the role of the professional counselor in working with clients who are in different stages of life.

PRM 639 Family Development
3 credit hours
A course designed to help students develop a special sensitivity to the family development that are present in counseling. Examines the role of the professional counselor in working with families.

PRM 640 Human Sexuality
3 credit hours
A course designed to help students develop a special sensitivity to the human sexuality that are present in counseling. Examines the role of the professional counselor in working with clients who are in different stages of life.

PRM 641 Assessment in Marital and Family Therapy
3 credit hours
A course designed to help students develop a special sensitivity to the assessment that are present in counseling. Examines the role of the professional counselor in working with clients who are in different stages of life.

PRM 642 Family Therapy
3 credit hours
A course designed to help students develop a special sensitivity to the family therapy that are present in counseling. Examines the role of the professional counselor in working with families.

PRM 643 Marital and Family Systems Theory
3 credit hours
A course designed to help students develop a special sensitivity to the marital and family systems theory that are present in counseling. Examines the role of the professional counselor in working with clients who are in different stages of life.

PRM 645 Counseling the Elderly
3 credit hours
A course designed to help students develop a special sensitivity to the elderly that are present in counseling. Examines the role of the professional counselor in working with clients who are in different stages of life.

PRM 650 Multimedia and Computers in Ministry
3 credit hours
A course designed to help students develop a special sensitivity to the multimedia and computers that are present in ministry. Examines the role of the professional counselor in working with clients who are in different stages of life.

PRM 651 Church in the Contemporary World
3 credit hours
A course designed to help students develop a special sensitivity to the contemporary world that are present in counseling. Examines the role of the professional counselor in working with clients who are in different stages of life.

PRM 652 Discipling Youth
3 credit hours
A course designed to help students develop a special sensitivity to the youth that are present in counseling. Examines the role of the professional counselor in working with clients who are in different stages of life.

PRM 653 Special Projects in Church and Community
3 credit hours
A course designed to help students develop a special sensitivity to the special projects that are present in counseling. Examines the role of the professional counselor in working with clients who are in different stages of life.

PRM 654 The Adult Learner
3 credit hours
A course designed to help students develop a special sensitivity to the adult learner that are present in counseling. Examines the role of the professional counselor in working with clients who are in different stages of life.

PRM 655 Curriculum of Christian Education
3 credit hours
A course designed to help students develop a special sensitivity to the curriculum of Christian education that are present in counseling. Examines the role of the professional counselor in working with clients who are in different stages of life.

PRM 656 Leadership and Administration in the Church
3 credit hours
A course designed to help students develop a special sensitivity to the leadership and administration that are present in counseling. Examines the role of the professional counselor in working with clients who are in different stages of life.

PRM 657 Practical Theology for Charismatic Ministry
3 credit hours
A course designed to help students develop a special sensitivity to the practical theology for charismatic ministry that are present in counseling. Examines the role of the professional counselor in working with clients who are in different stages of life.
PRM 661
**Preaching and the Healing Ministry**
3 credit hours
A study of the dynamics of preaching within the context of the Christian community. Provides a general introduction to preaching challenges, sermon preparation, sacramental functions, and preaching as a component of the healing ministry.

PRM 663
**Text to Sermon**
3 credit hours
A course designed to enable the preacher to become a better craftsman. Drawing upon the resources of Biblical studies and theology and employing the principles of hermeneutics and exegesis, students organize a variety of outlines, prepare six full manuscripts, and concentrate on introduction, conclusions, and preparation procedures that contribute to effective preaching.

PRM 664
**Black Preaching in the African-American Tradition**
3 credit hours
Explores major styles and methods of Black preaching. Also examines the major parts of preaching that, regardless of ethnic origin, distinguish preaching from other forms of discourse.

PRM 669
**Practice Preaching**
2 credit hours
A lab course in which students prepare outlines and a manuscript on assigned themes and preach sermons before the class and video cameras. Evaluations are made by the class, professor, and personal study of videos. Prerequisite: PRM 661.

PRM 670
**Introduction to Psychopathology**
3 credit hours
An introductory study of abnormal behavior. Emphasizes DSM-IV-TR classification system; description, clinical causation, and treatment of the major forms of psychological disorder; and associated developmental, personality, and religious variables affecting behavioral patterns.

PRM 671
**Religion and Personality**
3 credit hours
An introduction to historical and contemporary religious and psychological theories about human nature. Includes critical discussion to foster the development of a Christian worldview regarding personality and human nature.

PRM 673
**Introduction to Pastoral Care**
3 credit hours
A course designed to help students become more knowledgeable, effective, and sensitive pastors when ministering to persons in need. Covers selected topics in the pastoral care field. Focuses on the work of the Christian minister to care for God’s people.

PRM 676
**Marriage Counseling**
3 credit hours
An introduction to cognitive-behavioral approaches to marriage counseling.

PRM 678
**Advanced Pastoral Care**
3 credit hours
A course designed for graduate theology students who already have some basic information or experience in pastoral care and counseling. Focuses on the theology and practice of pastoral care from Biblical, theological, and charismatic perspectives. Prerequisite: PRM 673.

PRM 679
**Vocational and Occupational Guidance**
3 credit hours
A course designed to acquaint the student with the historical, philosophical, and theoretical basis of vocational psychology and career development. Prerequisite: PRM 625.

PRM 680
**Pastoral Ministry Yesterday, Today, and Tomorrow**
3 credit hours
A study of Pentecostal/charismatic pastoral theology applicable to contemporary ministry. Students investigate the nature and functions of pastoral ministry from Biblical, historical, and contextual perspectives. Provides instruction in the practical aspects of ministry to prepare the student for pastoral work in tomorrow's church society.

PRM 681
**Group Dynamics**
3 credit hours
An investigation of small group process through reading and surveying research literature, with an emphasis on the development of interpersonal skills. Studies a variety of intervention techniques from various theoretical approaches.

PRM 685
**Power Encounter**
3 credit hours
A study of the clash between the power of Jesus Christ and certain ways in which Satan manifests his power, usually when the Gospel comes into conflict with a worldview having completely different presuppositions.

PRM 691
**Women in Ministry**
3 credit hours
Examines Biblical, theological, sociological, and psychological foundations for women in ministry. Studies positive cultural factors as well as current cultural barriers.

PRM 697
**Prayer: The Personal Discipline of the Minister**
3 credit hours
A study of the Biblical foundations of, models for, and contemporary approaches to prayer. Examines corporate and personal prayer and prayer as intercession, worship, and meditation.

PRM 721
**The Minister as Equippier**
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. Prerequisites: Approval of instructor and dean.

PRM 723
**Counseling Children and Adolescents**
3 credit hours
A course to equip counselors-in-training with effective strategies for working with children and adolescents. Integrates Christian thought with psychological perspectives for understanding basic principles of child and adolescent development; developing counseling skills; working with families; studying theories; developing group facilitation, consultation, and prevention methods; and responding to the needs of multicultural population.

PRM 724
**Testing and Assessment I**
3 credit hours
An introductory course in assessment terminology and procedures. Presents knowledge and skills in the appraisal of children and adolescents. Emphasizes using various forms of assessment. Course fees: Test fee, $40.00; background check, $25.50; liability insurance, $15.

PRM 734
**Leadership for Team Ministries**
3 credit hours
A study of the dynamics of a multiple staff ministry. Students demonstrate an understanding of the roles, responsibilities, and relationships of the vocational church by assessing their own spiritual gifts, personalities, and communication styles and by presenting a group research project.

PRM 744
**Planting New Churches**
3 credit hours
Deals with church planting in general and in different social contexts and emphasizes the church planter, the strategies, and the product. Analyzes models of successful church planting as well as the problems associated with the contextualization of church forms in pioneer work.

PRM 746
**Contemporary Issues in Christian Education**
3 credit hours
A research seminar on current issues in Christian education, such as alternatives in church education, public and Christian school trends, the church’s ministry in higher education, and the latest research in Christian education.

PRM 749
**Directed Study**
1-3 credit hours
A directed course of research and writing under the supervision of a faculty member. Topics must be approved by the professor, advisor, and academic dean and be related to the use of practical theology. Prerequisites: Approval of instructor and dean.
PRM 750  
Christian Education Practicum  
3 credit hours  
A practicum experience in Christian education and administration in a church under the supervision of a professional educator or pastor.  
Prerequisite: Completion of 45 hours of program requirements.  
Course fees: Background check, $25.50; liability insurance, $15.

PRM 757  
Ministries with Families  
3 credit hours  
A study of the dynamic interrelationships of church and family. Skills are gained in discovering, understanding, and ministering to family-related needs and concerns. Special emphasis is given to designing and implementing church programs of instruction in marriage and all phases of church family living and church-home cooperation.

PRM 760  
Cognitive Therapy  
3 credit hours  
An in-depth presentation of a cognitive approach to therapy with an emphasis on the process of identifying and changing core beliefs (second order change).  
Prerequisite: PRM 625.

PRM 762  
Narrative Therapy  
3 credit hours  
An in-depth presentation of a narrative approach to therapy. Emphasizes techniques of externalization and 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.  
Course fees: Background check, $25.50; liability insurance, $15.

PRM 764  
Marriage and Family Therapy Practicum  
3 credit hours  
Provides students with an opportunity to become acquainted with the practice of marriage and family therapy. Working in various settings, students interact with counseling professionals and become familiar with counseling as it is practiced within an agency.  
Prerequisites: PRM 625, 630, 635, 643, and 676; Satisfactory completion of departmental comprehensive exam.  
Course fees: Background check, $25.50; liability insurance, $15.

PRM 766  
Preaching on Controversial Issues  
3 credit hours  
A course in which students take 12 assigned subjects on controversial issues, find texts, design 12 outlines, write 6 full manuscripts, and preach 4 sermons before the class and video cameras. Evaluations are made by the class, professor, video replay, and personal study of cassettes.

PRM 767  
The Preacher as Evangelist  
3 credit hours  
A study of the content, methods, and procedures used in evangelistic preaching and the dynamics of the revival method. The class explores such vocational opportunities as evangelist, revivalist, and pastor-evangelist within the context of a postmodern world.

PRM 769  
Practice Preaching (Persuasive)  
2 credit hours  
An introduction to the theories, practices, and ethics of persuasion and to methods used to preach to the whole person. Students are assigned 12 texts on evangelistic themes, prepare 12 outlines, write 6 full manuscripts, and preach 4 sermons before the class and video cameras. Evaluations are made by the class, professor, video replay, and personal study of the cassettes.

PRM 770  
Diagnosis and Treatment of Psychopathology  
3 credit hours  
An advanced course to provide students with an indepth understanding of the various definitions, theories, and empirical foundations of psychopathology. Emphasis is given to the role of various disorders. Special emphasis is given to religious expressions of psychopathology. The efficacy and effectiveness of treatment methodologies is also explored.  
Prerequisite: PRM 670.

PRM 773  
Language Acquisition  
3 credit hours  
A study of the perspectives and attitudes necessary to learn to communicate in a new language quickly and effectively. Combines knowledge of language learning with methods for adapting to a new cultural environment to ensure the new missionary establishes good relationships and is not hindered in communicating the Gospel. Focuses on building relationships rather than stressing cognitive input exclusively. Includes local field opportunities to help students in the acquisition and testing of all these skills.

PRM 775  
Missionary Internship  
3 credit hours  
Participation in a missionary activity working with nationals. This experience is supervised by a faculty member and/or an experienced missionary selected by ORU. Includes a period of training and study prior to departure, participant observation, and post trip reporting.  
Course fees: Background check, $25.50; liability insurance, $15.

PRM 777  
Missiological Research Project  
3 credit hours  
An independent field study of some aspect linked with missionary or church growth activity. The project includes theoretical formulations, participant observation, and faculty supervision.  
Prerequisite: Approval of instructor.

PRM 780  
Clinical Pastoral Education  
3-6 credit hours  
Provides an opportunity for learning skills of pastoral care in a clinical setting. The course and its 12-week clinical are by arrangement with affiliated hospitals and conducted in connection with the Association for Clinical Pastoral Education under the direction of a certified CPE supervisor.

PRM 781  
Counseling Internship  
3 credit hours  
Provides the student with practical experience in selected client care responsibilities and in a broad range of roles performed by the professional counselor. Students gain experience in core areas of counseling, assessment, consultation, and professional functioning.  
Prerequisites: PRM 623 and 763.  
Course fees: Background check, $25.50; liability insurance, $15.

PRM 782  
Marriage and Family Therapy Internship  
3 credit hours  
Provides the student with practical experience in selected client care responsibilities and in a broad range of roles performed by the professional counselor. Students gain experience in core areas of marriage and family therapy counseling, assessment, consultation, and professional functioning.  
Prerequisites: PRM 623 and 764.  
Course fees: Background check, $25.50; liability insurance, $15.

PRM 784  
Counseling Research  
3 credit hours  
A course to develop graduate-level skills in the formulation of a research problem, research hypothesis, sampling, data gathering, basic statistics, the utilization of computer-based methodologies in the analysis of data, and the interpretation of data.

PRM 788  
Leadership in Ministry  
3 credit hours  
A study of Biblical and academically informed principles and practices for effective leadership in ministry today. Students demonstrate an understanding of the principles and practices of leadership by assessing their own leadership styles, developing strategic plans for growth, and developing a theology of leadership that integrates Biblical principles, the model of Jesus Christ, and current research in leadership.

PRM 793  
Church Administration  
3 credit hours  
An introduction to organizational theory, leadership expectations, and administrative styles as they apply to church life. Students explore types of churches, relational skills, staff relationships, finance campaigns, and programs for making disciples; examine case studies; and develop project designs.

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

PRP 213
Workshop: Publications
1-3 credit hours
Studies basic publication principles such as publication anatomy, layout and design, photography, bulk mailing, database management, paper and ink selection, cover treatments, printing process, feature news, caption and headline writing, and desktop publishing. Students are involved in the production of The Communique under the guidance and critical evaluation of the professor/advisor. Prerequisite: MMC 107.
Course fee: $20.

PRP 217
Workshop: Public Relations
1-3 credit hours
A weekly workshop to implement skills learned in public relations seminars. Involves the practical application of theory and focuses on creating and evaluating promotions. Provides an opportunity for students to practice their skills within the context of a simulated, professional work environment. (May be repeated for credit.) Course fee: $20.

PRP 225
Principles of Public Relations
3 credit hours
An in-depth study of principles in the complex field of public relations, including the development of public relations, public relations in an age of continual change, how public relations works, and how it serves various organizations. Prerequisite: Minimum of sophomore standing.

PRP 427
Public Relations Management
3 credit hours
A study of the management function that uses communication to facilitate relationships and understanding between an organization and its many publics. Presents more than fifty cases that describe numerous ways public relations practitioners make ethical decisions and effectively manage public relations. Students take active parts by applying the various management techniques. Prerequisites: COM 406 and MMC 426.

PRP 428
Public Relations Case Studies
3 credit hours
Models situations that organizations, managers, and public relations practitioners routinely face. Students perform as public relations practitioners in various case studies. Prerequisite: COM 406.

PRP 499
Senior Research Project
3 credit hours
Specialized research culminating in a senior paper and/or other approved project. Prerequisite: Permission of instructor. Course fee: $40.

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

PHYSICAL SCIENCE (PSC)

PSC 101
Principles of Physical Science Lecture
3 credit hours
An introduction and overview to the physical sciences of astronomy, physics, and chemistry. (Does not count toward major or minor in science. Not open to students with previous college-level course in physics.) Prerequisite: Entry-level knowledge of high school algebra is recommended.
Corequisite: PSC 101 Lab.

PSC 105
Environmental Geography Laboratory
1 credit hour
Lab exercises to supplement PSC 101 Lecture. Corequisite: PSC 101 Lecture. Lab fee: $30.

PSC 106
Behavior Management
1 credit hour
Lab exercises to provide practice, manipulation, and visualization of principles that supplement PSC 101 Lecture. Corequisite: PSC 101 Lecture.

PSC 107
Principles of Physical Science Laboratory
1 credit hour
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 108
Broadcast Electronics Laboratory
1 credit hour
A study of AC/DC circuits, measuring instruments, diode, and transistor circuits. Corequisite: PSC 103 Lecture.
Lab fee: $30.

PSC 201
Principles of Earth Science Laboratory
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 202
Principles of Earth Science Lecture
3 credit hours
Prerequisite: PSY 201 or SOC 101.

PSC 203
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.

PSC 204
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.

PSC 205
Developmental Psychology
3 credit hours
A study of the theories and knowledge of human bio-psycho-social-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.

PSC 206
Environmental Science Lecture
3 credit hours
A study of human ecology focusing on problems created by human habitation of and interaction with the earth. Topics include culture, ecology, population, resources, food, energy, and pollution as well as social, economic, political, and ethical issues. (Crosslisted with GEO 350.) Prerequisite: One semester of lab science.
Corequisite: PSC 350 Lab.

PSC 350
Environmental Geography Laboratory
1 credit hour

PSY 201
Principles of Psychology
3 credit hours
A study 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.
by detailed consideration of selected problems in physiology of behavior. Emphasizes learning, motivation, and sensory processing.
Prerequisite: PSY 201.

**PSY 321**
Psychology of Personality Development 3 credit hours
A study of the principal interpretations of personality development, description, dynamics, and determinants.
Prerequisite: PSY 201.

**PSY 322**
Psychology of Learning and Motivation 3 credit hours
An experimental theoretical analysis of the concepts and principles of learning and motivation, particularly the simpler types of learning, such as conditioning.
Prerequisite: PSY 201.

**PSY 323**
Psychological Measurement 3 credit hours
A study of the theory of psychological measurement. Includes a survey of individual and group tests used to measure general abilities, aptitudes, interest, and personality characteristics.
Prerequisites: PSY 201 and MAT 232.
Testing protocol fee: $45.

**PSY 338**
Psychology of Abnormal Behavior 3 credit hours
A study of psychological disorders, their nature, determinants, and relationships to normal behavior.

**PSY 340**
Research Design and Analysis 3 credit hours
A research methods course for students in the behavioral sciences designed to target specific research problems and statistical methods leading to graduate studies in the field of psychology or other behavioral sciences. Topics include non-experimental designs, non-parametric statistics, correlations, hypothesis testing, and research ethics. Emphasis is placed on learning the APA style of writing reports, the selection of a senior paper research topic, and how to conduct a survey of relevant sources of psychological literature.
Prerequisite: MAT 232.

**PSY 354**
History and Systems of Psychology 3 credit hours
A study of major systems of psychology in historical perspective, with a view to discovering relationships between theory and empirical data.
Prerequisite: PSY 201.

**PSY 401**
Experimental Psychology 2 credit hours
A survey of the fundamentals of psychological research, experimentation, data analysis, and report writing.
Prerequisites: PSY 201 and MAT 232.
Corequisite: PSY 401 lab.

**PSY 401**
Experimental Psychology Laboratory 1 credit hour
An application in a lab setting of concepts learned in PSY 401 Lecture.
Corequisite: PSY 401 lecture.

**PSY 411**
Counseling Psychology I 3 credit hours
A study of the major theoretical concepts of counseling psychology presented with practical applications of these concepts in terms of counseling strategies and techniques. Students formulate appropriate hypotheses concerning representative client problems and propose competent methodologies/strategies for addressing those problems.
Prerequisites: PSY 201, 321, and 338.

**PSY 412**
Counseling Psychology II 3 credit hours
Builds upon the prerequisite course and focuses on the teaching and application of the principles of group processes, family dynamics, and other special problems in counseling psychology.
Prerequisite: PSY 411.

**PSY 423**
Advanced Psychology Seminar 3 credit hours
A discussion of contemporary figures and topics in the areas of sensation and perception, cognition and complex human learning, and the applied areas of industrial and educational psychology.
Prerequisites: PSY 201, 305, and 322.

**PSY 450**
Directed Study 1-3 credit hours
Under supervision of a behavioral science faculty member, the student pursues a specialized learning experience with learning objectives and implementation procedures.
Prerequisites: Psychology major, junior or senior standing, and approval of instructor and department chair.

**PSY 451**
Senior Internship 1-3 credit hours
On-the-job experience in applying psychological principles. Students work in local agencies under the supervision of professional psychologists.
Prerequisites: Senior standing and approval of department chair.

**PSY 461**
Honors Research 1-3 credit hours
Designed for the honor student who wishes to pursue individual research on a specific problem.
Prerequisites: Psychology major, junior or senior standing, and approval of instructor and department chair.

**PSY 499**
Senior Paper 3 credit hours
The completion of appropriate independent research under the direction of a faculty advisor. (A topic is selected by the student with approval of advisor.)
Prerequisite: PSY 401 with lab.

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

**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 undergraduates and a 30-hour practicum for graduates. Crosslisted with GSED 553.)
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, 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.

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 temporary viewing the world from the individual learning child’s point of view.

SOC 329 Social Deviency 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 329 Social Deviance and Social Control
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.

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.

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.

Honors Research 1-3 credit 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.

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.)

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 major, or minor, but can be used for elective credit.) Lab fee: $40.

Elementary Spanish II
5 credit hours
A continuation of SPA 101. Prerequisite: SPA 101 or demonstrated proficiency. Lab fee: $40.

Intermediate Spanish I
3 credit hours
Continued study of Spanish with review of grammar and composition. Introduces selected readings in addition to text. (Honors sections are available.) Prerequisite: Proficiency examination or SPA 102. Lab fee: $40.
SPA 204 Intermediate Spanish II 3 credit hours
Grammar review with emphasis on spoken Spanish as well as an intensive study of the history of Spain. Prerequisite: SPA 203.

SPA 219 Travel Study 3 credit hours
A three-week trip to either Mexico or Spain. Includes an in-depth study of history, geography, and art as well as opportunities for evangelism. Students learn everyday customs and have an opportunity to put grammar principles to practical use. (May substitute for SPA 203.) Prerequisite: SPA 102 or demonstrated proficiency.

SPA 301 Spanish Phonetics and Conversation 3 credit hours
Instruction in advanced conversation for proficiency with practical phonetics and drills for improvement of students’ aural-oral skills. Focuses on particular problem areas for English speakers. Prerequisite: SPA 204 or equivalent.

SPA 302 Spanish Composition 3 credit hours
A course using applied stylistic analysis and practical compositional exercises to develop writing skills. Prerequisite: SPA 204.

SPA 303 Survey of Spanish Literature I 3 credit hours
A study of the literature of Spain from the Middle Ages to the mid-17th century, emphasizing the Renaissance and the Golden Age. (Taught in Spanish.) Prerequisite: SPA 204 or equivalent.

SPA 304 Survey of Spanish Literature II 3 credit hours
A study of the literature of Spain since the Golden Age, emphasizing the Romantic and Realism periods. (Taught in Spanish.) Prerequisite: SPA 204 or equivalent.

SPA 306 Business Spanish 4 credit hours
A study of Spanish in its application to business, including terminology with respect to office procedures and international marketing. (Taught primarily in Spanish.) Prerequisite: SPA 204.

SPA 314 Survey of Latin American Literature 3 credit hours
A study of the literature of Latin America from its inception to the present. Covers pre-Columbian and colonial literature through literature from the last two centuries. (Taught in Spanish.) Prerequisite: SPA 204 or equivalent.

SPA 315 Latin American Civilization and Culture 3 credit hours
A study of the historical, political, and cultural development of Latin America with emphasis on contemporary aspects. (Taught in English. Does not count toward a Spanish major, but does count toward a Spanish education major.)

SPA 405 Nineteenth Century Spanish Literature 3 credit hours
A study of Spanish literature during the periods of Romanticism, Realism, and Naturalism. (Taught in Spanish.) Prerequisite: SPA 303 or 304.

SPA 406 Twentieth Century Spanish Literature 3 credit hours
A study of Spanish literature from the Generation of 98 through the avant-garde. (Taught in Spanish.) Prerequisite: SPA 303 or 304.

SPA 415 Latin American Novel 3 credit hours
A study of the Latin American novel in the 19th and 20th centuries against a philosophical and socio-political background. Emphasizes the contemporary period. (Taught in Spanish.) Prerequisite: SPA 303.

SPA 416 Latin American Short Story 3 credit hours
A study of the Latin American short story in the 19th and 20th centuries, with emphasis on the Contemporary period and magical realism. The short story is studied against a philosophical and socio-political background. (Taught in Spanish.) Prerequisite: SPA 303.

SPA 450 Internship 1-3 credit hours
Systematic and supervised practicum in a Spanish-speaking community. Application of Spanish oral communication and writing skills. Credit varies, depending on time involved on-site. Prerequisites: SPA 204; permission of the department.

SPA 451 Special Readings 1-3 credit hours
Special readings course in Spanish to cover general or specific areas as determined by the professor to meet the need of the student. (Taught in Spanish.) Prerequisites: Spanish major and permission of the instructor and the department.

SPA 457 Methods for Modern Language Curriculum Instruction 3 credit hours
A course designed to provide foreign language majors with concepts needed for language learning and instruction. Includes the historical background of the teaching of modern language. Discusses Foreign Language in the Elementary School (FLES), immersion programs, and issues concerning high school programs. (Crosslisted with FRE 457 and GER 457.)

SPA 498 Senior Paper Bibliography 1 credit hour
Research bibliography investigation to be complete with annotated bibliography, detailed outline, and introductory chapter of the senior paper written. (This is the first of two senior paper courses.) Prerequisite: Spanish major and permission of the instructor and the department.

SPA 499 Senior Paper 2 credit hours
Directed individual study of seniors pursuing research and the writing of the required senior paper. (This is the second of two senior paper courses.) Prerequisite: SPA 498.

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

SOCIAL WORK (SWK)

SWK 202 Introduction to Social Work 3 credit hours
An introduction to the social work professional degree program and generalist social work practice. Includes study of the history of social work as a profession, its values, social policies, and the various client systems and organizations where social work is practiced. Provides the student an opportunity to evaluate personal interests and aptitude for the social work profession.

SWK 302 Research Methods 3 credit hours
An introduction to basic research theory and methodology that contributes to a professional knowledge base and the maintenance of quality practice standards and service delivery. Helps supply the research content in the social work professional degree plan. Topics include problem development, quantitative and qualitative research methodologies, analysis of data, moral and ethical standards, single case studies, and both personal practice and program evaluation. The course serves as the foundation for the senior research paper by allowing the student to develop a formal research proposal that will be implemented in the senior year. (Crosslisted with SOC 302.) Prerequisites: SOC 101 and SWK 202. Prerequisite or corequisite: MAT 232.

SWK 303 Social Welfare Policy 3 credit hours
Provides a major portion of the social welfare policy and services content of the social work professional degree program and a framework for analysis of social welfare policy both nationally and locally. Includes specific social welfare policies (e.g., income maintenance, health, education), social welfare history, values, and various social forces that impact policy decisions. Prerequisites: GOV 101, SWK 202, and BUS 201.

SWK 309 Human Behavior in the Social Environment I 3 credit hours
Focuses on the theories and knowledge of human biopsychosocial-spiritual development throughout the life span. Provides human behavior in the social environment content for the social work professional degree plan. Emphasizes the mutual interdependence between the developing individual and his or her various microsystems, including characteristics of peer relationships,
family dynamics, and the developing individual. Topics include theoretical perspectives on human behavior; conception, pregnancy, and birth; infancy and early childhood; middle childhood; adolescence; adulthood; and late adulthood. (Crosslisted with PSY 301.)
Prerequisites: BIO 101, PSY 201, SOC 101.

SWK 310 Human Behavior in the Social Environment II 3 credit hours
Focuses on the theories and knowledge of human biopsychosocial-spiritual development within the contexts of various system levels. Provides human behavior in the social environment content for the social work professional degree plan, which emphasizes the mutual interdependence between aspects of the developing individual and his or her various contexts. Topics include the following: the social work perspective on human biology; theories of cognition, emotion, and self; the concept of stress and normal and abnormal coping; theories of spiritual development; the relationship between the physical environment and behavior; contemporary trends in U.S. social institutions; social inequality; the meaning of culture; perspectives on formal organizations; social work and communities; social movements; small groups in social work; and understanding contemporary U.S. families.
Prerequisites: SWK 309 - HBSE I

SWK 331 Social Work Practice I 3 credit hours
Serves as the initial social work practice course and develops the basic values, social work ethics, concepts, and skills for generalist social work practice. Knowledge of problem-solving methodologies within a systems perspective along with the various stages in the generalist process provides the basic theoretical grounding for the course.
Prerequisites: SWK 202 and admission to the professional social work degree program.
Corequisites: SWK 332 and 341.

SWK 332 Social Work Practice II 3 credit hours
Deals with interpersonal helping skills and basic skills necessary for developing, maintaining, terminating, and evaluating a productive worker-client relationship that respects diversity in client populations. Provides structured opportunities to learn and practice a problem-solving, systems-oriented approach to interpersonal helping through activity-based learning methods.
Prerequisites: SWK 202 and admission to the professional social work degree program.
Corequisites: SWK 331 and 341.

SWK 333 Social Work Practice III 3 credit hours
Focuses on the development of group leadership skills and covers the basic skills necessary for the development, implementation, maintenance, termination, and evaluation of a variety of small group types, including task-oriented, support, personal growth, education, and treatment. Topics include group developmental stages, theories of leadership, power/influence, task maintenance roles, ethical guidelines, working with diverse populations, problem solving, communication, conflict, and trust/cohesion. The student is given structured opportunities to learn group dynamics and leadership skills through activity based learning methods. (Crosslisted with SOC 300.)
Prerequisites: SWK 202, 331, 332, and admission to the professional social work degree program.
Corequisites: SWK 342.

SWK 341 Junior Practicum I 2 credit hours
A field practice experience that places the student in a social service agency five hours per week. In addition, the student spends one class hour per week in an integrative seminar. (This course is the practicum portion of the corequisite courses SWK 331 and 332.)
Prerequisite: SWK 202.
Corequisites: SWK 331 and 332.

SWK 342 Junior Practicum II 2 credit hours
The second practicum experience found in the social work professional degree preparing for generalist practice. The student continues placement in the agency for practicum I or another social service agency for five hours per week. An integrative seminar is held for one class hour per week.
Prerequisites: SWK 202, 331, 332, 341.
Corequisite: SWK 333.

SWK 380 Aging Processes 3 credit hours
A course that presents a biological, psychological, and social overview of aging processes; explores relevant issues such as economics, health needs, family and primary relationships, death and dying, social roles and relationships, retirement and leisure, personal adaptation, social response, and spiritual well-being; and introduces a series of basic methods of human service helping for working with older adults in a variety of settings.
Prerequisite: Junior standing.

SWK 381 Child Welfare 3 credit hours
A study of the historical and legal development of child welfare policies and services. An overview of all aspects of child maltreatment, including systems assessment, case plan development, and delivery of services. Topics include types of agencies, categories of services, child-parent-state rights, diversity of family structures, cultural difference, gender issues, and social policy. (Required for Title IV-E students.)
Prerequisites: SWK 311, 331, and 332.

SWK 382 Social Services in Health Care 3 credit hours
Examines death and dying; dealing with grief and loss; confidentiality; spiritual well-being; financial resources; community resources; alternate practice settings such as hospices, nursing care, homemaker services, day care, public health and mental health; and special areas and problems, such as perinatal, oncology, psychiatric, rehabilitation, child abuse, quality assurance, and advocacy.

SWK 383 Family Dynamics 3 credit hours
The theory and practice of the dynamics of the student's family of origin, the use of the genogram, the theology of marriage and the family, problems of divorce and remarriage, courtship and mate selection, premarital counseling, sex counseling, the family life cycle, and developmental issues. Covers family therapy, including a historic overview, systems theory, psychodynamic theory, behavioral theory, communications theory, structural theory, and strategic theory.

SWK 404 Social Work Practice IV 2 credit hours
The fourth practice course in the generalist sequence, which builds upon the other three practice courses (SWK 331, 332, and 333). Focuses on taking the problem-solving model in a systems framework and applying it to the macro or community level of social work practice. Emphasizes the roles of broker, advocate, and planner for service provision for various client systems.
Prerequisite: SWK 331, 332, 333, and admission to the professional social work degree program.

SWK 405 Senior Seminar 2 credit hours
An advanced seminar covering various current issues of concern to the social work profession.
Prerequisite: SWK 404 and admission to the professional social work degree program.

SWK 420 Minority Group Relations 3 credit hours
Focuses on diversity and promotes an awareness of multicultural norms and values among a number of ethnic and racial minorities in a pluralist society. Examines cultural strengths, differences, and similarities as well as concepts of race, ethnicity, minority groups, prejudice, discrimination, and issues related to women. (Crosslisted with SOC 420.)
Prerequisite: SOC 101.

SWK 443 Senior Practicum I 6 credit hours
Provides the primary senior practicum experience for students in the professional social work degree plan for generalist practice. Students are placed in a social service agency under the supervision of a person with a masters in social work (MSW) degree and perform roles and follow job descriptions similar to those of the professional social workers of the agency. (This course is normally combined with SWK 444 to create a block practicum for one semester totaling 480 hours of practicum experience. SWK 443 and SWK 444 may be taken separately during the academic year with 240 hours of practicum each semester.)
Prerequisites: SWK 202, 302, 303, 311, 331, 332, 333, 341, 342, and senior status in the Social Work Program.

SWK 444 Senior Practicum II 6 credit hours
Provides additional experience to that offered through SWK 443. (This course is normally combined with SWK 443 to create a block practicum for one semester totaling 480 hours of practicum experience. SWK 443 and SWK 444 may be taken separately during the academic year with 240 hours of practicum each semester.)
Prerequisite: SWK 202, 302, 303, 311, 331, 332, 333, 341, 342, and senior status in the Social Work Program.

SWK 450 Directed Study 1-3 credit hours
Under supervision of a behavioral science faculty member, the student pursues a specialized learning experi-
ENCE WITH DESIGNATED LEARNING OBJECTIVES AND IMPLEMENTATION PROCEDURES. PREREQUISITES: JUNIOR OR SENIOR STANDING IN PROFESSIONAL SOCIAL WORK PROGRAM AND ARRANGEMENT WITH THE SOCIAL WORK FACULTY.

**SWK 461**
HONORS RESEARCH
1-3 CREDIT HOURS
DESIGNED FOR THE HONOR STUDENT WHO WISHES TO PURSUE INDIVIDUAL RESEARCH ON A SPECIFIC PROBLEM. PREREQUISITES: SENIOR STANDING IN PROFESSIONAL SOCIAL WORK PROGRAM AND ARRANGEMENT WITH THE SOCIAL WORK FACULTY.

**SWK 499**
SENIOR RESEARCH PAPER
3 CREDIT HOURS

**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 IT RELATES TO THE SECOND LANGUAGE TEACHER. (CROSSLISTED WITH ESL 315.)

**TESL 516**
SOCIOLINGUISTICS
3 CREDIT HOURS
AN INTRODUCTION TO THE SOCIAL USE OF LANGUAGE, ESPECIALLY AS IT RELATES TO THE SECOND LANGUAGE TEACHER. TOPICS INCLUDE ASPECTS OF SEMANTICS, DISCOURSE ANALYSIS, LANGUAGE VARIATIONS, AND SOCIAL AND POLITICAL IMPLICATIONS OF LANGUAGE USE. (CROSSLISTED WITH ESL 316.)

**TESL 518**
TESL SEMINAR
3 CREDIT HOURS
IN-DEPTH STUDY OF SELECTED TOPICS RELEVANT TO THE TESL PRACTITIONER. (CROSSLISTED WITH ESL 318.)

**TESL 543**
TESL METHODS AND MATERIALS
3 CREDIT HOURS
A SURVEY AND PRODUCTION OF TESL TECHNIQUES AND TEACHING MATERIALS. STUDENTS RECEIVE TRAINING IN PRESENTATION PROCEDURES USED TO TEACH ESL, INCLUDING THE USE OF AUDIOVISUALS AND PERSONAL COMPUTERS. (CROSSLISTED WITH ESL 343.)

**TESL 553**
TESL CURRICULUM DESIGN
3 CREDIT HOURS
AN OVERVIEW OF THE FIELD OF INSTRUCTIONAL DESIGN AND CURRICULUM DEVELOPMENT WITH A SPECIAL EMPHASIS ON CURRICULUM FOR ENGLISH AS A SECOND LANGUAGE. (CROSSLISTED WITH ESL 353.)

**TESL 563**
TESL INTERNSHIP
3 CREDIT HOURS
STUDENTS SPEND THE SEMESTER OBSERVING, ASSISTING, AND TEACHING IN AN ESL SETTING.

**TESL 593**
TESL ASSESSMENT
3 CREDIT HOURS
AN EXAMINATION OF THE PRINCIPLES OF TESTING AND EVALUATION AS APPLIED TO THE ACQUISITION OF ENGLISH AS A SECOND LANGUAGE. EMPHASIZES TESTING SKILLS NEEDED BY THE CLASSROOM TEACHER. ALSO COVERS THE PRINCIPLES, PROCEDURES, AND BASIC TERMINOLOGY OF EDUCATIONAL RESEARCH TO AID THE CLASSROOM TEACHER IN THE INTERPRETATION OF RESEARCH. (CROSSLISTED WITH ESL 393.)

**TESL 633**
LITERATURE IN THE ESL CONTEXT
3 CREDIT HOURS
A SURVEY OF IMPORTANT THEORETICAL AND METHODOLOGICAL ISSUES RELATED TO THE TEACHING OF LITERATURE TO ESL STUDENTS AND A BRIEF, SYSTEMATIC OVERVIEW OF AMERICAN LITERATURE.

**TESL 690**
DIRECTED STUDY
1-3 CREDIT HOURS
ALLOWS THE STUDENT TO PURSUE A LITERATURE SEARCH AND CONDUCT A RESEARCH PROJECT IN EDUCATION THAT PERTAINS TO THE DEGREE PROGRAM AND IS OF INTEREST TO THE STUDENT. DESIGNED TO ASSIST THE STUDENT IN BROADENING AND STRENGTHENING HIS OR HER ACADEMIC PREPARATION IN AREAS OF PERSONAL INTEREST. THE PROFESSOR MAY SUGGEST SPECIAL ACTIVITIES AND/OR PROJECTS. PREREQUISITE: PERMISSION OF THE INSTRUCTOR.

**TESL 999**
1-6 CREDIT HOURS
COURSE TRANSFERRED TO APPLY TO AN ORU MAJOR OR MINOR. (MORE THAN ONE COURSE CAN BE TRANSFERRED UNDER THIS NUMBER.) PREREQUISITE: APPROVAL BY PETITION TO DEPARTMENT CHAIR.

### THEORETICAL AND HISTORICAL STUDIES (THE)

**THE 103**
CHARISMATIC LIFE AND THE HEALING MINISTRY
3 CREDIT HOURS

**THE 217**
SEMINAR IN THEORETICAL RESEARCH
3 CREDIT HOURS
DESIGNED TO GIVE STUDENTS A WORKING KNOWLEDGE OF THE MATERIALS AND METHODS USED IN THEORETICAL RESEARCH. EMPHASIZES PHILOSOPHICAL ANALYSIS, THEORETICAL BIBLIOGRAPHY, CRITICAL METHODS OF READING AND STUDYING, RESEARCH METHODOLOGY, AND THESIS WRITING. PREREQUISITE: ENG 101.

**THE 299**
INTRODUCTION TO THEOLOGY
3 CREDIT HOURS

**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
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 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 skills in course preparation and administration, time management, tutoring, and communication. The student has opportunities to become involved with professional teaching and/or research on the baccalaureate level in Biblical literature, theology, and church ministries.

THE 461
History of Christianity I: Early Church
3 credit hours
Acquaints the student with the basic information concerning the important people, events, and dates in the history of the Church from the Apostolic Age to the Medieval Period.

THE 462
History of Christianity II: Medieval Church
3 credit hours
Seeks to develop an understanding and appreciation for the Christian life and thought of the Middle Ages, with an emphasis on the historical development of thought, doctrine, and practice of the faith. Describes the historical conditions and theologies that led to the Reformation and other modern Christian movements. Prerequisite: THE 461.

THE 463
History of Christianity III: Reformation to Present
3 credit hours
A survey of the Christian Church from the Reformation to the present with special reference to key figures, events, themes, and developments. Prerequisite: THE 461 or 462.

THE 464
Prayer
3 credit hours
A study designed to assist the student in evaluating and developing a life of prayer. Explores various approaches to prayer that have been described in Scripture and by Christian leaders. (Offered only through distance learning.)

THE 470
Philosophy of Religion
3 credit hours
An inquiry into the nature of religious faith and life from the philosophical point of view. Includes the nature, function, and value of religious faith; the validity of the claims of religious knowledge; the relationship of faith and ethics; the problem of evil; revealed versus natural religion; the nature of the human spirit and its relationship to God; the nature and value of prayer; and the place of religious faith in modern society.

THE 473
Theology and Philosophy in Modern Culture
3 credit hours
A study of the theological and philosophical positions of modern thinkers that most affect Christian life and thought, particularly post-modernism and the New Age philosophy, as well as new Christian responses to current theologies and ideas that have developed in recent times. Includes various schools of thought and specific theologians and philosophers, analyzes arguments, and composes Christian responses.

THE 499
Senior Paper
3 credit hours
A designed research/writing project for seniors studying under the personal guidance of a professor involving specialized research in the area of theological/historical studies. Prerequisite: THE 217.

THE 999
1-6 credit hours
Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.) Prerequisite: Approval by petition to department chair.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TVF 300</td>
<td>Non-linear Editing</td>
<td>2</td>
<td>Teaches the fundamentals of editing with Apple Final Cut Pro. The course has a modular structure, offering the student immediate, practical application of the subject material. Media is provided to aid the learning process. The final project is a commercial showcasing the student's ability to shoot, log, capture, edit, and output a final commercial project.</td>
</tr>
<tr>
<td>TVF 301</td>
<td>Motion Graphics and Compositing</td>
<td>2</td>
<td>A fundamental course utilizing beginner and intermediate level concepts and skills for the creation of motion graphics and special effects in Adobe After Effects 7.0. Prerequisite: Admittance into the ORU MultiMedia Institute</td>
</tr>
<tr>
<td>TVF 312</td>
<td>Advanced Audio Production</td>
<td>3</td>
<td>Designed to amplify and focus student interest and study in a specific technical area of television and film. Through lectures, lab, class demonstrations, and projects, the student develops skill and knowledge in the technical and artistic aspects of audio and sound recording techniques for film and television. Prerequisite: MMC 127, junior or senior standing, and major in MMC with MULT concentration. Course fee: $40.</td>
</tr>
<tr>
<td>TVF 313</td>
<td>Lighting for TV/Film</td>
<td>3</td>
<td>Concentrated study of the technical and creative aspects of lighting. Includes a practical examination of the tools, techniques, and theories of lighting for TV/Film. Prerequisite: MMC 228. Course fee: $40.</td>
</tr>
<tr>
<td>TVF 314</td>
<td>Media Operations</td>
<td>3</td>
<td>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.</td>
</tr>
<tr>
<td>TVF 317</td>
<td>Media Analysis</td>
<td>3</td>
<td>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.</td>
</tr>
<tr>
<td>TVF 329</td>
<td>Advanced Television Production</td>
<td>3</td>
<td>A continued study of studio production techniques begun in MMC 228. Students direct their own productions and participate in class projects. Emphasizes above-the-line, creative elements that result in quality TV productions. Class and lab. (This course is taught only in the MultiMedia Institute.) Prerequisite: MMC 228 or 231; MMC 432. Course fee: $40.</td>
</tr>
<tr>
<td>TVF 332</td>
<td>Field Production and Editing</td>
<td>3</td>
<td>An indepth study of field production and editing techniques in television. Students gain new skills and insights to equip them for successful single-camera and multiple-camera remote situations. Course fee: $40.</td>
</tr>
<tr>
<td>TVF 337</td>
<td>Film Production Techniques</td>
<td>3</td>
<td>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.</td>
</tr>
<tr>
<td>TVF 345</td>
<td>Announcing</td>
<td>3</td>
<td>An overview of broadcast announcing procedures in a number of different broadcast situations. Students practice delivery of a wide range of broadcast copy. Prerequisites: MMC 127 and 228. Course fee: $40.</td>
</tr>
<tr>
<td>TVF 408</td>
<td>Broadcast News</td>
<td>3</td>
<td>Studies broadcast journalism, its tools, and techniques. Examines the factors that determine the value of news and how news is gathered and disseminated. Provides experience in writing news for broadcast and in delivering news in an “On Air” situation. Presents a Christian perspective and teaches responsibility as a Christian in the field of broadcasting. Prerequisites: JRN 107, 205, 317, TVF 127, and typing ability. Course fee: $40.</td>
</tr>
<tr>
<td>TVF 447</td>
<td>Producing and Directing</td>
<td>3</td>
<td>An examination of the role of the producer and director in TV production. Emphasizes program concept formation and development for the producer and creative interpretation for the director. Prerequisite: MMC 228. Course fee: $40.</td>
</tr>
<tr>
<td>TVF 457</td>
<td>Advanced Field Production and Editing</td>
<td>3</td>
<td>Examines both long and short form productions shot on location. Emphasizes commercials, documentaries, and demonstrational video productions. Prerequisite: MMC 432. Course fee: $40.</td>
</tr>
<tr>
<td>TVF 499</td>
<td>Senior Research Project</td>
<td>3</td>
<td>Specialized research culminating in a senior paper and/or other approved project. Prerequisite: Permission of instructor. Course fee: $40.</td>
</tr>
<tr>
<td>WRT 112</td>
<td>Reading and Writing Laboratory</td>
<td>1</td>
<td>Individualized diagnosis, prescription, and instruction in reading and writing for academic purposes. (May be taken two semesters for credit.)</td>
</tr>
<tr>
<td>WRT 201</td>
<td>Introduction to Writing</td>
<td>3</td>
<td>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.</td>
</tr>
<tr>
<td>WRT 212</td>
<td>Writing Workshop: Revising</td>
<td>1</td>
<td>Serves as a writing workshop for students in WRT 201. The students will discuss, evaluate, and propose revisions for their drafts of informal essays, short stories, poems, and dramatic scenes. They will practice the skills and values discussed by some leading writers represented in their textbooks required in WRT 201. They will be expected to offer honest, respectful comments to their peers in the lab. Corequisite: WRT 201</td>
</tr>
<tr>
<td>WRT 300</td>
<td>Workshop for Peer Tutors</td>
<td>1</td>
<td>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.</td>
</tr>
<tr>
<td>WRT 304</td>
<td>Structure of Modern English</td>
<td>3</td>
<td>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.)</td>
</tr>
</tbody>
</table>
WRT 312 Writing Workshop: Copyediting
1 credit hour
Provides editing, proofreading, and copyediting experience. Focuses on marking online and paper texts. Includes identifying and solving problems in texts as well as editing for accuracy and revising for clarity and conciseness. Prerequisite: WRT 201

WRT 313 Writing Workshop: Diction
1 credit hour
Provides revision experience for both creative and technical writers. Focuses on diction, word choice, tone, and morphemes. Includes Latin and Greek roots, borrowed words, and commonly confusing and misused words.

WRT 331 Literary Writing
3 credit hours
Instruction in creative expression. Practical experience in description, narration, dramatic dialogue, and varied poetic forms.

WRT 335 Technical Writing I
3 credit hours
Designed specifically for students preparing for professional writing in business, science, publishing, and other fields. Focuses on collaborative writing, problem-solving, analyzing audience, research, documenting sources, and revising for clarity and conciseness. Develops skills for writing, editing, and proofreading brochures, instruction manuals, newsletters, and short reports. Practices computer skills for written documents and oral presentations. Prerequisites: ENG 101, typing ability, and basic computer skills. Lab fee: $45.

WRT 336 Technical Writing II
3 credit hours
Designed to prepare students for technical writing opportunities and build on skills from WRT 335. Continues focus on problem solving, editing, proofreading, clarity, and conciseness. Develops skills for writing and revising proposals, graphics, analytical reports, and Web pages. Prerequisites: WRT 304 and PRF 320 Writing Major/Minor Proficiency. Lab fee: $45.

WRT 355 History of the English Language
3 credit hours
Acquaints students with the evolution of the English language. Presents various aspects of the history of the language, including changes in pronunciation, grammar, syntax, vocabulary, spelling, orthography, and meaning. Focuses on linguistics tools as well as concepts such as the interaction of society, thought, culture, and language. (This is a writing-intensive course.)

WRT 400 Writing Internship
1-3 credit hours
Systematic and supervised practicum in a business or organization. Application of technical and writing skills. Credit varies, depending on time involved on site. (May be repeated for credit.) Prerequisites: WRT 304; permission of the department.

WRT 405 Literary Genres
3 credit hours
A workshop that encourages creative expression, with projects concentrating in one genre (e.g., poetry or short fiction). Designed for the serious writer who is capable of developing a writer’s discipline. (May be taken twice for credit.) Prerequisites: WRT 331 and PRF 320 Writing Major/Minor Proficiency.

WRT 410 Desktop Publishing
3 credit hours
A study and application of computer skills and programs used in desktop publishing. Emphasizes the creation and adjusting of texts by using current desktop publishing programs. Requires additional computer laboratory time. Prerequisite: WRT 335 or WRT 336. Lab fee: $45.

WRT 430 Grant Writing
3 credit hours
Designed to help students who are preparing for careers in disciplines and services that utilize funding from private and public foundations. Students learn skills of identifying need, defining goals, evaluating programs, locating grant sources (e.g., databases), researching potential funders’ interests and expectations, preparing a budget, and writing grant proposals, letters, and follow-up reports. Prerequisites: Senior standing and permission from the student’s department chair.

WRT 450 Directed Study
1-3 credit hours
Directed study in a writing-related area under the supervision of a faculty member on topics approved by the professor and department chair. Prerequisites: Permission of professor and department chair.

WRT 499 Senior Paper/Project
3 hours
A significant writing project under the guidance of a writing professor. Provides writing majors specializing in technical writing with an opportunity to begin and complete an appropriate capstone writing project. Involves research needed to complete the project, the project itself (e.g., a website, grant proposal), and a short paper documenting the project’s process. Prerequisite: Senior standing; departmental approval.

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